

Credit (/class/search/term\_type/Credit)

Credit Fall 2019

search words

Advanced Search (/class/search/advanced/yes/term\_type/Credit/term\_code/201908)

On March 11th, the legacy class search will no longer be available. This service will be replaced with **Course Analytics Report** ([https://cognosweb.jccc.edu/ibmcognos/bi/?pathRef=.public\\_folders%2FIPR+Reports%2FCampus+Wide%2FCourse+Analytics](https://cognosweb.jccc.edu/ibmcognos/bi/?pathRef=.public_folders%2FIPR+Reports%2FCampus+Wide%2FCourse+Analytics)).

Only employees will be able to access Course Analytics Report using their JCCC username and password similar to InfoHub. For training or questions, please contact Institutional Research ext. 3441.

## Credit Fall 2019

**Note:** The fall schedule displayed here is an historical record of the fall 2019 semester. The fall 2020 schedule of classes will be available online March 15, 2020.

### Academic Achievement Center

#### AAC 100 - Study Skills

This self-instructional course is designed to improve students' ability to study efficiently. Based on the results of a study skills survey administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including time management, goal setting, textbook reading, note taking from textbook and from lecture, stress management, test taking and using college resources. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests, and provide individualized instruction as it is needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_100](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82553 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Merritt J	Closed

#### AAC 102 - Basic Spelling

This self-instructional course is for students who wish to improve their spelling ability but who have not been successful in the traditional spelling program. This course provides a highly structured approach to spelling improvement through mastery of morphographs (units of meaning) and guidelines for combining morphographs. A limited number of spelling rules are taught in the course. This course is ideal for students for whom English is a second language. An Academic Achievement Center instructor is available to work with students to establish specific goals, administer tests, and provide individualized instruction as needed to complete the students' program. 16 hrs./semester

**Credit Hours:** 3

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_102](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82555 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Merritt J	Closed
82556 002 IND	-----	-	09/03/19-12/15/19	OCB 304	Merritt J	Closed

#### AAC 106 - Vocabulary Development

This self-instructional course is designed for college students who wish to expand both their receptive and expressive vocabulary levels. College students are expected to be able to recognize and use vocabularies specific to specialized and changing contents, i.e., data processing, sociology and business. A vocabulary placement test will be administered to determine a starting level. Instructional material provided by the AAC includes Latin and Greek derivatives, specialized vocabulary, stated and implied

meanings as well as the process of acquisition (context clues, etymology and derivatives). An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_106](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82557 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Merritt J	Closed

## AAC 112 - Basic Math Review

This self-instructional course is designed for students who need to learn or review basic mathematical concepts. Based on the results of a pretest administered during the student's initial visit to the Center, an individualized program is established. While one student may begin the program with multiplication facts, another may begin with solving proportions or equations. Instructional material is provided by the AAC. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and to provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_112](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82560 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Merritt J	Closed

## AAC 113 - Algebra Preparation

This self-instructional course is designed for students who possess basic math skills and want to learn basic concepts in algebra. Based on the results of a pretest administered during the student's initial visit to the center, an individualized program is established. Using instructional material provided by the AAC, students will master a variety of concepts, including the terminology of mathematics and algebra, simplifying open expressions, solving algebraic equations and other concepts. An Academic Achievement Center instructor will be available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_113](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_113))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82561 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Merritt J	Closed

## AAC 120 - Individualized Study

This self-instructional course is designed for students who want to improve in any of the following AAC areas: study skills, reading comprehension, reading rate, vocabulary improvement, advanced spelling, basic math, algebra preparation or chemistry preparation. Once the area of study has been determined, a pretest will be administered by the instructor and a program of study will be developed using materials provided by the AAC. An Academic Achievement Center instructor is available to work with students to establish specific goals, administer tests, and to provide individualized instruction needed to complete the student's program. 20 hrs./semester

**Credit Hours:** 1

**Associated Costs:** \$2 to 5

Outline ([http://catalog.jccc.edu/coursedescriptions/aac/#AAC\\_120](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82562 001 IND	-----	-	08/19/19-12/15/19	OCB 304	Parra L	Closed

Note: This section is intended for students who have shown a need for targeted reading improvement.

82563 002 IND	-----	-	09/16/19-12/15/19	OCB 304	Merritt J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82565 004 IND	-----	-	09/16/19-12/15/19	OCB 304	Parra L	Closed

## Accounting

### ACCT 111 - Small Business Accounting

This course will introduce the basic accounting procedures needed to maintain daily records for a small business and the use of such records in the decision-making process. Upon successful completion of the course, the student will be able to maintain a set of financial records with the occasional help of an outside accountant. This course does not prepare the student for Accounting II.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_111](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81562 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 363	Gluhovsky A	Closed

*SB 155 Excel in CTE  
Accelerating Opportunity KS*

81567 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Farmer C	Closed
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*Accelerating Opportunity KS  
SB 155 Excel in CTE*

### ACCT 121 - Accounting I

This course is an introduction to accounting fundamentals. Upon successful completion of this course, a student should be able to analyze transactions, use various journals and ledgers, prepare financial statements, and summarize results at the close of the fiscal period for the sole proprietorship.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_121](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81571 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 256	Megariss M	Closed

*Accelerating Opportunity KS  
KBOR Seamless Transfer  
SB 155 Excel in CTE*

81573 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 256	Krug D	Closed
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*SB 155 Excel in CTE  
KBOR Seamless Transfer  
Accelerating Opportunity KS*

81578 003 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 256	King A	Closed
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*Accelerating Opportunity KS  
KBOR Seamless Transfer  
SB 155 Excel in CTE*

81585 004 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	HCA 119	Forbes H	Closed
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*KBOR Seamless Transfer  
SB 155 Excel in CTE  
Accelerating Opportunity KS*

81609 005 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 256	King A	Closed
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*KBOR Seamless Transfer  
SB 155 Excel in CTE  
Accelerating Opportunity KS*

81610 006 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	HCA 119	Forbes H	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS KBOR Seamless Transfer SB 155 Excel in CTE</i>						
81611 007 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 256	King A	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS SB 155 Excel in CTE</i>						
81619 008 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 256	Gluhovsky A	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81621 009 F2F	M-W----	02:00-03:15 PM	08/19/19-12/15/19	GEB 256	Kelley J	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer SB 155 Excel in CTE</i>						
81622 010 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 256	Cole L	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81623 011 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 256	Cole L	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81624 012 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 256	Forbes H	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
82663 013 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 217	Rottinghaus J	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS SB 155 Excel in CTE</i>						
81631 015 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 256	Fallis P	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81633 016 F2F	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	GEB 256	Marmon C	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS SB 155 Excel in CTE</i>						
81634 017 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	GEB 256	Wright J	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81635 019 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 256	Jones D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer SB 155 Excel in CTE</i>						
81791 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81792 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Krug D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
81793 352 ONLINE	-----	-	08/19/19-12/15/19	Online	Krug D	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
81797 353 ONLINE	-----	-	08/19/19-12/15/19	Online	Kelley J	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81803 354 ONLINE	-----	-	08/19/19-12/15/19	Online	Spoolstra A	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81810 355 ONLINE	-----	-	08/19/19-12/15/19	Online	Sivaratnam L	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
81818 356 ONLINE	-----	-	08/19/19-10/13/19	Online	Fisher E	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						

## ACCT 122 - Accounting II

This course is a continuation of ACCT 121. Upon successful completion of this course, the student will be able to prepare and use financial statements with an increased emphasis on their interpretation, and be introduced to managerial accounting concepts. Prerequisite: ACCT 121 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_122](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81822 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	HCA 119	Forbes H	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81838 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 353B	Krug D	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
81843 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 353B	Krug D	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81845 004 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 353B	Gluhovsky A	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81854 005 F2F	-T-R--	09:30-10:45 AM	08/20/19-12/15/19	GEB 353B	King A	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
81861 006 F2F	-T-R--	11:00-12:15 PM	08/20/19-12/15/19	GEB 353B	McNeil K	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
81874 007 F2F	-T-R--	12:30-01:45 PM	08/20/19-12/15/19	GEB 353B	Gluhovsky A	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81878 008 F2F <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 353B	Wayne A	Closed
81883 350 ONLNE <i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	McNeil K	Closed
81886 351 ONLNE <i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	McNeil K	Closed
81890 352 ONLNE <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>	-----	-	08/19/19-10/13/19	Online	Cole L	Closed
81891 353 ONLNE <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>	-----	-	10/14/19-12/08/19	Online	Cole L	Closed

### ACCT 131 - Federal Income Taxes I

This course teaches the student federal income tax rules and the procedures for reporting federal income tax. Upon completion of this course, the student should be able to do short- and long-range tax planning and keep records that will provide appropriate information for use in preparing federal income tax. The student should also be able to prepare the standard individual federal income tax return. 3 hrs./wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_131](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81893 001 F2F <i>SB 155 Excel in CTE</i>	-T-R--	11:00-12:15 PM	08/20/19-12/15/19	GEB 363	Cole L	Closed
81895 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Spoolstra A	Closed
81896 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Spoolstra A	Closed

### ACCT 136 - Computerized Accounting Applications

Upon successful completion of this course, a student will be able to use accounting software to record daily transactions, perform reconciliations, record payroll, generate reports, set up new companies and create budgets. Prerequisite: ACCT 111 or ACCT 121.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_136](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81899 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Van Dyke E	Closed

### ACCT 141 - Computerized Accounting Problems

Upon successful completion of this course, students will be able to utilize spreadsheet software to create and solve accounting, finance and business problems. Students will analyze the spreadsheets to make business decisions. Prerequisite or Corequisite: ACCT 122.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_141](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81903 350 ONLNE	-----	-	08/19/19-12/15/19	Online	King A	Closed

SB 155 Excel in CTE

### ACCT 215 - Accounting for Nonprofit Organizations

This course will teach students basic information of not-for-profit accounting and its primary users: federal, state and local governments; hospitals; and schools. Upon successful completion of the course, the student should be able to describe the primary funds and accounting groups, assist in the budget process, and practice variances among the major nonprofit organizations according to their authoritative pronouncements. Prerequisite: ACCT 121.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_215](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81906 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Fisher E	Closed

SB 155 Excel in CTE

### ACCT 222 - Managerial Accounting

Upon completion of this course, the student will be able to develop and use accounting information as an instrument of management control. Students will recognize needed information, determine where it can be obtained and decide how this information can be used by managers to plan, control and make decisions. Material covered includes cost analysis, cost allocation and budgeting reports to management. Prerequisite: ACCT 122 with a grade of "C" or higher.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_222](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81907 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 363	McNeil K	Closed
SB 155 Excel in CTE KBOR Seamless Transfer						
81912 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 363	McNeil K	Closed
SB 155 Excel in CTE KBOR Seamless Transfer						
81920 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 363	McNeil K	Closed
KBOR Seamless Transfer SB 155 Excel in CTE						
81934 004 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	SCI 122	Cropp D	Closed
KBOR Seamless Transfer SB 155 Excel in CTE						
81937 005 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	GEB 363	Henn R	Closed
KBOR Seamless Transfer SB 155 Excel in CTE						
81997 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones L	Closed
KBOR Seamless Transfer SB 155 Excel in CTE						
82000 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones L	Closed
SB 155 Excel in CTE KBOR Seamless Transfer						
82002 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Jones L	Closed
KBOR Seamless Transfer SB 155 Excel in CTE						

### ACCT 231 - Intermediate Accounting I

The course will present the use of accounting theory in the preparation of financial reports. Upon successful completion of this course, the student should be able to solve problems that arise in the presentation of cash, receivables, inventories, tangible and intangible assets on the statement of financial position, and their related effect on the statement of income. Prerequisite: ACCT 122.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_231](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82005 376 HYB	M-----	04:30-05:45 PM	08/19/19-12/15/19	GEB 353B	Krug D	Closed
	-----	-	08/19/19-12/15/19	Online		

*SB 155 Excel in CTE*

## ACCT 240 - Fraud Examination

This course analyzes the principles involved in the detection and prevention of fraud as it pertains to financial matters. The course will explore the vast body of knowledge gained by accounting practitioners and will utilize critical thinking to apply these factors to the prevention of financial-statement and employee fraud. Upon completion of this course, the student should be able to describe how and why fraud is committed, use creative ways to detect and prevent fraudulent conduct, and understand how allegations of fraud should be investigated and resolved. Prerequisite: ACCT 122.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_240](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82006 350 ONLNE	-----	-	08/19/19-12/15/19	Online	McNeil K	Closed

*SB 155 Excel in CTE*

## ACCT 278 - Accounting Internship

The student will be able to gain work experience in an approved training station under instructional supervision in an accounting or an accounting-related occupation. This internship is designed to give students the opportunity to apply the skills they have acquired in accounting specialty courses. The internship will require an average of 12 hours of job training per week by arrangement. It is strongly advised that the student secure the internship position before enrolling in this course. Searching for the position, applying for it, and being accepted to work are three important aspects of the coursework that must be completed during the first few weeks of the course, if not completed before the course begins. Prerequisite: ACCT 121 and 12 additional ACCT hours and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_278](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_278))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82008 500 INT	-----	-	08/19/19-12/15/19	Online	King A	4 of 18

*SB 155 Excel in CTE*

Requirement: Department approval

## ACCT 285 - Accounting Capstone

This course is designed as a capstone experience before entering the workplace. Topics will include managerial use of financial data, analysis of financial statements, and ethics in accounting. Students will be required to execute accounting procedures both manually and electronically through an accounting cycle. Students will use financial statements to make informed judgments and solve problems. Students will identify and apply ethical positions and effectively communicate this information to others both in writing and verbally. Prerequisite: ACCT 121 and ACCT 122 and 12 additional ACCT hours and department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/acct/#ACCT\\_285](http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82010 376 HYB	-T-----	04:30-05:45 PM	08/19/19-12/15/19	GEB 353B	Forbes H	Closed
	-----	-	08/19/19-12/15/19	Online		

*SB 155 Excel in CTE*



## Administration of Justice

### ADMJ 121 - Introduction to Administration of Justice ▾

This course provides an overview of the three components of the American criminal justice system: police, courts and corrections. Interrelationships are stressed and problem areas discussed, particularly with respect to constitutional guarantees. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_121](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80374 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	PA 145	Galbrecht F	Closed
<i>KBOR Seamless Transfer</i>						
80376 002 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	PA 133	Ladd G	Closed
<i>KBOR Seamless Transfer</i>						
80378 003 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	PA 145	Sissom K	Closed
<i>KBOR Seamless Transfer</i>						
80379 351 ONLNE	-----	-	08/19/19-12/15/19	Online	King K	Closed
<i>KBOR Seamless Transfer</i>						

### ADMJ 122 - Police Operations

Students examine the role of police in society. Focus is placed on patrol, investigative activities and communications. Police operations in culturally diverse communities, legal constraints and ethical responsibilities are also discussed. Prerequisite: ADMJ 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_122](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80380 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Groves M	Closed

### ADMJ 124 - Criminal Justice and Corrections

This course is an introductory study of the field of corrections. Correctional history and an examination of the American correctional system will be explored, including detention, incarceration and community corrections. 3 hrs. lecture/ wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_124](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80381 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	PA 133	Ashman C	Closed
80383 002 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	PA 144	King K	Closed
80385 351 ONLNE	-----	-	08/19/19-12/15/19	Online	King K	Closed

### ADMJ 127 - Criminology

This class will identify the major criminology theories. Various explanations for criminal conduct will be explored and society's responses to crime will be examined. 3 hrs. lecture/wk. ADMJ 127 and SOC 127 are the same course. Do not enroll in both.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_127](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80387 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	PA 133	Ashman C	Closed
80390 002 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	PA 145	Galbrecht F	Closed
80395 003 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	PA 145	Ladd G	Closed
80397 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Daniels M	Closed
80399 352 ONLNE	-----	-	08/19/19-12/15/19	Online	King K	Closed

### ADMJ 133 - Juvenile Behavior

This course will examine law enforcement, courts and correctional agencies which deal with youthful offenders. In addition, an analysis of the theories of delinquency causation will be reviewed. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_133](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80401 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Simpson M	Closed

### ADMJ 141 - Criminal Law

After taking this course, the student will be able to state the two basic elements necessary for any crime and the philosophy behind these two elements. After a detailed exploration of common law crimes and selected Kansas and Missouri statutes, the student will be able to classify common law crimes and state the difference between a felony and a misdemeanor. The student will understand the significance of the separation of powers doctrine and its application to criminal law and the constant interplay of the U.S. Constitution in criminal law. Prerequisite: ADMJ 121 or LAW 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_141](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80402 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	PA 145	Galbrecht F	Closed
80404 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Blank S	Closed

### ADMJ 143 - Crime Analysis

Students will learn crime profiling skills and specialized techniques of conducting research, analyzing data and producing crime analysis products. Students will survey existing computer applications and learn practical use and evaluation of these applications. Students will become familiar with the common written reports, charts and graphs used to describe crime analysis products. Students will survey the variety of customers served by crime analysts and the integral part crime analysis plays within the community. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_143](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80405 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Whitford S	Closed
83223 352 ONLNE	-----	-	12/11/19-01/08/20	Online	Whitford S	Closed

### ADMJ 148 - Physical and Sexual Violence within the Family

A description and causal analysis of the different physical, psychological, and sexual abuse acts that may occur within the primary family unit will be provided in this course. The study will include possible causative factors; psychological and social effects on the various family members; psychological, social and legal implications; treatments; and the relationship between abuse and crime. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_148\)](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80406 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Gabrielson J	Closed

### ADMJ 150 - Criminal Procedure

Criminal Procedure is an exploration of the structure of judicial processes; constitutional protections; and remedies for violations of constitutional rights. Students will learn, through discussion of important U.S. Supreme Court cases, how the Constitution is interpreted. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_150\)](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_150)


CRN	Days	Time	Date	Location	Instructor	Seats Open
80407 001 F2F	-T-R--	11:00-12:15 PM	08/20/19-12/15/19	PA 144	Blank S	Closed

### ADMJ 154 - Fundamentals of Criminal Investigation

This course is designed to give fundamental information that serves as an overview of the entire field as well as a solid foundation for specialized course work. The course focuses on investigation of property crimes, homicide investigation, crimes against children and sex-related offenses. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_154\)](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83085 001 F2F	-T----	05:00-08:00 PM	08/27/19-12/15/19	 OLW 1507	Groves M	Closed

### ADMJ 170 - Drugs and Crime

This course explores the relationship between drugs and crime. Students will analyze how drugs impact criminal activity at the local, state, federal, and international level. Local, state and federal laws regulating substance use will also be examined. Students will become familiar with the effects of drugs on the body. Interventions for individuals harmfully involved with drug use will be explored. 3 hrs. lecture/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_170\)](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80408 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Whitford S	Closed

### ADMJ 215 - Understanding Terrorism

This course serves as a basic introduction to terrorism. Students will examine current and historical events to gain an understanding of terrorist organizations. The development of terrorism and its various forms, including tactics and ideologies as well as terrorism's impact on 21st century civilization, will be examined. The course also addresses the challenges facing criminal justice professionals in developing a coordinated response to terrorism.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_215\)](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80409 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Blank S	Closed

### ADMJ 221 - Forensic Science and Crime Scene Investigation

This course provides an overview of forensic science by focusing on the current technologies police rely on to apprehend criminal perpetrators and to link them through trace evidence to crime scenes. Emphasis is on crime scene investigation, physical evidence, organic and inorganic analysis, forensic toxicology and use of DNA in investigations.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_221](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80410 201 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	PA 144	McGill Carroll K	Closed

### ADMJ 223 - The World of Crime

This course provides the study of crime and the criminal justice systems of countries other than the United States, and with issues related to crime throughout the world. Emphasis will be placed on a comparison of the three main aspects of the criminal justice system (police, courts, corrections) between specific countries. Prerequisite: ADMJ 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_223](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83224 351 ONLNE	-----	-	12/11/19-01/08/20	Online	Blank S	Closed

*Cultural Diversity Designation*

### ADMJ 228 - Criminal Justice Communications

This class will assist students in developing the specific verbal and written communication skills used in the criminal justice field. Emphasis will be placed on the development of interviewing and report writing skills, focusing on the unique types of writing required gathering pertinent information and then recording that information by writing a variety of report narratives, represented by those prepared by individuals working in a profession within the criminal justice system. Prerequisite: ENGL 121.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_228](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_228))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80414 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Boye-Doe K	Closed

### ADMJ 230 - Criminal Behavior

This course explores the relationship between psychology, criminal behavior, and the criminal justice system. The foundation of the course will be a detailed examination of the various theories used to explain the causation of criminal behavior. Special emphasis will be placed on exploring how this understanding is applied in various settings within the criminal justice system; including police departments, the courts, and corrections. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_230](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80418 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	PA 145	Galbrecht F	Closed

### ADMJ 235 - Community Based Corrections

This course is a comprehensive examination of community based corrections. The history of probation and parole is discussed as a foundation for the expanded coverage of correctional services offered in the community. Emphasis is given to modern correctional paradigms including diversion, intermediate sanctions, reentry and restorative justice. Practical field experience will broaden the students' understanding of this population and successful best practices of existing federal, state and county agencies will be examined. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_235](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80423 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Welch J	Closed

### ADMJ 255 - Ethics and Criminal Justice

This course explores the study of ethics, particularly as it applies to the field of criminal justice. The development of critical thinking and decision-making skills as they relate to the criminal justice system is also examined. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_255](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80424 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	PA 133	King K	Closed

### ADMJ 285 - Administration of Justice Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate federal, state or local criminal justice agencies or not-for-profit organizations, and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career in the field of criminal justice. The student spends the equivalent of 12 hours per week for 14 weeks performing internship duties over the course of the semester or a total of 168 hours. Prerequisite: Department approval with fifteen credit hours in ADMJ courses or department approval and a grade point average of 2.0 or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ\\_285](http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80428 501 INT	-----	-	08/19/19-12/15/19		Galbrecht F	6 of 6

Requirement: Department approval

### Automation Engineering Tech

#### AET 110 - Industrial Maintenance

This is an introductory course that discusses common industrial maintenance topics, such as industrial tools and equipment, mechanical drive systems and maintenance programs. The lab component to this course will expand on concepts taught in lecture by incorporating hands-on projects using common components found in industry. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_110](http://catalog.jccc.edu/coursedescriptions/aet/#AET_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82030 001 F2F	M-W----	08:00-09:50 AM	10/14/19-12/04/19	CTE 248	Clark H	Closed
	Lab -T-R---	08:00-10:50 AM	10/15/19-12/05/19	CTE 248		

*SB 155 Excel in CTE*

CRN	Days	Time	Date	Location	Instructor	Seats Open
82044 002 F2F	---R---	05:00-06:50 PM	08/22/19-12/15/19	CTE 248	Retter G	Closed
	Lab ---R---	07:00-09:50 PM	08/22/19-12/15/19	CTE 248		

*SB 155 Excel in CTE*

#### AET 120 - Industrial Fluid Power

This course examines theory, applications and operation of industrial hydraulic and pneumatic systems. The inspection, maintenance and repair of the various components are covered in this course. Interpretation of the various schematic symbols used in hydraulic and pneumatic circuit diagrams will be discussed. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_120\)](http://catalog.jccc.edu/coursedescriptions/aet/#AET_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82041 001 F2F	--W----	05:00-06:50 PM	08/21/19-12/15/19	CTE 248	Keating E	Closed
	<b>Lab</b> --W----	07:00-09:50 PM	08/21/19-12/15/19	CTE 248		

*SB 155 Excel in CTE*

## AET 122 - Industrial Code

This course addresses how to reference and interpret common electrical codes found in an industrial setting. Electrical standards, such as the National Fire Protection Association (NFPA), National Electrical Code (NEC), National Electrical Manufacturers Association (NEMA) and Underwriters Laboratories (UL), will be utilized in this course.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_122\)](http://catalog.jccc.edu/coursedescriptions/aet/#AET_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82569 001 F2F	M-W----	12:00-01:20 PM	08/19/19-12/15/19	ITC 181	Gilmore S	Closed

*SB 155 Excel in CTE*

## AET 140 - Actuator and Sensor Systems

This course examines types, installation and troubleshooting of industrial actuators and sensors. Contemporary control methods in process control and proportional-integral-derivative (PID) process loops are covered in this course. Prerequisite: ELTE 110.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_140\)](http://catalog.jccc.edu/coursedescriptions/aet/#AET_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82031 001 F2F	-T-R---	11:30-01:20 PM	10/15/19-12/05/19	CTE 248	Clark H	Closed
	<b>Lab</b> -T-R---	01:30-04:20 PM	10/15/19-12/05/19	CTE 248		

*SB 155 Excel in CTE*

## AET 160 - Programmable Logic Controllers I

This is an introductory course that examines types, installation and troubleshooting of programmable logic controllers (PLC). Hardware and programming aspects, as well as ladder logic symbols and operations necessary to develop a PLC program, are covered in this course. Students will enter, edit and test controller programs through assigned laboratory projects. Prerequisite: ELTE 110.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/aet/#AET\\_160\)](http://catalog.jccc.edu/coursedescriptions/aet/#AET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82026 001 F2F	M-W----	01:30-03:20 PM	08/19/19-10/09/19	CTE 246	Clark H	Closed
	<b>Lab</b> -T-R---	01:30-04:20 PM	08/20/19-10/10/19	CTE 246		

*SB 155 Excel in CTE*

82046 002 F2F	M-----	05:00-06:50 PM	08/19/19-12/15/19	CTE 246	Keating E	Closed
	<b>Lab</b> M-----	07:00-09:50 PM	08/19/19-12/15/19	CTE 246		

*SB 155 Excel in CTE*

## Animation

### ANI 122 - Digital Rendering for Animation

This basic digital rendering course is designed for animators and game artists. Students will study basic and advanced digital rendering elements and principles. Students will produce digitally rendered elements used in animation and gaming, including realistic and stylistic character designs, vehicles, architecture, weapons and environments. Prerequisite or Corequisite: CDTP 135.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_122](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81728 001 F2F	-T-R---	03:00-05:50 PM	08/20/19-12/15/19	OCB 106	Leturgez E	Closed
<i>SB 155 Excel in CTE</i>						
81736 002 F2F	-T-R---	09:00-11:50 AM	08/20/19-12/15/19	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						

## ANI 125 - Introduction to 2D Animation

In this course students will learn all aspects of traditional 2 dimensional animation, including flipbook, cell, puppet and claymation. Students will write a short story and create storyboards, an animatic and a 2-dimensional character. Students will explore the key principles of animation and learn the rules of filmmaking. Experimental animation will be integrated into the course using various artistic mediums. Prerequisite or Corequisite: CDTP 135.

**Credit Hours: 3**

**Associated Costs: \$50**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_125](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81739 001 F2F	----FS-	09:00-11:50 AM	08/23/19-12/15/19	RC 311	Kimball L	Closed
<i>SB 155 Excel in CTE</i>						

## ANI 130 - Motion Graphics and Effects

In this course the student will create motion graphics and effects using 2D and 3D elements. Students will create render passes, create 3D elements and effects, and then composite the layers back into After Effects for further manipulation and polish. Students will also explore rotoscoping, motion tracking, motion stabilization, animating effects, text and shape animation, create and set up 2D and 3D text, lighting, materials and basic compositing. Prerequisite or Corequisite: CDTP 135.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_130](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81743 001 F2F	-T-R---	03:00-05:50 PM	08/20/19-12/15/19	RC 311	Stirk L	Closed
<i>SB 155 Excel in CTE</i>						

## ANI 150 - Introduction to 3D Modeling and Game Art

This course provides an introduction to 3D modeling and creating game art assets for next-generation games. Students will learn industry production pipelines and create high polygon and low polygon gaming models, such as architectural, weapons, vehicles and other model assets. Students will also learn how to create photorealistic textures, light and render, create construction and texture worksheets, and export them into an existing game engine. Prerequisite or Corequisite: CDTP 135.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_150](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81747 001 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						
81748 002 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						
81750 003 F2F	----FS-	03:00-05:50 PM	08/23/19-12/15/19	RC 311	Kimball L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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*SB 155 Excel in CTE*

## ANI 210 - Digital Sculpting

In this course the student will create basic organic-shaped models using a high-end sculpting program like ZBrush. Students will explore film and game production pipelines, basic digital sculpting techniques and alpha brush detailing. Students will also explore advanced brush techniques, polypainting and spotlight tools; rendering, lighting and materials will be covered. Prerequisite or Corequisite: ANI 150.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_210](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81753 001 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	RC 311	Garrison A	Closed

*SB 155 Excel in CTE*

## ANI 235 - Character Modeling and Rigging

In this course the student will create a character using high-end software like Maya. Students will explore character design, organic modeling, photorealistic texturing, character rigging, facial rigging, character deformation and portfolio presentation. Students will also explore advanced modeling techniques; clothing, hair and advanced materials will be covered. Prerequisite or Corequisite: ANI 150.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_235](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81757 001 F2F	-T-R---	09:00-11:50 AM	08/20/19-12/15/19	OCB 106	Byers J	Closed

*SB 155 Excel in CTE*

## ANI 245 - Character Animation

Students will develop and refine new skills in creating 3-dimensional character animation. The computer and cutting-edge software have become increasingly important tools in creating character animatics and 3-dimensional character animations. More principles and elements of character animation will be introduced to create more realistic, believable and engaging stories. Continued focus on the importance of plot, character development, key principles of animation and artistic skill will push students into realms of endless creativity and imagination. Prerequisite or Corequisite: ANI 150.

**Credit Hours: 3**

**Associated Costs: \$50**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_245](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81760 001 F2F	----FS-	12:00-02:50 PM	08/23/19-12/15/19	RC 311	Kimball L	Closed

*SB 155 Excel in CTE*

## ANI 255 - Advanced Animation and Effects

The Advanced Animation and Effects course exposes students to various particle effects, rigid and soft body dynamics, and effects like rain, snow, lightning, fire and different types of shatter. Through hands-on tutorials students will simulate and render a variety of visual effects including liquid, cloth and hair. Students will also explore rendering layers and passes, and composite these elements into stunning portfolio work. Prerequisite or Corequisite: ANI 220.

**Credit Hours: 3**

**Associated Costs: \$50**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_255](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81766 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	RC 311	Byers J	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
81770 002 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	OCB 106	Byers J	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

## ANI 258 - Game Level Design

This course provides an introduction to game level design and how to create interior and exterior levels using the same state of the art editing tools that are used in high-end video games. Students learn to build white box levels first and then populate the level with detailed original game artwork. Students will create terrain maps and textures, and interactively place static meshes into the game editor to enhance the visual aspects of the level. Students explore how to build a map that is purposeful and exciting to play. Prerequisite or Corequisite: ANI 150.

**Credit Hours: 3**

**Associated Costs: \$50**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_258](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_258))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81774 001 F2F	M-W----	09:00-11:50 AM	08/19/19-12/15/19	RC 311	Byers J	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

## ANI 270 - Visual Effects and Compositing

This course emphasizes the importance of breaking down visual effects shots for effective compositing. Advanced topics will include 2 dimensional/3 dimensional motion tracking, rotoscoping, garbage mattes, 2D/3D visual effects, blue screen or green screen removal, traveling mattes, image correction, lighting and shading. An introduction to the production pipeline used in professional film and TV work will also be covered. Prerequisite or Corequisite: ANI 220

**Credit Hours: 3**

**Associated Costs: \$50**

Outline ([http://catalog.jccc.edu/coursedescriptions/ani/#ANI\\_270](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81775 001 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	RC 311	Stirk L	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

## Anthropology

### ANTH 125 - Cultural Anthropology

This introductory course will employ various anthropological theories, perspectives and methodologies to critically and comparatively examine an array of cultural and social topics as they relate to selected Western and non-Western cultures and societies. 3 hrs./wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_125](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82097 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 338	Daley S	<b>Closed</b>
<i>General Education Designation Cultural Diversity Designation KBOR Seamless Transfer</i>						
82099 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 338	Daley C	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation Cultural Diversity Designation</i>						
82100 003 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 338	Huber-Smith M	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
82101 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Huber-Smith M	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
82102 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Corbett S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
82103 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Corbett S	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
82104 354 ONLNE	-----	-	08/19/19-12/15/19	Online	Raab A	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
83107 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Raab A	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						

## ANTH 126 - Physical Anthropology

This course is an introduction to selected concepts and principles important to an understanding of evolutionary forces and their influence on the physiology and behavior of humans. The importance of the scientific method will be explored. Awareness of humans and their place in nature will be achieved by examining basic genetics, micro- and macroevolution, primate ecology and behavior, the paleoanthropological evidence for human evolution, and modern human adaptation and variation. 3 hrs./wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_126](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82105 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 338	McFarlane W	Closed
<i>General Education Designation</i>						
82106 351 ONLNE	-----	-	08/19/19-12/15/19	Online	McFarlane W	Closed
<i>General Education Designation</i>						
82107 352 ONLNE	-----	-	08/19/19-12/15/19	Online	McFarlane W	Closed
<i>General Education Designation</i>						

## ANTH 130 - World Cultures

This introductory course will utilize an ethnographic approach to introduce students to various cultural and social practices of Westernized and non-Westernized cultures and societies from around the world. This course will examine a wide range of topics including economic production, religion, world view, kinship patterns and political and economic institutions. 3 hrs./wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_130](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82109 002 F2F	M-W----	02:30-03:45 PM	08/19/19-12/15/19	GEB 338	Divney J	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
82110 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 338	Huber-Smith M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						
82111 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Corbett S	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i>						
82112 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Ediger R	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i>						
82113 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Obermeyer B	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						

## ANTH 134 - Native Americans

This ethnographic course will introduce students to the indigenous peoples and First Nations of North, Central and South America, with particular attention being paid to North America. This course will focus on selected First Nations cultures and societies to examine a wide range of topics including arts, oral traditions, religions, and Indian-White relations. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_134](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82114 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 338	Daley S	Closed
<i>Cultural Diversity Designation</i>						

## ANTH 142 - World Prehistory

This course is an introduction to the variety and continuity of the prehistoric human past. Through the archaeological record we will consider the evolution of humans, the transition of foraging to farming economies, the rise of complex societies, secondary state formation, and the collapse of complex societies.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_142](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82115 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 338	McFarlane W	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						

## ANTH 153 - The Anthropology of the Paranormal & Supernatural

This introductory course will employ various Western and non-Western perspectives, including scientific and popular culture theories, to critically and comparatively examine a wide array of phenomena classified as paranormal or supernatural. Topics to be covered include extrasensory perception, witchcraft and magic, ghosts, extraterrestrial beings and cryptozoological organisms. Lectures, discussions, readings and films will be used to accomplish the aforementioned, as well as optional trips to local locations associated with the paranormal and supernatural. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/anth/#ANTH\\_153](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_153))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82117 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	GEB 338	Daley S	Closed
<i>Cultural Diversity Designation</i>						

## Architecture

### ARCH 120 - Introduction to Architecture

This course is an introduction to the profession of architecture through a study of its history, vocabulary, theories and practices. The facets that make up the total architectural curriculum as well as the various professional roles that architects can be expected to perform will be covered. Architectural study is seen as both an art and a science. The interdisciplinary character of architectural practice is emphasized. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$50 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_120](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80798 001 F2F	M-W----	02:00-03:15 PM	08/19/19-12/15/19	ITC 134	Meadows B	Closed
80799 002 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	ITC 134	Meadows B	Closed

## ARCH 127 - Introduction to Architectural Graphics

This course is designed to build a conceptual and manual foundation for professional architectural education. Students will learn to apply a variety of media and drawing systems such as freehand drawing, architectural lettering and equipment usage. Students will also learn applied geometry including line, tone, texture and utilizing sun, shade and shadows. Multi-view, paraline, axonometric and oblique drawings will be taught and students will build models related to architectural forms. Emphasis will be on learning to think in spatial terms while introducing professional, conceptual and visual vocabulary. Graphic presentation skills will be developed using standard graphic conventions, basic computer skills, and basic material investigations. This course is only offered in the fall semester. 8 hrs. integrated lecture, studio/wk.

**Credit Hours: 4**

**Associated Costs:** \$125 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_127](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80800 001 F2F	M-W----	09:00-12:45 PM	08/19/19-12/15/19	ITC 134	Miller J	Closed
80801 002 F2F	-T-R---	09:30-01:15 PM	08/20/19-12/15/19	ITC 134	Miller J	Closed

## ARCH 220 - Sustainability in the Built Environment

This course examines evolving issues of sustainability as they pertain to the built environment. The course will cover a broad spectrum of issues, with attention focused on historical precedent, changing social matrices, technological advancements, political and regulatory consequences, and potential future transformations. Analysis of sustainability as a concept and societal goal will be considered throughout the course as we consider issues that are both local and global. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$25 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_220](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80802 001 F2F	--W----	04:00-06:45 PM	08/21/19-12/15/19	ITC 134	Meadows B	Closed

## ARCH 244 - Architectural History Before the Modern Era

This course will acquaint students with the architecture and ideas of world civilizations from prehistory to the beginning of the Industrial Revolution. Emphasis is on architecture as an integrated element of the development of commercial, technological, and ideological transferences among different regions, nascent religious groups and evolving political enterprises. The course will consider architectural styles and cultures from around the globe. 3hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$25-\$100

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_244](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80803 001 F2F	-T-----	04:00-06:45 PM	08/20/19-12/15/19	ITC 134	Meadows B	Closed

## ARCH 245 - Architectural History: Modern

This course will investigate the architecture of the Modern Era. The focus of this course is on the principles of design, education of the architect, artistic forces and concepts of the built environment within its historical context. The work of prominent architects and their architectural theories will be covered and analyzed. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$25 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_245](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80804 001 F2F	---R---	04:00-06:45 PM	08/22/19-12/15/19	ITC 134	Meadows B	Closed

## ARCH 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of architecture not usually taught in the curriculum to interested and qualified students within the program.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/arch/#ARCH\\_292](http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80805 001 F2F	----F--	09:00-11:45 AM	08/23/19-12/15/19	ITC 134	Miller J	Closed

This section's title is **Design Presentations**.

## Art

### ART 124 - Design 2D

This is an introductory study of the principles of visual perception, two-dimensional space organization and the visual elements of line, shape, texture and space. Concepts, materials and processes necessary to an understanding of two-dimensional form are explored using traditional and digital tools and techniques. Working knowledge of Adobe Illustrator is required. Prerequisite or Corequisite: CDTP 145.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_124](http://catalog.jccc.edu/coursedescriptions/art/#ART_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82374 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 216	Kidwell M	Closed
82376 002 F2F	--W----	12:00-05:15 PM	08/21/19-12/15/19	FADS 220	Hawkins P	Closed
82377 003 F2F	----F--	08:00-01:15 PM	08/23/19-12/15/19	FADS 220	Hawkins P	Closed

### ART 127 - Design 3D

This is a study of the function of three-dimensional organization in the development of visual ideas. Concepts, materials and processes necessary to an understanding of the three-dimensional relationships of space, form, form evolution and the dynamics of structure are explored. Prerequisite: ART 124.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_127](http://catalog.jccc.edu/coursedescriptions/art/#ART_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82378 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 220	Shinohara M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
82379 002 F2F	M-----	12:00-05:15 PM	08/19/19-12/15/19	FADS 220	Shinohara M	Closed

## ART 129 - Design Color

This is a study of the nature of color, its physical properties and visual qualities. Basic theories, phenomena and their applications will be explored using pigment, colored paper and digital color systems. Working knowledge of Adobe Photoshop is required. Prerequisite or Corequisite: CDTP 135.

**Credit Hours: 3**

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_129](http://catalog.jccc.edu/coursedescriptions/art/#ART_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82380 001 F2F	M-----	12:00-05:15 PM	08/19/19-12/15/19	FADS 216	Nemer T	Closed
82381 002 F2F	-T-----	12:00-05:15 PM	08/20/19-12/15/19	FADS 216	Nemer T	Closed

## ART 130 - Drawing I

This is an introductory course with an emphasis on the development of fundamental drawing skills, increased power of observation and an awareness of the personally expressive and compositional aspects of drawing. 6 hrs. integrated lecture/studio/wk.

**Credit Hours: 3**

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_130](http://catalog.jccc.edu/coursedescriptions/art/#ART_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80807 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 210	Kligman M	Closed
<i>KBOR Seamless Transfer</i>						
80808 002 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 210	Carroll J	Closed
<i>KBOR Seamless Transfer</i>						
80809 003 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	FADS 210	Ricketts C	Closed
<i>KBOR Seamless Transfer</i>						
80811 004 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 210	Kira K	Closed
<i>KBOR Seamless Transfer</i>						
80812 005 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	FADS 210	Kira K	Closed
<i>KBOR Seamless Transfer</i>						
80813 006 F2F	-T-R---	03:00-05:50 PM	08/20/19-12/15/19	FADS 210	Brown T	Closed
<i>KBOR Seamless Transfer</i>						
80814 007 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 210	Brown T	Closed
<i>KBOR Seamless Transfer</i>						
80815 008 F2F	-----S-	08:00-01:50 PM	08/24/19-12/15/19	FADS 210	Castillo R	Closed
<i>KBOR Seamless Transfer</i>						

## ART 131 - Drawing II

This course involves intermediate problems in drawing with emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. Students will work from models, still-life, and conceptual presentations. A variety of media will be explored. Prerequisite: ART 130.

**Credit Hours: 3**

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_131](http://catalog.jccc.edu/coursedescriptions/art/#ART_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80816 001 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 210	Brown T	Closed
80817 002 F2F	-----S-	08:00-01:50 PM	08/24/19-12/15/19	FADS 210	Castillo R	Closed

## ART 135 - Painting I

This course is an introduction to the basic elements of painting. Students will learn basic painting skills, color properties, color mixing, color relationships, applications and proper use of tools and equipment. 6 hrs. integrated lecture/studio/wk.

**Credit Hours: 3**

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_135](http://catalog.jccc.edu/coursedescriptions/art/#ART_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80819 001 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 208	Ricketts C	Closed
80821 002 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 208	Kligman M	Closed
80823 003 F2F	-T-R---	03:00-05:50 PM	08/20/19-12/15/19	FADS 208	Schell A	Closed
80824 004 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 208	Schell A	Closed

## ART 138 - Digital Imaging for Artists I

This course is an introduction to the use of the computer as a medium for making fine art. The course will emphasize developing the student's skill in making expressive visual statements using computer technology. 6 hrs. integrated lecture/studio/wk.

**Credit Hours: 3**

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_138](http://catalog.jccc.edu/coursedescriptions/art/#ART_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80826 001 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 203	Stewart M	Closed

## ART 142 - Ceramics I

This course is designed to build a conceptual and manual foundation for future ceramics education. Students will study the properties of clay, its preparation, hand and wheel techniques, surface design, firing methods, fundamental ceramic terms, principles of design, introductory ceramic history and orientation to safe practices for the ceramic artist. Emphasis will be on developing skills appropriate to the beginning student for the purpose of creative and technical expression. 6 hrs. integrated lecture/studio/wk.

**Credit Hours: 3**

**Associated Costs:** \$100 to 250

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_142](http://catalog.jccc.edu/coursedescriptions/art/#ART_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80830 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 123	Gascogne L	Closed
80832 002 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 123	Davis S	Closed
80833 003 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	FADS 123	Davis S	Closed
80835 004 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 123	Gascogne L	Closed
80837 005 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 123	Haney N	Closed
80838 006 F2F	-----S-	08:00-01:50 PM	08/24/19-12/15/19	FADS 123	Haney N	Closed

## ART 143 - Ceramics II

This course covers more advanced methods and studio practices in creative ceramic wheel expression and glaze formation. Emphasis is on development of a sense of thrown form and creative decoration or optional creative non-wheel ceramic form development. The course focuses on advanced ceramic form production, aesthetic issues, investigative study and practice. Clay, glaze and firing techniques are investigated in depth. The student acquires a repertoire of studio skills, a deeper awareness of ceramic history and articulated criteria of judgment. Individual interpretation and conceptual development are expected. The study of aesthetics of ceramic form is undertaken. Prerequisite: ART 142.

**Credit Hours:** 3

**Associated Costs:** \$100 to 250

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_143](http://catalog.jccc.edu/coursedescriptions/art/#ART_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80840 001 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	FADS 123	Gascogne L	Closed
80841 002 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 123	Davis S	Closed
80842 003 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	FADS 123	Davis S	Closed
80843 004 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 123	Haney N	Closed
80844 005 F2F	-----S-	08:00-01:50 PM	08/24/19-12/15/19	FADS 123	Haney N	Closed

## ART 145 - Sculpture I

Students will explore and study natural and synthetic sculptural forms as they create work using traditional or contemporary media and techniques. Assignments require work in limestone, clay, wax, bronze, aluminum and steel, and involve carving, modeling and building up. 6 hrs. integrated lecture/studio/wk.

**Credit Hours:** 3

**Associated Costs:** \$50 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_145](http://catalog.jccc.edu/coursedescriptions/art/#ART_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80861 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 125	Sandoval A	Closed
80845 002 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 125	Burmood J	Closed
80846 003 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 125	Cowardin M	Closed

## ART 146 - Sculpture II

This continuation of ART 145 will focus on advanced methods and techniques with emphasis on materials, forms and the student's selection of an individual direction with individual material choices. Prerequisite: ART 145.

**Credit Hours:** 3

**Associated Costs:** \$50 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_146](http://catalog.jccc.edu/coursedescriptions/art/#ART_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80862 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 125	Sandoval A	Closed
80847 002 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 125	Burmood J	Closed

## ART 148 - Metal and Silversmithing I

This course is a basic introduction to the terms, tools and techniques involved in creating jewelry and other wearables as they relate to the human figure. Casting, fabrication and construction will be explored. 6 hrs. integrated lecture/studio/wk.

**Credit Hours:** 3



**Associated Costs:** \$50 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_148](http://catalog.jccc.edu/coursedescriptions/art/#ART_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80848 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 126	Pener S	Closed
80849 002 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 126	Pener S	Closed
80850 003 F2F	----S-	12:00-05:50 PM	08/24/19-12/15/19	FADS 126	Cool L	Closed
80863 004 F2F	-T-R--	12:00-02:50 PM	08/20/19-12/15/19	FADS 126	Cool L	Closed

## ART 149 - Metal and Silversmithing II

Students will study advanced casting and construction techniques. Projects should show a higher degree of design and function. Prerequisite: ART 148.

**Credit Hours:** 3

**Associated Costs:** \$50 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_149](http://catalog.jccc.edu/coursedescriptions/art/#ART_149))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80851 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 126	Pener S	Closed
80852 002 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 126	Pener S	Closed
80853 003 F2F	----S-	12:00-05:50 PM	08/24/19-12/15/19	FADS 126	Cool L	Closed
80864 004 F2F	-T-R--	12:00-02:50 PM	08/20/19-12/15/19	FADS 126	Cool L	Closed

## ART 172 - Watercolor Painting

This course is an introduction to transparent water media with emphasis on learning fundamental painting skills, the visual elements, composition, visual perception and an awareness of personal expression. 6 hrs. integrated lecture/studio/wk.

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_172](http://catalog.jccc.edu/coursedescriptions/art/#ART_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80854 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 208	Carroll J	Closed

## ART 231 - Life Drawing I

This course is an introduction to the basic elements of drawing for students wanting a concentration in drawing the human figure. Students will acquire basic competence in developing drawings involving the human form. Prerequisite: ART 130.

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_231](http://catalog.jccc.edu/coursedescriptions/art/#ART_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80855 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 210	Kligman M	Closed

## ART 232 - Life Drawing II

This course is an intermediate investigation of drawing from the human form. This class is for students wanting to concentrate on figure drawing beyond Life Drawing I. Prerequisite: ART 231.

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_232](http://catalog.jccc.edu/coursedescriptions/art/#ART_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80856 001 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 210	Kligman M	Closed

## ART 238 - Digital Imaging for Artists II

This course is a continued study of skills learned in Digital Imaging for Artists. Students will concentrate on creating personal imagery using digital media. Prerequisite: ART 138.

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_238](http://catalog.jccc.edu/coursedescriptions/art/#ART_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80828 001 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 203	Stewart M	Closed

## ART 244 - Ceramics Workshop I

Students will have the opportunity to pursue advanced individual research under the direction of the instructor. Emphasis is on creative expression and development of technical skills as well as the further pursuit of technical studies that have relevance for emerging personal specializations. Students will conduct a personal program of study on one aesthetic issue that emerges as personally significant and present the outcomes in an appropriate and acceptable manner at the close of the semester. Students should initiate and pursue studies in directions that inform and further their individual professional and creative growth, which leads to invention, innovation and refinement of their personal semester work, as agreed upon with the instructor. This course enables further pursuit of technical studies that have relevance for these emerging personal specializations. Skill refinement, three-dimensional imagination, with increased creative expression and creative product generation are anticipated. Prerequisites: ART 143 and department approval.

**Credit Hours:** 3

**Associated Costs:** \$100 to 250

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_244](http://catalog.jccc.edu/coursedescriptions/art/#ART_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80857 001 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	FADS 123	Gascoigne L	Closed

## ART 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience. Prerequisite: 2.0 GPA minimum and department approval.

**Credit Hours:** 1

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_291](http://catalog.jccc.edu/coursedescriptions/art/#ART_291))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83194 963 IND	-----	-	08/19/19-12/15/19		Hughes T	Full
Requirement: Department approval						
83195 964 IND	-----	-	08/19/19-12/15/19		Sands C	1 of 1
Requirement: Department approval						

CRN	Days	Time	Date	Location	Instructor	Seats Open
83197 965 IND	-----	-	08/19/19-12/15/19		Hughes T	Full
Requirement: Department approval						
83205 966 IND	-----	-	08/19/19-12/15/19		Kligman M	1 of 1
Requirement: Department approval						

## ART 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to the study of fine art, not usually taught in the curriculum. Due to the breadth and depth of the discipline, this course may expand upon a topic introduced in a current course, synthesize topics that cross-cut existing courses, or explore a topic not addressed currently in the Fine Arts curriculum. Students may repeat Special Topics in Fine Arts for credit but only on different topics.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/art/#ART\\_292](http://catalog.jccc.edu/coursedescriptions/art/#ART_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80865 001 F2F	-T-R--	12:00-02:50 PM	08/20/19-12/15/19	FADS 125	Cowardin M	Closed
This section's title is <b>Wood Sculpture Wood Sculpture Wood Sculpture</b> .						
80866 002 F2F	-T-R--	12:00-02:50 PM	08/20/19-12/15/19	FADS 104	Stewart M	Closed
This section's title is <b>Printmaking: Monoprints and Monotypes</b> .						

## Art History

### ARTH 180 - Art History: Ancient to Renaissance

This course will acquaint students with the arts and ideas of world civilizations from the prehistoric period to the beginning of the Italian Renaissance. The course will examine the aesthetic elements that mark the styles of major periods in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/arth/#ARTH\\_180](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80557 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 352	DiCamillo R	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80558 002 F2F	M-----	04:00-06:45 PM	08/19/19-12/15/19	ITC 134	Meadows B	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80559 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Zell V	Closed
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
80560 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Newlands J	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80561 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Dolemba M	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
83222 354 ONLNE	-----	-	12/11/19-01/08/20	Online	Smith A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						

## ARTH 182 - Art History: Renaissance to Modern ▶

This course will acquaint students with the arts and ideas of Western cultures from the beginning of the Italian Renaissance to the present. The course will examine the aesthetic elements that mark the styles of major periods in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/arth/#ARTH\\_182](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_182))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80562</b> 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 352	Zell V	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80563</b> 002 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 352	DiCamillo R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80564</b> 003 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 352	Karaim T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80565</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Newlands J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80566</b> 352 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Zell V	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80567</b> 353 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	DiCamillo R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						

## ARTH 184 - Art History: Twentieth Century

This course introduces the student to the arts and ideas of Western Europe and the United States from the late 19th century to the present. The course will examine the aesthetic elements that mark the styles of major movements in two-dimensional, three-dimensional and architectural works. Particular attention will be paid to the relationship between artistic elements and their various cultural and historical contexts.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/arth/#ARTH\\_184](http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_184))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80568</b> 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 352	Smith A	<b>Closed</b>
<b>82544</b> 353 ONLNE	-----	-	10/14/19-12/08/19	<b>Online</b>	Smith A	<b>Closed</b>
<i>General Education Designation</i>						
<b>82545</b> 354 ONLNE	-----	-	10/14/19-12/08/19	<b>Online</b>	Smith A	<b>Closed</b>
<i>General Education Designation</i>						

## American Sign Language

### ASL 120 - Elementary American Sign Language I

This class will focus on the development of beginning American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. A minimum grade of "C" is required to continue in the ASL program. 6 hrs. integrated lecture/lab/wk. ASL 120 and FL 180 are the same course. Do not enroll in both.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_120](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82118</b> 001 F2F <i>SB 155 Excel in CTE</i>	M-W-F--	10:00-11:50 AM	08/19/19-12/15/19	GEB 311	Symansky R	<b>Closed</b>
<b>82143</b> 002 F2F <i>SB 155 Excel in CTE</i>	M-W-F--	12:00-01:50 PM	08/19/19-12/15/19	GEB 311	Kuhns K	<b>Closed</b>
<b>82144</b> 003 F2F <i>SB 155 Excel in CTE</i>	M-W----	06:00-08:50 PM	08/19/19-12/15/19	GEB 215	Symansky R	<b>Closed</b>
<b>82145</b> 004 F2F <i>SB 155 Excel in CTE</i>	-T-R---	11:00-01:50 PM	08/20/19-12/15/19	GEB 215	Symansky R	<b>Closed</b>
<b>82147</b> 005 F2F <i>SB 155 Excel in CTE</i>	-T-R---	01:00-03:50 PM	08/20/19-12/15/19	GEB 281	Horn-Marsh P	<b>Closed</b>
<b>82149</b> 006 F2F <i>SB 155 Excel in CTE</i>	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	CC 314	Horn-Marsh P	<b>Closed</b>

## ASL 121 - Elementary American Sign Language II

This course will focus on continued development of elementary American Sign Language skills beyond those taught in Elementary ASL I. Students will work on developing communication competencies, concentrating on comprehension and production skills. Information about the linguistic and cultural features will be included in the context of language learning experiences. ASL 121 and FL 181 are the same course. Do not enroll in both. Prerequisite: ASL 120 with a grade of "C" or higher or FL 180 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_121](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82151</b> 001 F2F <i>SB 155 Excel in CTE</i>	M-W-F--	01:00-02:50 PM	08/19/19-12/15/19	GEB 215	Luton D	<b>Closed</b>
<b>82152</b> 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	GEB 311	Symansky R	<b>Closed</b>
<b>82153</b> 003 F2F <i>SB 155 Excel in CTE</i>	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	GEB 311	Luton D	<b>Closed</b>

## ASL 122 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one. Prerequisite: ASL 121 with a grade of "C" or higher or FL 181 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_122](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82156</b> 002 F2F <i>SB 155 Excel in CTE</i>	M-W----	06:00-08:50 PM	08/19/19-12/15/19	GEB 311	Luton D	<b>Closed</b>
<b>82959</b> 003 F2F <i>SB 155 Excel in CTE</i>	M-W-F--	09:00-10:50 AM	08/19/19-12/15/19	GEB 215	Kuhns K	<b>Closed</b>

## ASL 123 - Intermediate American Sign Language II

The course will continue study of intermediate American Sign Language. It is designed to develop further intermediate communication skills in American Sign Language. Information about the linguistic and cultural features will be included in the context of language learning experiences. INTR 123, FL 271 and ASL 123 are the same courses; only enroll in one. Prerequisite: ASL 122 with a grade of "C" or higher or INTR 122 with a grade of "C" or higher or FL 270 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_123](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82159 002 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	GEB 217	Kuhns K	Closed

*SB 155 Excel in CTE*

## ASL 135 - Intro to American Sign Language Linguistics

This course introduces students to the structural and grammatical principles of ASL. Students will explore concepts of equivalency between English and ASL. INTR 135 and ASL 135 are the same course; do not enroll in both. Prerequisite: ASL 122 with a grade of "C" or higher or INTR 122 with a grade of "C" or higher or FL 270 with a grade of "C" or higher.

**Credit Hours:** 3

**Associated Costs:** \$10 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_135](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82160 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	LIB 314	Kuhns K	Closed

*SB 155 Excel in CTE*

## ASL 145 - Introduction to the Deaf Community

This course will prepare students to develop and recognize the diversity within the Deaf Community, significant events and figures in Deaf History, and basic norms and values of Deaf Culture. Students will examine and compare Deaf Culture and hearing culture in America. The daytime sections are open only to students in the interpreter training program. INTR 145 and ASL 145 are the same course; do not enroll in both. Prerequisite or Corequisite: ASL 120 with a grade of "C" or higher or FL 180 with a grade of "C" or higher.

**Credit Hours:** 3

**Associated Costs:** \$10 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_145](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82166 002 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CLB 412	Kuhns K	Closed

*SB 155 Excel in CTE*

## ASL 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition principles. INTR 147 and ASL 147 are the same course; do not enroll in both. Prerequisite: ASL 121 with a grade of "C" or higher or FL 181 with a grade of "C" or higher.

**Credit Hours:** 2

Outline ([http://catalog.jccc.edu/coursedescriptions/asl/#ASL\\_147](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82683 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Luton D	Closed

*SB 155 Excel in CTE*

## Astronomy

### ASTR 120 - Fundamentals of Astronomy

This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/astr/#ASTR\\_120](http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81285 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Patterson J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
NOTE: Students not logging in and completing any attendance-related assignments the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and unit exams are submitted online. The final exam must be taken in the JCCC Testing Center or with an instructor-approved proctor. COURSE DESCRIPTION: This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.						
81286 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Koch W	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
NOTE: Students not logging in and completing any attendance-related assignments the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and unit exams are submitted online. The final exam must be taken in the JCCC Testing Center or with an instructor-approved proctor. COURSE DESCRIPTION: This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.						
81287 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Koch W	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
NOTE: Students not logging in and completing any attendance-related assignments the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and unit exams are submitted online. The final exam must be taken in the JCCC Testing Center or with an instructor-approved proctor. COURSE DESCRIPTION: This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.						
81289 353 ONLNE	-----	-	09/03/19-12/15/19	Online	Patterson J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
NOTE: Late-Start. Students not logging in and completing any attendance-related assignments the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and unit exams are submitted online. The final exam must be taken in the JCCC Testing Center or with an instructor-approved proctor. COURSE DESCRIPTION: This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.						
81291 354 ONLNE	-----	-	10/14/19-12/15/19	Online	Koch W	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
NOTE: Late-Start Accelerated 9-week course. Students not logging in and completing any attendance-related assignments the first week may be dropped for non-attendance. The textbook and all course materials are provided for free online. All assignments and unit exams are submitted online. The final exam must be taken in the JCCC Testing Center or with an instructor-approved proctor. COURSE DESCRIPTION: This course is a study of the universe from the earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture/wk.						
83240 365 ONLNE	-----	-	12/11/19-01/08/20	Online	Koch W	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

## ASTR 122 - Astronomy

This course is a study of the universe from the Earth, moon and planets to the stars and the most distant galaxies. Topics include black holes, quasars, and the origin of the universe and the possibility of life on other planets. Current astronomical discoveries are discussed in class as they occur. Access to astronomical websites is available to students in this course. 3 hrs. lecture, 3 hrs. lab/wk., 5 nighttime telescope sessions are required.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/coursedescriptions/astr/#ASTR\\_122](http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81300 001 F2F	M-----	09:00-10:50 AM	08/19/19-12/15/19	CLB 411	Koch W	Closed
	Lab --W----	09:00-10:50 AM	08/21/19-12/15/19	CLB 411		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	--W----	11:00-11:50 AM	08/21/19-12/15/19	CLB 405		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81302</b> 002 F2F	-T----	09:00-09:50 AM	08/20/19-12/15/19	CLB 411	Patterson J	<b>Closed</b>
	<b>Lab</b> -T----	10:00-11:50 AM	08/20/19-12/15/19	CLB 411		
	---R--	09:00-10:50 AM	08/22/19-12/15/19	CLB 411		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81303</b> 003 F2F	-T----	01:00-01:50 PM	08/20/19-12/15/19	CLB 405	Patterson J	<b>Closed</b>
	<b>Lab</b> -T----	02:00-03:50 PM	08/20/19-12/15/19	CLB 411		
	---R--	01:00-02:50 PM	08/22/19-12/15/19	CLB 405		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81305</b> 380 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Koch W	<b>Closed</b>
	--W----	06:00-06:50 PM	08/21/19-12/15/19	CLB 405		
	<b>Lab</b> --W----	07:00-08:50 PM	08/21/19-12/15/19	CLB 411		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						

## Automotive Technology

### AUTO 114 - Introduction to Automotive Practices

This course is an introductory course required for all students in the Automotive Technology program. Upon successful completion of this course, the student should be able to develop shop safety habits, tool usage, information management and become proficient in general vehicle service and minor electrical diagnosis, while maintaining good work habits and ethics. Emphasis will be placed on learning basic skills needed to enter advanced automotive classes.

**Credit Hours: 4**

**Associated Costs: \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_114](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82688</b> 376 HYB	-T-R--	08:00-10:40 AM	08/20/19-10/10/19	CTE 257	Steffen D	<b>Closed</b>
	<b>Lab</b> -T-R--	11:00-12:40 PM	08/20/19-10/10/19	CTE 154		
	-----	-	08/20/19-10/10/19			
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<b>82689</b> 377 HYB	M-W----	01:00-03:40 PM	08/19/19-10/09/19	CTE 257	Jones M	<b>Closed</b>
	<b>Lab</b> M-W----	04:00-05:40 PM	08/19/19-10/09/19	CTE 154		
	-----	-	08/19/19-10/09/19			
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<b>82690</b> 378 HYB	M-----	05:00-07:40 PM	08/19/19-12/15/19	CTE 257	Stow J	<b>Closed</b>
	<b>Lab</b> M-----	08:00-09:40 PM	08/19/19-12/15/19	CTE 154		
	-----	-	08/19/19-12/15/19			
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<b>82691</b> 379 HYB	----S-	08:00-10:40 AM	08/24/19-12/15/19	CTE 257	Carswell R	<b>Closed</b>
	<b>Lab</b> ----S-	11:00-12:40 PM	08/24/19-12/15/19	CTE 154		
	-----	-	08/24/19-12/15/19			
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						



## AUTO 121 - Small Engine Service

Upon successful completion of this course, the student should be able to compare and contrast operating principles of two-stroke and four-stroke cycle engines. The student should be able to describe lubricating, cooling, fuel and governor systems; troubleshoot engine problems; inspect engine components; and service the fuel, cooling and exhaust systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

**Credit Hours: 3**

**Associated Costs:** \$40 to \$300

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_121](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81046 001 F2F	Lab M-----	06:00-08:40 PM	08/19/19-12/15/19	CTE 150	Fort R	Closed
	--W----	06:00-07:40 PM	08/21/19-12/15/19	CTE 254		

*SB 155 Excel in CTE*

## AUTO 129 - Brakes I

Students will perform system pressure and travel calculations utilizing Pascal's Law, complete service work orders, determine appropriate system pressure tests utilizing service specifications, determine brake system concerns and necessary actions, diagnose poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system, determine how to inspect, fabricate and/or replace brake lines and hoses, determine the service specifications pertaining to the removal, cleaning and refinishing procedures on brake drums, apply drum brake repair and replacement procedures, diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns on disc-brake vehicles, determine disc brake repair and replacement procedures, determine how to accomplish caliper piston retractions, diagnose wheel bearing noise, wheel shimmy and vibration concerns, and determine how to remove, inspect and replace bearing and hub assemblies through a variety of classroom and lab/shop learning and assessment activities. Corequisite: AUTO 131. Prerequisite or Corequisite: AUTO 125.

**Credit Hours: 3**

**Associated Costs:** \$400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_129](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81058 376 HYB	MTWR---	08:00-08:50 AM	10/14/19-12/05/19	CTE 259	Jones M	Closed
	Lab MT-----	09:00-11:40 AM	10/14/19-12/03/19	CTE 154		
	-----	-	10/14/19-12/05/19			

*SB 155 Excel in CTE*

*Accelerating Opportunity KS*

Note: Co-requisite to enroll in AUTO 131 (CRN 81454)

81059 377 HYB	MTWR---	01:00-01:50 PM	10/14/19-12/05/19	CTE 259	Jones M	Closed
	Lab MT-----	02:00-04:40 PM	10/14/19-12/03/19	CTE 154		
	-----	-	10/14/19-12/05/19			

*Accelerating Opportunity KS*

*SB 155 Excel in CTE*

Note: Co-requisite to enroll in AUTO 131 (CRN 81462)

81065 378 HYB	--W-F--	06:00-06:50 PM	08/21/19-12/15/19	CTE 257	Kolb S	Closed
	Lab --W----	07:00-09:40 PM	08/21/19-12/15/19	CTE 154		
	-----	-	08/21/19-12/15/19			

*Accelerating Opportunity KS*

*SB 155 Excel in CTE*

Note: Co-requisite to enroll in AUTO 131 (CRN 81472)

## AUTO 131 - Brakes II

Students will determine necessary brake system correction, conduct system pressure tests utilizing service specifications, perform diagnosis and correction for poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system, conduct inspection, fabrication and/or replacement of brake lines and hoses, diagnose poor stopping noise vibration, pulling, grabbing, dragging or pedal pulsation concerns, perform service specifications pertaining to the removal, cleaning and refinishing procedures on brake drums, perform drum brake repair and replacement procedures, diagnose poor stopping noise vibration, pulling, grabbing, dragging or

pedal pulsation concerns, perform disc brake repair and replacement procedures, machine rotor according to service specifications, perform caliper piston retraction where applicable, inspect and test power assist systems, determine necessary action on wheel bearing noise, wheel shimmy and vibration concern diagnoses, and perform the removal, inspection and replacement of bearing and hub assemblies. Corequisite: AUTO 129. Prerequisite or Corequisite: AUTO 125.

**Credit Hours: 1**

**Associated Costs:** \$0 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_131](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81454</b> 001 F2F	<b>Lab</b> --WR---	09:00-11:40 AM	10/16/19-12/05/19	CTE 154	Jones M	<b>Closed</b>
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> Note: Co-requisite to enroll in AUTO 129 (CRN 81058)						
<b>81462</b> 002 F2F	<b>Lab</b> --WR---	02:00-04:40 PM	10/16/19-12/05/19	CTE 154	Jones M	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> Note: Co-requisite to enroll in AUTO 129 (CRN 81059)						
<b>81472</b> 003 F2F	<b>Lab</b> ----F--	07:00-09:40 PM	08/23/19-12/15/19	CTE 154	Kolb S	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> Note: Co-requisite to enroll in AUTO 129 (81065)						

## AUTO 156 - Electrical I

Students will complete service work orders; describe the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults; identify basic wiring diagram symbols, components, and legend information; perform basic electrical circuit measurements using a DVOM; describe basic circuit characteristics of series, parallel and series parallel circuits through a variety of classroom and shop learning and assessment activities. Prerequisite or Corequisite: AUTO 125.

**Credit Hours: 3**

**Associated Costs:** \$0 to \$400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_156](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81047</b> 376 HYB	M-W----	08:00-10:40 AM	08/19/19-10/09/19	CTE 259	Ireland J	<b>Closed</b>
	<b>Lab</b> M-W----	11:00-12:40 PM	08/19/19-10/09/19	CTE 259		
	-----	-	08/20/19-10/10/19			
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
<b>81048</b> 377 HYB	-T-R---	01:00-03:40 PM	08/20/19-10/10/19	CTE 259	Ireland J	<b>Closed</b>
	<b>Lab</b> -T-R---	04:00-05:40 PM	08/20/19-10/10/19	CTE 259		
	-----	-	08/20/19-10/10/19			
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
<b>81049</b> 378 HYB	-T-----	06:00-07:40 PM	08/20/19-12/15/19	CTE 259	Arnold J	<b>Closed</b>
	-----	-	08/20/19-12/15/19			
	<b>Lab</b> ---R---	06:00-08:40 PM	08/22/19-12/15/19	CTE 259		
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						

## AUTO 165 - Automotive Engine Repair

Upon successful completion of this course, the student should be able to demonstrate an understanding of the four-stroke cycle internal combustion engine. Students should be able to diagnose and repair cylinder heads and cylinder block assemblies to include lubrication and cooling systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. Prerequisite or Corequisite: AUTO 125 or department approval.

**Credit Hours:** 4

**Associated Costs:** \$0 to \$1500

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_165](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81050 376 HYB	M-W----	06:00-06:50 PM	08/19/19-12/15/19	CTE 259	Hall D	Closed
	Lab M-W----	07:00-09:40 PM	08/19/19-12/15/19	CTE 152		
	-----	-	08/19/19-12/15/19			

*SB 155 Excel in CTE  
Accelerating Opportunity KS*

## AUTO 201 - ASE Certification Review

This course will prepare students to take any of the eight (8) basic National Institute for Automotive Service Excellence (ASE) automotive student certification tests. Prerequisite or Corequisite: AUTO 208 and AUTO 209 and AUTO 221 and AUTO 250.

**Credit Hours:** 1

**Associated Costs:** \$30-\$50

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_201](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83084 350 ONLINE	-----	-	08/27/19-12/15/19	Online	James J	Closed

## AUTO 205 - Engine Performance II

Upon successful completion of this course, the student should be able to describe the operation of engine management systems to include: general engine diagnosis, computerized engine controls diagnosis and repair, fuel, air induction, and exhaust diagnosis and repair, and emissions control systems diagnosis and repair. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. Prerequisite: AUTO 161 and AUTO 165.

**Credit Hours:** 3

**Associated Costs:** \$0 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_205](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81051 376 HYB	-T----	12:00-01:40 PM	08/20/19-12/15/19	CTE 257	James J	Closed
	-----	-	08/20/19-12/15/19			
	Lab ---R---	12:00-02:40 PM	08/22/19-12/15/19	CTE 154		

*SB 155 Excel in CTE*

81052 377 HYB	M-----	06:00-07:40 PM	08/19/19-12/15/19	CTE 254	James J	Closed
	-----	-	08/19/19-12/15/19			
	Lab --W----	06:00-08:40 PM	08/21/19-12/15/19	CTE 154		

*SB 155 Excel in CTE*

## AUTO 208 - Electrical III

Upon successful completion of this course, the student should be able to diagnose general electrical system problems, diagnose and repair lighting systems, gauges, warning devices, horns, wiper and washer systems, and accessories. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. Prerequisite: AUTO 165 and AUTO 166.

**Credit Hours:** 3

**Associated Costs:** \$0 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_208](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81053 376 HYB	-T-----	02:00-02:50 PM	08/20/19-12/15/19	CTE 257	James J	Closed
	Lab -T-R---	03:00-05:40 PM	08/20/19-12/15/19	CTE 154		
	-----	-	08/20/19-12/15/19			
<i>SB 155 Excel in CTE</i>						
81054 377 HYB	-T-----	06:00-06:50 PM	08/20/19-12/15/19	CTE 257	James J	Closed
	Lab -T-----	07:00-09:40 PM	08/20/19-12/15/19	CTE 154		
	-----	-	08/20/19-12/15/19			
	Lab ---R---	06:00-08:40 PM	08/22/19-12/15/19	CTE 154		
<i>SB 155 Excel in CTE</i>						

## AUTO 209 - Manual Drive Train and Axles

Upon successful completion of this course, the student should be able to work safely in the shop; perform manual transmission/transaxle diagnosis and repair; clutch diagnosis and repair; drive shaft, half-shaft, universal and constant velocity joint diagnosis and repair; and four wheel drive/all wheel drive diagnosis and repair. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. Prerequisite: AUTO 156.

**Credit Hours: 4**

**Associated Costs:** \$0 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_209](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81055 376 HYB	-T-----	08:30-11:10 AM	08/20/19-12/15/19	CTE 254	Perrodin R	Closed
	-----	-	08/20/19-12/15/19			
	Lab ---R---	08:30-11:10 AM	08/22/19-12/15/19	CTE 150		
<i>SB 155 Excel in CTE</i>						

## AUTO 250 - Automatic Transmissions and Transaxles

Upon completion of this course, the student should be able to diagnose, service and repair various automatic transmissions and automatic transaxles, both on vehicle and off vehicle, including computer-controlled systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. Prerequisite: AUTO 166 and AUTO 205.

**Credit Hours: 4**

**Associated Costs:** \$0 to \$300

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_250](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81056 376 HYB	-T-R---	06:00-06:50 PM	08/20/19-12/15/19	CTE 254	Eddy B	Closed
	Lab -T-R---	07:00-09:40 PM	08/20/19-12/15/19	CTE 150		
	-----	-	08/20/19-12/15/19			
<i>SB 155 Excel in CTE</i>						

## AUTO 271 - Automotive Technology Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students on-the-job experience under the supervision of professionals in the industry. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/auto/#AUTO\\_271](http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81057 500 INT	-----	-	08/19/19-12/15/19		Ireland J	3 of 5

CRN	Days	Time	Date	Location	Instructor	Seats Open
SB 155 Excel in CTE						
Requirement: Department approval						

## Health Occupations







### AVHO 102 - Certified Nurse Aide (CNA)







This course provides classroom and clinical instruction for the primary care of clients in long-term and acute-care facilities. Students learn skills for daily hygiene, bedside care, vital sign measurement, positioning and safe transfer of clients. The class prepares and schedules the student to take the Kansas CNA examination. 96 total contact hrs. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.







**Credit Hours: 5**

**Associated Costs: \$20 to 110**

Outline ([http://catalog.jccc.edu/coursedescriptions/avho/#AVHO\\_102](http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82337</b> 001 F2F	M--R---	05:00-09:00 PM	08/19/19-11/11/19	 OHEC 235	Bond K	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						
<b>82341</b> 002 F2F	-T-R---	05:00-08:00 PM	08/20/19-12/12/19	 OHEC 231	Brune M	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						
<b>82346</b> 004 F2F	--WR---	08:30-03:30 PM	08/21/19-10/10/19	 OHEC 235	Horst K	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						
<b>82347</b> 005 F2F	--WR---	08:30-03:30 PM	10/16/19-12/12/19	 OHEC 235	Horst K	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						
<b>82351</b> 006 F2F	-T-R---	05:00-09:00 PM	08/20/19-11/07/19	 OHEC 233	Schrader L	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						
<b>82353</b> 007 F2F	M-W----	01:00-05:00 PM	08/19/19-11/11/19	 OHEC 233	Schrader L	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82642</b>	120 F2F	M-W----	04:30-08:30 PM	08/19/19-11/11/19	 OHEC 231	Jones R	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82338</b>	376 HYB	----F--	08:00-03:00 PM	10/18/19-12/13/19	 OHEC 233	Brown D	<b>Closed</b>
		-----	-	10/18/19-12/13/19	<b>Online</b>		
<i>SB 155 Excel in CTE</i>							
<i>Mandatory Classroom Meetings</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82339</b>	377 HYB	----F--	08:00-03:00 PM	08/23/19-10/11/19	 OHEC 231	Talbert K	<b>Closed</b>
		-----	-	08/23/19-10/11/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82340</b>	378 HYB	----F--	08:00-03:00 PM	10/18/19-12/13/19	 OHEC 231	Talbert K	<b>Closed</b>
		-----	-	10/18/19-12/13/19	<b>Online</b>		
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
<i>Mandatory Classroom Meetings</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82342</b>	379 HYB	M-----	04:30-07:30 PM	08/19/19-12/09/19	 OHEC 241	Kuria J	<b>Closed</b>
		-----	-	08/19/19-12/09/19	<b>Online</b>		
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
<i>Mandatory Classroom Meetings</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82343</b>	380 HYB	-T-----	04:30-07:30 PM	08/20/19-12/10/19	 OHEC 241	Kuria J	<b>Closed</b>
		-----	-	08/20/19-12/10/19	<b>Online</b>		

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82348</b>	381 HYB	----S-	08:00-03:00 PM	08/24/19-10/12/19	 OHEC 233	Plumberg J	<b>Closed</b>
		-----	-	08/24/19-10/12/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82350</b>	382 HYB	--W----	08:30-03:30 PM	08/21/19-10/09/19	 OHEC 231	Kobularcik L	<b>Closed</b>
		-----	-	08/21/19-10/09/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82626</b>	383 HYB	--W----	08:30-03:30 PM	10/16/19-12/11/19	 OHEC 231	Kobularcik L	<b>Closed</b>
		-----	-	10/16/19-12/11/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82627</b>	384 HYB	--W----	08:00-03:00 PM	08/21/19-10/09/19	 OHEC 241	Reischman C	<b>Closed</b>
		-----	-	08/21/19-10/09/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82628</b>	385 HYB	--W----	08:00-03:30 PM	10/16/19-12/11/19	 OHEC 241	Reischman C	<b>Closed</b>
		-----	-	10/16/19-12/11/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.							
<b>82674</b>	387 HYB	M-----	08:00-03:00 PM	08/19/19-10/14/19	 OHEC 235	Allenbrand E	<b>Closed</b>
		-----	-	08/19/19-10/14/19	<b>Online</b>		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
<i>Accelerating Opportunity KS</i>						
NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips <a href="http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html">www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html</a> before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ( <a href="http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html">www.jccc.edu/admissions/enrollment/waitlist-procedures.html</a> ). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.						

<b>82675</b>	388 HYB	-T-----	08:00-03:00 PM	08/20/19-10/08/19	OHEC 235	Allenbrand E	<b>Closed</b>
		-----	-	08/20/19-10/08/19	<b>Online</b>		

*Mandatory Classroom Meetings*  
*Accelerating Opportunity KS*  
*SB 155 Excel in CTE*

NOTE: Registration for this course will not begin until 8:00 a.m., on Friday, April 26. Students MUST view CNA Enrollment Tips [www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html](http://www.jccc.edu/academics/credit/nursing/certified-nurse-aide/cna-enrollment-tips.html) before April 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. ([www.jccc.edu/admissions/enrollment/waitlist-procedures.html](http://www.jccc.edu/admissions/enrollment/waitlist-procedures.html)). Documentation of current TB skin test-negative results within the last year, current CPR for Health Care Providers and a Social Security Card are required by the first day of class. Prerequisite: ENGL 121 with a grade of "C" or higher or an appropriate reading placement test score.

### AVHO 103 - Certified Nurse Aide Refresher Course (CNA-R)

This 21-hour CNA refresher course provides classroom and laboratory experience to update the inactive CNA. The student will discuss the nurse aide's responsibility in the current health care system and the importance of resident rights. The student will demonstrate safety measures, infection control procedures, personal care skills, measurement of vital signs and transfers, positioning and turning. 21 contact hours. Prerequisite: Kansas CNA Certification and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/avho/#AVHO\\_103](http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>82655</b>	122 F2F	-----S-	09:00-04:30 PM	11/02/19-11/16/19	OHEC 231	Talbert K	<b>Closed</b>

### AVHO 104 - Certified Medication Aide (CMA)

This course includes the development of knowledge related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparation and accurate distribution of medications. Safe administration of oral medications is discussed and demonstrated. Students will be scheduled to take the Kansas CMA examination. 80 contact hrs. Prerequisite: An appropriate reading placement test score, proof of Kansas CNA certification, a current TB skin test within the last year with negative results, current CPR for Health Care Providers documentation and a Social Security card.

**Credit Hours: 4**

**Associated Costs:** \$20 to \$110

Outline ([http://catalog.jccc.edu/coursedescriptions/avho/#AVHO\\_104](http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<b>82345</b>	003 F2F	-T-R---	08:30-12:30 PM	08/20/19-11/07/19	OHEC 233	Pfeffer L	<b>Closed</b>

*Accelerating Opportunity KS*  
*SB 155 Excel in CTE*

## Biology

### BIOL 110 - Nutrition for Life

Designed for students who wish to apply nutrition information to their lives, this course explores how food selection affects body size, body composition, performance, disease resistance, impact on the environment, and longevity. Students will analyze the composition of their diets and develop a plan of action to improve their eating behaviors. This course integrates sustainability concepts.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_110](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_110))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81313 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Markley L	Closed
81314 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Markley L	Closed

## BIOL 121 - Introductory Biology for Non-Majors

This course introduces non-majors to selected concepts and principles that form the foundation of an understanding of how biological systems operate. The importance of scientific methods and processes will be explored. Biological systems will be investigated at a variety of levels, from the chemical to the biosphere, and the unity of diversity of life will be examined in light of evolutionary and genetic processes. 3 hrs. lecture & 2 hrs. instructional lab/wk.

**Credit Hours:** 4

**Associated Costs:** \$0 to 15

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_121](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81402 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CLB 316	Finch D	Closed
	<b>Lab</b> ----F--	09:00-10:50 AM	08/23/19-12/15/19	SCI 207		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81403 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 316	Loring D	Closed
	<b>Lab</b> -T-----	09:00-10:50 AM	08/20/19-12/15/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81404 003 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 314	Vickers J	Closed
	<b>Lab</b> -T-----	09:30-11:20 AM	08/20/19-12/15/19	SCI 203		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81405 004 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 316	Loring D	Closed
	<b>Lab</b> ----F--	11:00-12:50 PM	08/23/19-12/15/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81406 005 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 314	Vickers J	Closed
	<b>Lab</b> -T-----	12:00-01:50 PM	08/20/19-12/15/19	SCI 203		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81407 006 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 314	Vickers J	Closed
	<b>Lab</b> ---R---	09:30-11:20 AM	08/22/19-12/15/19	SCI 207		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81408 007 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 316	EI Mellouki T	Closed
	<b>Lab</b> --W----	01:00-02:50 PM	08/21/19-12/15/19	SCI 203		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81409 008 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 314	Arico J	Closed
	<b>Lab</b> ---R---	12:00-01:50 PM	08/22/19-12/15/19	SCI 207		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81410 009 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 316	Brink M	Closed
	<b>Lab</b> --W----	02:00-03:50 PM	08/21/19-12/15/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81412 011 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 316	Weigand K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	<b>Lab</b> -T-----	01:00-02:50 PM	08/20/19-12/15/19	SCI 207		
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>81413</b> 012 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 316	Loring D	<b>Closed</b>
	<b>Lab</b> ---R---	09:00-10:50 AM	08/22/19-12/15/19	SCI 203		
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>81420</b> 013 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 316	Wu X	<b>Closed</b>
	<b>Lab</b> --W----	11:00-12:50 PM	08/21/19-12/15/19	SCI 203		
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>81421</b> 050 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CLB 314	EI Mellouki T	<b>Closed</b>
	<b>Lab</b> --W----	06:00-07:50 PM	08/21/19-12/15/19	SCI 203		
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>81423</b> 380 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Finch D	<b>Closed</b>
	<b>Lab</b> -T-----	03:00-04:50 PM	08/20/19-12/15/19	SCI 207		
<i>General Education Designation KBOR Seamless Transfer Mandatory Classroom Meetings</i>						
<b>81425</b> 381 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Daggett M	<b>Closed</b>
	<b>Lab</b> -T-----	06:00-07:50 PM	08/20/19-12/15/19	SCI 207		
<i>Mandatory Classroom Meetings General Education Designation KBOR Seamless Transfer</i>						
<b>81426</b> 390 HYB	-----	-	09/03/19-12/15/19	<b>Online</b>	Stawinski S	<b>Closed</b>
	<b>Lab</b> -----S-	01:00-04:50 PM	09/07/19-09/07/19	SCI 207		
	<b>Lab</b> -----S-	01:00-02:50 PM	09/14/19-12/15/19	SCI 207		
<i>General Education Designation Mandatory Classroom Meetings KBOR Seamless Transfer</i>						

## BIOL 124 - Oceanus: Essentials of Oceanography

This course for beginning students focuses on the marine environment as a unique feature of the planet earth and investigates areas of intense scientific and public concern: the pervasiveness of the ocean and its effect on the earth's weather, its stunning physical size and diversity of contained life forms, its contributions to the physical and historical development of man, its impact on geopolitical and economic matters, and the impact of oceanic pollutants and the potential exploitation of marine resources.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_124](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81317</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Gargesh R	<b>Closed</b>
<i>General Education Designation</i>						
<b>81318</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Gargesh R	<b>Closed</b>
<i>General Education Designation</i>						
<b>83247</b> 365 ONLNE	-----	-	12/11/19-01/08/20	<b>Online</b>	Gargesh R	<b>Closed</b>
<i>General Education Designation</i>						

## BIOL 125 - General Botany

This is a survey of the life, growth and structure of plants. Divisions of the plant kingdom will be presented with emphasis on life cycles, anatomy, physiology and ecology of major groups. Students will do microscopic and macroscopic analysis of the major division.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_125\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81322 050 F2F	M-W----	06:00-09:20 PM	08/19/19-12/15/19	CLB 407	Giambrone S	Closed

*General Education Designation*

## BIOL 127 - General Zoology

This is a survey of the life, structure, and growth of animals. Students will concentrate on identifying animals by their structural characteristics and looking at the role adaptation plays in anatomical and physiological features. Students will do dissections and microscopic analysis of the major phyla.

Credit Hours: 5

[Outline \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_127\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81324 001 F2F	M-W----	12:00-03:20 PM	08/19/19-12/15/19	CLB 407	Witters L	Closed
<i>General Education Designation</i>						
81326 002 F2F	-T-R---	09:30-12:50 PM	08/20/19-12/15/19	CLB 407	Holcroft Benson N	Closed
<i>General Education Designation</i>						

## BIOL 130 - Environmental Science ▶

Environmental Science seeks to describe problems and solutions associated with human use of natural resources. Students will study the major physical and biological processes that govern the complex interactions in natural ecosystems. Major course topics include human population growth, resource use and pollution. Practical solutions aimed at sustainability will be identified and examined. This is an introductory, nonscience-major survey course.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_130\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81501 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GP 101	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81502 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GP 101	Layne R	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81503 003 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GP 102	Witters L	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81504 004 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GP 102	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81505 005 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GP 101	Lockard J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81506 006 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GP 101	Lockard J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81507 007 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GP 102	Lockard J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81508 008 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GP 102	Menzel J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81509 009 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GP 102	Menzel J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81510 010 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GP 102	Menzel J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
82247 011 F2F	M-----	01:00-03:50 PM	08/19/19-12/15/19	CLB 405	Ferrero S	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81511 090 F2F	M-W----	04:00-05:30 PM	09/09/19-12/15/19	GP 101	Finley C	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81512 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Witters L	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81513 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Witters L	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81514 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Oden J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81515 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Oden J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81516 354 ONLNE	-----	-	08/19/19-12/15/19	Online	Ferrero S	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81517 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Follo J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
83245 365 ONLNE	-----	-	12/11/19-01/08/20	Online	Follo J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
83246 366 ONLNE	-----	-	12/11/19-01/08/20	Online	Oden J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
82335 380 HYB	M-----	05:30-07:20 PM	08/19/19-12/15/19	GEB 238	Williams D	Closed
	-----	-	08/19/19-12/15/19	Online		

This section's title is **Environmental Science Honors**.

*General Education Designation*

*Honors Course*

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other BIOL 130 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at [honors@jccc.edu](mailto:honors@jccc.edu).

## BIOL 131 - Environmental Science Lab

In this lab, students will learn ecological principles that are necessary for understanding and solving environmental problems. Students will sample the local environment for various types of environmental pollution, conduct lab projects and computer simulations, and attend field trips. Field trips may include a visit to a local wastewater treatment plant, a stream ecosystem and a prairie ecosystem. 2 hrs. lab/wk. plus up to three field trips. BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years. Prerequisite or Corequisite: BIOL 130.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_131](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81518 001 F2F	Lab M-----	11:00-12:50 PM	08/19/19-12/15/19	CLB 303	Ferrero S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81519 002 F2F	Lab -T-----	09:00-10:50 AM	08/20/19-12/15/19	CLB 303	Layne R	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81520 003 F2F	Lab --W----	02:00-03:50 PM	08/21/19-12/15/19	CLB 303	Lockard J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81521 004 F2F	Lab ---R---	10:00-11:50 AM	08/22/19-12/15/19	CLB 303	Witters L	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81522 005 F2F	Lab --W----	12:00-01:50 PM	08/21/19-12/15/19	CLB 303	Finley C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
82336 006 F2F	Lab -T-----	03:30-05:20 PM	08/20/19-12/15/19	CLB 303	Williams D	Closed

This section's title is **Environmental Science Lab Honors**.

*Honors Course*

*General Education Designation*

*KBOR Seamless Transfer*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other BIOL 131 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at [honors@jccc.edu](mailto:honors@jccc.edu).

81587 350 ONLNE	Lab -----	-	08/19/19-12/15/19	Online	Oden J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81589 351 ONLNE	Lab -----	-	08/19/19-12/15/19	Online	Oden J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81593 352 ONLNE	Lab -----	-	08/19/19-12/15/19	Online	Powell S	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						

## BIOL 132 - Introduction to Public Health

This is an introductory course in public health. It provides a background in many areas of public health with an emphasis on the health system and understanding and measuring health, disease and illness. Epidemiology, food safety and animal health will also be examined. Public health emergency preparedness, the public health workforce and public health administration will also be studied. Students will learn about public health nursing, public health education and the role of law and government in public health. Students will also examine environmental and occupational health. The different types of public health professional occupations and future challenges for public health will be examined.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_132](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81338 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Lambart L	Closed
<i>Cultural Diversity Designation</i>						
83242 365 ONLNE	-----	-	12/11/19-01/08/20	Online	Lambart L	Closed
<i>Cultural Diversity Designation</i>						

## BIOL 134 - Principles of Sustainability

Principles of Sustainability introduces students to the social, economic and environmental dimensions of sustainability and sustainable development. The course will critically examine the use of sustainable principles to guide decision making and problem solving in personal, campus, community and global contexts. Students will engage in a variety of individual, group, campus and community activities and collaborate with campus and community offices and agencies in order to identify, assess and address local sustainability needs. Students will be required to present their projects at a public sustainability forum. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_134](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>83248</b> 365 ONLNE	-----	-	12/11/19-01/08/20	<b>Online</b>	Criner K	<b>Closed</b>
<i>General Education Designation</i>						
<i>SB 155 Excel in CTE</i>						
<b>81596</b> 380 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Criner K	<b>Closed</b>
	--W----	05:30-07:30 PM	08/21/19-12/15/19	GP 102		
<i>SB 155 Excel in CTE</i>						
<i>General Education Designation</i>						
<i>Mandatory Classroom Meetings</i>						

## BIOL 135 - Principles of Cell and Molecular Biology ▶

This course is for biology majors and students planning to take additional courses in the life sciences. Subjects covered include the nature of science; the levels of organization and emergent properties of life; basic biochemistry and bioenergetics; cell structure and function; cellular reproduction; Mendelian and molecular genetics and their relationships to the principles of evolution; basic laboratory skills; and experimentation. The lab activities allow for application of the topics presented in the lecture. 3 hrs. lecture, 2 hrs. lab/wk.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_135](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81657</b> 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	RC 370	EI Mellouki T	<b>Closed</b>
	<b>Lab</b> --W----	09:00-10:50 AM	08/21/19-12/15/19	RC 345		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81659</b> 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	RC 370	Arico J	<b>Closed</b>
	<b>Lab</b> M-----	10:00-11:50 AM	08/19/19-12/15/19	RC 345		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81661</b> 003 F2F	<b>Lab</b> M-----	08:00-09:50 AM	08/19/19-12/15/19	RC 345	Mozingo L	<b>Closed</b>
	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	RC 370		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81662</b> 004 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	RC 370	Arico J	<b>Closed</b>
	<b>Lab</b> M-----	02:00-03:50 PM	08/19/19-12/15/19	RC 345		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81664</b> 005 F2F	<b>Lab</b> -T-----	09:00-10:50 AM	08/20/19-12/15/19	RC 345	Giambrone S	<b>Closed</b>
	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	RC 370		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81667</b> 006 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 370	Giambrone S	<b>Closed</b>
	<b>Lab</b> ---R---	02:00-03:50 PM	08/22/19-12/15/19	RC 345		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						



CRN	Days	Time	Date	Location	Instructor	Seats Open
81695 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Blodig J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81710 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Blodig J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81712 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Blodig J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81714 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Lasley L	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81717 354 ONLNE	-----	-	08/19/19-12/15/19	Online	Lasley L	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81719 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Brown S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						

## BIOL 144 - Human Anatomy and Physiology

This course provides basic knowledge on human structures and their function. Students will study the relationship of structures to function in the organ systems of the human body. Emphasis will be on the identification of the anatomical features and their functions. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_144](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_144))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81722 001 F2F	M-W-F--	07:00-09:20 AM	08/19/19-12/15/19	SCI 103	Clark M	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81730 002 F2F	M-W----	09:30-12:50 PM	08/19/19-12/15/19	SCI 103	Wright G	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81732 003 F2F	M-W----	01:30-04:50 PM	08/19/19-12/15/19	SCI 103	Braasch C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81746 004 F2F	-T-R---	07:30-10:50 AM	08/20/19-12/15/19	SCI 103	Thurlby K	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81751 005 F2F	-T-R---	11:00-02:20 PM	08/20/19-12/15/19	SCI 103	Baumgardner B	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81755 006 F2F	-T-R---	02:30-05:50 PM	08/20/19-12/15/19	SCI 103	Schulstrom C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81777 050 F2F	M-W----	06:00-09:20 PM	08/19/19-12/15/19	SCI 103	Cobb A	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81778 051 F2F	-T-R---	06:00-09:20 PM	08/20/19-12/15/19	CLB 313	Watkins L	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation KBOR Seamless Transfer</i>						
81780 200 F2F	M-W----	01:00-04:20 PM	08/19/19-12/15/19	🖨️ OHEC 107	Schulstrom C	Closed
<i>General Education Designation KBOR Seamless Transfer</i>						
81781 201 F2F	-T-R--	08:00-11:20 AM	08/20/19-12/15/19	🖨️ OHEC 107	Wright G	Closed
<i>General Education Designation KBOR Seamless Transfer</i>						
81783 202 F2F	-T-R--	12:00-03:20 PM	08/20/19-12/15/19	🖨️ OHEC 107	Wright G	Closed
<i>KBOR Seamless Transfer General Education Designation</i>						
81784 380 HYB	-----	-	08/19/19-12/15/19	Online	Baumgardner B	Closed
	-T----	06:00-09:50 PM	08/27/19-08/27/19	SCI 103		
	-T----	06:00-09:50 PM	09/10/19-09/10/19	SCI 103		
	-T----	06:00-09:50 PM	09/24/19-09/24/19	SCI 103		
	-T----	06:00-09:50 PM	10/08/19-10/08/19	SCI 103		
	-T----	06:00-09:50 PM	10/22/19-10/22/19	SCI 103		
	-T----	06:00-09:50 PM	11/05/19-11/05/19	SCI 103		
	-T----	06:00-09:50 PM	11/19/19-11/19/19	SCI 103		
	-T----	06:00-09:50 PM	12/03/19-12/03/19	SCI 103		
<i>KBOR Seamless Transfer Mandatory Classroom Meetings General Education Designation</i>						
81785 381 HYB	-----	-	08/19/19-12/15/19	Online	Rupp P	Closed
	---R--	06:00-09:50 PM	08/22/19-08/22/19	SCI 103		
	---R--	06:00-09:50 PM	09/05/19-09/05/19	SCI 103		
	---R--	06:00-09:50 PM	09/19/19-09/19/19	SCI 103		
	---R--	06:00-09:50 PM	10/03/19-10/03/19	SCI 103		
	---R--	06:00-09:50 PM	10/17/19-10/17/19	SCI 103		
	---R--	06:00-09:50 PM	10/31/19-10/31/19	SCI 103		
	---R--	06:00-09:50 PM	11/14/19-11/14/19	SCI 103		
	---R--	06:00-09:50 PM	12/05/19-12/05/19	SCI 103		
<i>KBOR Seamless Transfer Mandatory Classroom Meetings General Education Designation</i>						
81786 382 HYB	-----	-	08/19/19-12/15/19	Online	Rupp P	Closed
	---R--	06:00-09:50 PM	08/29/19-08/29/19	SCI 103		
	---R--	06:00-09:50 PM	09/12/19-09/12/19	SCI 103		
	---R--	06:00-09:50 PM	09/26/19-09/26/19	SCI 103		
	---R--	06:00-09:50 PM	10/10/19-10/10/19	SCI 103		
	---R--	06:00-09:50 PM	10/24/19-10/24/19	SCI 103		
	---R--	06:00-09:50 PM	11/07/19-11/07/19	SCI 103		
	---R--	06:00-09:50 PM	11/21/19-11/21/19	SCI 103		
	---R--	06:00-09:50 PM	12/12/19-12/12/19	SCI 103		
<i>KBOR Seamless Transfer General Education Designation Mandatory Classroom Meetings</i>						
81787 390 HYB	-T----	06:00-09:50 PM	09/03/19-09/03/19	SCI 103	Baumgardner B	Closed
	-----	-	09/03/19-12/15/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-09:50 PM	09/17/19-09/17/19	SCI 103		
	-T-----	06:00-09:50 PM	10/01/19-10/01/19	SCI 103		
	-T-----	06:00-09:50 PM	10/15/19-10/15/19	SCI 103		
	-T-----	06:00-09:50 PM	10/29/19-10/29/19	SCI 103		
	-T-----	06:00-09:50 PM	11/12/19-11/12/19	SCI 103		
	-T-----	06:00-09:50 PM	11/26/19-11/26/19	SCI 103		
	-T-----	06:00-09:50 PM	12/10/19-12/10/19	SCI 103		

General Education Designation  
 KBOR Seamless Transfer  
 Mandatory Classroom Meetings

## BIOL 150 - Biology of Organisms ▶

This is a survey of the three domains of life. Archaea, bacteria, and eukaryotes will be presented, with emphasis on life cycles, anatomy, physiology, evolution, and ecology of the major groups. Prerequisite: (RDG 126 or College Reading Readiness) and (BIOL 125 or BIOL 127 or BIOL 135) or department approval.

**Credit Hours: 5**

**Associated Costs: \$15**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_150](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81334</b> 001 F2F	M-W----	08:00-11:20 AM	08/19/19-12/15/19	CLB 407	Holcroft Benson N	<b>Closed</b>

General Education Designation  
 KBOR Seamless Transfer

<b>81335</b> 050 F2F	-T-R---	06:00-09:20 PM	08/20/19-12/15/19	CLB 407	Holcroft Benson N	<b>Closed</b>
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General Education Designation  
 KBOR Seamless Transfer

## BIOL 155 - Bioethics

This course introduces students to the scientific, ethical and legal issues relevant to the discipline of biology and those raised by the rapid development of new biological technologies. Students will examine the major theories of ethics, including deontology, utilitarianism, and select others. Topics include: beginning of life issues such as contraception, abortion, and nontraditional methods of human reproduction; end of life issues such as advance healthcare directives and physician-assisted suicide; and other issues such as experimentation on human and animal subjects and human environmental impacts. BIOL 155 and PHIL 155 are the same courses; only enroll in one. Prerequisite: BIOL 121 or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_155](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81598</b> 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Williams D	<b>Closed</b>

## BIOL 205 - General Genetics

This introductory course emphasizes human heredity using concepts from classical and modern genetics. Themes of advancing technologies and bioethical issues are interwoven in the basic background fabric of the course. Prerequisite: BIOL 135 with a grade of "C" or higher.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_205](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81789</b> 001 F2F	M-W----	11:00-12:15 PM	08/19/19-12/15/19	RC 370	Mozingo L	<b>Closed</b>
	Lab -W----	12:30-03:15 PM	08/21/19-12/15/19	RC 345		

## BIOL 225 - Human Physiology

This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. Prerequisite: BIOL 140 or BIOL 144. Prerequisite or Corequisite: CHEM 122 or (CHEM 124 and CHEM 125).

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_225](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81790 001 F2F	M-W-F--	10:00-11:50 AM	08/19/19-12/15/19	SCI 111	Thurlby K	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81794 002 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	SCI 111	Menon Parker J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81795 003 F2F	-T-R---	08:00-10:45 AM	08/20/19-12/15/19	SCI 111	Sullivan C	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81796 004 F2F	-T-R---	02:00-04:50 PM	08/20/19-12/15/19	SCI 111	Sullivan C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81798 050 F2F	M-W----	06:00-08:45 PM	08/19/19-12/15/19	SCI 111	Lasley L	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81799 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Sullivan C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i> NOTE: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. Prerequisite: BIOL 140 or BIOL 144. Prerequisite or Corequisite: CHEM 122 or (CHEM 124 and CHEM 125).						
81800 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Sullivan C	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> NOTE: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. Prerequisite: BIOL 140 or BIOL 144. Prerequisite or Corequisite: CHEM 122 or (CHEM 124 and CHEM 125).						
81801 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Thurlby K	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> NOTE: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. Prerequisite: BIOL 140 or BIOL 144. Prerequisite or Corequisite: CHEM 122 or (CHEM 124 and CHEM 125).						
81802 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Osterhaus G	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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General Education Designation

KBOR Seamless Transfer

NOTE: Exams are taken on campus at the JCCC testing center or an approved testing lab. All lab work is computer based and will be completed online. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. Prerequisite: BIOL 140 or BIOL 144. Prerequisite or Corequisite: CHEM 122 or (CHEM 124 and CHEM 125).

## BIOL 227 - Human Pathophysiology

This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_227](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81804 001 F2F	M-W----	02:00-03:50 PM	08/19/19-12/15/19	GEB 217	Salah S	Closed
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81806 002 F2F	-T-R---	11:00-12:50 PM	08/20/19-12/15/19	SCI 111	Menon Parker J	Closed
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NOTE: This section uses a modified flipped classroom style of teaching. Students will watch the majority of lectures at home on the topics. In class, students will do projects associated with the content covered in the lecture material. Students are encouraged to work together and with the instructor to work through the homework.----

----- COURSE DESCRIPTION: This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

81809 003 F2F	-T-R---	02:00-03:50 PM	08/20/19-12/15/19	SCI 122	Salah S	Closed
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81811 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark M	Closed
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NOTE: Tests will be taken on campus in the Testing Center or at an approved testing site. COURSE DESCRIPTION: This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

81820 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark M	Closed
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NOTE: Tests will be taken on campus in the Testing Center or at an approved testing site. COURSE DESCRIPTION: This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

81821 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark M	Closed
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NOTE: Tests will be taken on campus in the Testing Center or at an approved testing site. COURSE DESCRIPTION: This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

81825 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Osterhaus G	Closed
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NOTE: Tests will be taken on campus in the Testing Center or at an approved testing site. COURSE DESCRIPTION: This introduction to the physiology of disease covers common disorders of the body from the cellular to the systemic level. Topics include causes, symptoms, diagnostic tests and treatments of disease. Prerequisite: BIOL 144 or BIOL 225.

## BIOL 230 - Microbiology

This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) or one year of high school chemistry.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_230](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81826 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	SCI 116	Cunningham J	Closed
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General Education Designation

81828 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	SCI 116	Cunningham J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
81829 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	SCI 116	Cunningham J	Closed
<i>General Education Designation</i>						
81832 004 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	SCI 116	Seitz H	Closed
<i>General Education Designation</i>						
81834 005 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	SCI 116	Weigand K	Closed
<i>General Education Designation</i>						
81836 050 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	SCI 116	Beaty M	Closed
<i>General Education Designation</i>						
81840 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Seitz H	Closed
<i>General Education Designation</i>						
NOTE: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation. COURSE DESCRIPTION: This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) or one year of high school chemistry.						
81841 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Seitz H	Closed
<i>General Education Designation</i>						
NOTE: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation. COURSE DESCRIPTION: This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) or one year of high school chemistry.						
81842 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Weigand K	Closed
<i>General Education Designation</i>						
NOTE: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation. COURSE DESCRIPTION: This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) or one year of high school chemistry.						
81844 353 ONLNE	-----	-	09/03/19-12/15/19	Online	Ducote M	Closed

*General Education Designation*  
NOTE: Late-Start Course. Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation. COURSE DESCRIPTION: This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) or one year of high school chemistry.

## BIOL 231 - Microbiology Lab

Students will learn aseptic techniques and apply them in the isolation of pure cultures of bacteria. Students will also perform various staining techniques and chemical tests to identify these bacteria. The response of bacteria to changes in environmental conditions will also be examined. Various life stages of medically important parasites will also be observed. Prerequisite or Corequisite: BIOL 230.

**Credit Hours: 2**

**Associated Costs: \$35**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_231](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81846 001 F2F	Lab M-W----	08:00-09:50 AM	08/19/19-12/15/19	SCI 113	Daggett M	Closed
<i>General Education Designation</i>						
81849 002 F2F	Lab M-W----	10:00-11:50 AM	08/19/19-12/15/19	SCI 113	Beaty M	Closed
<i>General Education Designation</i>						
81850 003 F2F	Lab M-W----	12:00-01:50 PM	08/19/19-12/15/19	SCI 113	Beaty M	Closed
<i>General Education Designation</i>						
81853 005 F2F	Lab -T-R---	10:00-11:50 AM	08/20/19-12/15/19	SCI 113	Cunningham J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
81856 006 F2F	Lab -T-R---	12:00-01:50 PM	08/20/19-12/15/19	SCI 113	Seitz H	Closed
<i>General Education Designation</i>						
81858 007 F2F	Lab -T-R---	02:00-03:50 PM	08/20/19-12/15/19	SCI 113	Seitz H	Closed
<i>General Education Designation</i>						
81859 008 F2F	Lab -----S-	09:00-01:00 PM	08/24/19-12/15/19	SCI 113	Faulkner M	Closed
<i>General Education Designation</i>						
81860 050 F2F	Lab M-W----	07:30-09:20 PM	08/19/19-12/15/19	SCI 113	Beaty M	Closed
<i>General Education Designation</i>						
81863 051 F2F	Lab -T-R---	07:30-09:20 PM	08/20/19-12/15/19	SCI 113	Wu X	Closed
<i>General Education Designation</i>						

## BIOL 235 - General Nutrition ▶

This introductory course provides a basic knowledge of human nutrition. Students will learn the sources and functions of the various nutrients. They will also explore the interaction of diet, disease prevention and treatment. Through the use of a computerized nutrition program, students will analyze their diets for nutritional deficiencies and excesses. Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) and BIOL 144 or (BIOL 140 and prerequisite or corequisite: BIOL 225).

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_235](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81882 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	SCI 124	Able B	Closed
<i>KBOR Seamless Transfer</i>						
81884 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
81887 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
81889 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Shetty P	Closed
<i>KBOR Seamless Transfer</i>						
81897 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Shetty P	Closed
<i>KBOR Seamless Transfer</i>						

## BIOL 240 - General Pharmacology

This course provides a basic understanding of the science of drugs-how they work and what they do. Students will study various drug concepts including mechanism of action, pharmacologic class, pharmaco-kinetics, pharmacodynamics and clinical implications. Prerequisite: BIOL 225.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_240](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81898 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark M	Closed

NOTE: Students will be required to take course tests in the JCCC Testing Center or at an approved testing site. COURSE DESCRIPTION: This course provides a basic understanding of the science of drugs-how they work and what they do. Students will study various drug concepts including mechanism of action, pharmacologic class, pharmaco-kinetics, pharmacodynamics and clinical implications. Prerequisite: BIOL 225.

## BIOL 255 - Freshwater Ecology

Freshwater Ecology describes the interaction between freshwater organisms and their environment. Structure and function of streams, lakes, wetlands, and groundwater systems will be explored. Students will learn life histories and identification skills for aquatic organisms including plankton, fish, mollusks, insects and plants. The influence of abiotic factors such as temperature, oxygen, and nutrients will be examined. Field and classroom experiments will be used to apply concepts learned. Students will

study local water quality issues and aquatic management strategies to improve ecosystem health.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/biol/#BIOL\\_255](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82582 001 F2F	-T-R--	12:00-01:20 PM	08/20/19-12/15/19	CLB 303	Layne R	Closed
	Lab ---R---	01:30-03:20 PM	08/20/19-12/15/19	CLB 303		

## Business Law

### BLAW 261 - Business Law I

This course introduces students to the organization and structure of the American legal system as it applies to business. Upon successful completion of this course, students should be able to identify potential legal problems in their businesses and recognize when to engage the services of an attorney. The application of legal ethics to business situations will be covered. The distinction between criminal law and civil tort law, and how to apply criminal law and civil law to factual situations involving businesses, will be taught. The common law and Article 2 of the Uniform Commercial Code will be applied to contracts. Intellectual property, the principles of agency, and the different forms of business organizations will be introduced. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/blaw/#BLAW\\_261](http://catalog.jccc.edu/coursedescriptions/blaw/#BLAW_261))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82476 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 381	Leek K	Closed
<i>SB 155 Excel in CTE</i>						
82477 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 379	Leek K	Closed
<i>SB 155 Excel in CTE</i>						
82478 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	RC 342	Branson M	Closed
<i>SB 155 Excel in CTE</i>						
82479 004 F2F	-T-R---	11:00-12:15 PM	08/19/19-12/15/19	GEB 379	Branson M	Closed
<i>SB 155 Excel in CTE</i>						
82480 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Hawk G	Closed
<i>SB 155 Excel in CTE</i>						
82481 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Feagan C	Closed
<i>SB 155 Excel in CTE</i>						
82482 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Feagan C	Closed
<i>SB 155 Excel in CTE</i>						
82483 353 ONLNE	-----	-	08/19/19-10/11/19	Online	Waldman E	Closed
<i>SB 155 Excel in CTE</i>						

### BLAW 263 - Business Law II

A continuation of Business Law I, this course teaches students the principles of property, secured transactions, business formation, corporate law, and administrative law. Upon successful completion of this course, students should be able to identify potential legal problems in their businesses and recognize when to engage the services of an attorney. Concepts of real property, personal property, bailments, estates and trusts, and insurance law will be covered. The formation, operation, and dissolution of the different business forms will be taught. The principles of bankruptcy law, professional responsibility, shareholders' rights, employment law, and environmental law will be introduced. Prerequisite: BLAW 261.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/blaw/#BLAW\\_263](http://catalog.jccc.edu/coursedescriptions/blaw/#BLAW_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82484 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	SCI 122	McEvoy L	Closed
<i>SB 155 Excel in CTE</i>						
82486 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Pener M	Closed
<i>SB 155 Excel in CTE</i>						
82487 351 ONLINE	-----	-	10/21/19-12/15/19	Online	Pener M	Closed
<i>SB 155 Excel in CTE</i>						
83196 352 ONLINE	-----	-	10/21/19-12/15/19	Online	Pener M	Closed
<i>SB 155 Excel in CTE</i>						

## Business Office Technology

### BOT 101 - Keyboarding

This course is for students who do not know how to correctly keyboard by touch. This course is also for students who need to improve their keyboarding speed to at least 25 words per minute. 1 hr./wk.

**Credit Hours:** 1

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_101](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80450 002 F2F	-T-----	06:00-08:40 PM	08/20/19-09/17/19	GEB 351B	Tatum D	Closed
80451 003 F2F	-T-----	06:00-08:40 PM	10/29/19-11/26/19	GEB 351B	Tatum D	Closed

### BOT 103 - Business English and Proofreading

This course will focus on reviewing and applying business English rules by composing grammatically correct sentences and proofreading and correcting grammar errors in printed and electronic documents. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_103](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80452 001 F2F	M-W----	09:00-10:15 AM	08/19/19-12/15/19	GEB 351B	Leiker C	Closed
80453 002 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 353A	Byfield T	Closed

### BOT 105 - Business Document Preparation and Management

This course will prepare students to effectively and efficiently create, format and proofread business documents, such as letters, memos, emails, tables, reports, PDFs, envelopes, labels and other administrative documents, utilizing word processing skills. File management and operating system functions are included. Students will also practice proper keyboarding technique to build speed and accuracy. Prerequisite: BOT 101 or waiver exam.

**Credit Hours:** 3

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_105](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80459 002 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 353A	Byfield T	Closed



## BOT 130 - Business Office Procedures

This course will prepare the student to apply business office procedures relevant to today's digital office. Emphasis will be on essential hard skills including operating office equipment, handling telephone systems, managing calendars, scheduling appointments, organizing meetings, arranging travel, processing mail, handling banking activities and managing records. In addition, the student will learn about the administrative professional career field. 3 hrs.lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_130](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80465 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	10:30-11:45 AM	08/19/19-12/15/19	GEB 351B	Leiker C	Closed
80469 002 F2F <i>SB 155 Excel in CTE</i>	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 351B	Berg J	Closed

## BOT 141 - Electronic Health Records Applications

This course will prepare the student to effectively use an electronic health record and practice management program used in medical practices. Emphasis will be placed on handling patient records and transactions including insurance and claim processing. Students will manage related administrative tasks such as scheduling appointments, posting payments, and creating statements and reports. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$10 to \$20

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_141](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80476 001 F2F <i>SB 155 Excel in CTE</i>	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 351B	Wessel C	Closed

## BOT 150 - Records Management

This course will prepare the student to store, retrieve, protect, transfer, and retain or destroy physical and electronic records. This course provides information about the records management industry, legislation, filing procedures, storage methods, needed supplies and career opportunities. Prerequisite: BOT 106 or CPCA 114 or CPCA 128 or department approval.

**Credit Hours: 3**

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_150](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83118 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	12:30-01:45 PM	08/19/19-12/15/19	GEB 351B	Leiker C	Closed

## BOT 170 - Introduction to Medical Coding and Billing

This course is designed to give the student an overview of the medical insurance billing process. This includes becoming acquainted with ICD-9, ICD-10, HCPCS and CPT procedural coding systems as well as payers. Students will be given hands-on coding advice for optimal insurance reimbursement. Prerequisite: HC 130.

**Credit Hours: 3**

**Associated Costs:** \$10 to \$20

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_170](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80489 001 F2F <i>SB 155 Excel in CTE</i>	---R---	06:00-08:50 PM	08/22/19-12/15/19	GEB 351B	Wessel C	Closed

## BOT 205 - Workplace Professionalism

In this course students will develop and identify behaviors, values and methods that promote professionalism in the workplace.

**Credit Hours:** 1

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_205](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80492 001 F2F	-T-----	06:00-08:40 PM	09/24/19-10/22/19	GEB 353A	Johnstone B	Closed
80493 002 F2F	-T-----	06:00-08:40 PM	10/29/19-11/26/19	GEB 353A	Hair J	Closed

## BOT 260 - Desktop Publishing for the Office

This course will prepare students to use a desktop publishing program to design, format, edit and print business office publications such as letterheads, business cards, newsletters, brochures, emails, business forms, manuals and other promotional materials using basic and advanced desktop publishing features. Prerequisite: CPCA 128.

**Credit Hours:** 3

**Associated Costs:** \$10 to \$20

Outline ([http://catalog.jccc.edu/coursedescriptions/bot/#BOT\\_260](http://catalog.jccc.edu/coursedescriptions/bot/#BOT_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80498 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	GEB 353A	Johnstone B	Closed

## Business

### BUS 121 - Introduction to Business

Upon successful completion of this course, the student should be able to define the free enterprise system and explain the fundamentals of business creation. Students should be able to describe the interrelationship between the different business areas of accounting, finance, information systems, management, operations and marketing. The student should also be able to explain how ethics and responsible business citizenship are applicable to each area of a business. 3 hrs. lecture/wk.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_121](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82161 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 258	Syracuse F	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
82162 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 258	Syracuse F	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
82163 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 254	Horner E	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
82165 004 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 254	Syracuse F	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
82167 005 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 379	Gallagher K	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
82171 006 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	SCI 116	Nikravan S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE KBOR Seamless Transfer</i>						
82170 007 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 256	Nikravan S	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82174 008 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 256	Rasmussen L	Closed
<i>SB 155 Excel in CTE KBOR Seamless Transfer</i>						
82176 009 F2F	-T-----	06:00-09:00 PM	08/20/19-12/15/19	GEB 254	Rasmussen L	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82679 010 F2F	---R---	06:00-09:00 PM	09/12/19-12/15/19	 DSH 206	Rasmussen L	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82177 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE KBOR Seamless Transfer</i>						
82178 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Begley J	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82179 352 ONLNE	-----	-	08/19/19-10/13/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE KBOR Seamless Transfer</i>						
82182 353 ONLNE	-----	-	08/19/19-10/13/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE KBOR Seamless Transfer</i>						
82186 354 ONLNE	-----	-	10/14/19-12/08/19	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82190 356 ONLNE	-----	-	10/14/19-12/08/19	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
82193 357 ONLNE	-----	-	10/14/19-12/08/19	Online	Haverty M	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						
83251 358 ONLNE	-----	-	12/11/19-01/08/20	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer SB 155 Excel in CTE</i>						

## BUS 123 - Personal Finance

Upon successful completion of this course, the student should be able to develop a basic financial plan, calculate principal and interest, identify the types of consumer credit, make housing decisions, fill out a tax form and determine individual insurance needs. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_123](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82197 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 379	Ferguson G	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
82199 002 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 254	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
82200 003 F2F	-T-R---	08:00-10:50 AM	10/15/19-12/08/19	GEB 254	Horner E	Closed
<i>KBOR Seamless Transfer</i>						
82248 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Lundeen S	Closed
<i>KBOR Seamless Transfer</i>						
82249 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
82250 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Begley J	Closed
<i>KBOR Seamless Transfer</i>						
82251 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
82254 356 ONLNE	-----	-	10/14/19-12/08/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
82255 357 ONLNE	-----	-	10/14/19-12/08/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
83252 358 ONLNE	-----	-	12/11/19-01/08/20	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						

## BUS 140 - Principles of Supervision

Upon successful completion of this course, the student should be able to define the supervisor's role within a company and identify the skills necessary to successfully fulfill that role. In addition, the student should be able to determine the supervisor's role in supervising employees on an individual basis and as a group. The student should also be able to apply the principles of supervision in simulated work situations. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_140](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82256 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
82257 351 ONLNE	-----	-	08/19/19-10/13/19	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
82258 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
83253 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						

## BUS 141 - Principles of Management

Upon successful completion of this course, the student should be able to state the basic functions of management, explain the nature of organizations and organizational theories and types, explain the importance of effective communication within the organizational structure, develop and define the techniques for directing and motivating employees, explain the effects of change on an organization, and develop techniques for coping with those effects. In addition, the student should be able to explain and discuss the application of business ethics in managerial decision-making. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_141](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82260</b> 001 F2F <i>SB 155 Excel in CTE</i>	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	RC 342	Webb F	<b>Closed</b>
<b>82259</b> 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 254	Webb F	<b>Closed</b>
<b>82261</b> 003 F2F <i>SB 155 Excel in CTE</i>	-T-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 258	Ferguson G	<b>Closed</b>
<b>82262</b> 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Webb F	<b>Closed</b>
<b>82263</b> 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Webb F	<b>Closed</b>
<b>82264</b> 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	10/14/19-12/08/19	<b>Online</b>	Ferguson G	<b>Closed</b>

## BUS 145 - Small Business Management

Upon successful completion of this course, the student should be able to demonstrate an understanding of management techniques vital to small business. In addition, the student should be able to apply decision making skills in the areas of business start-up choosing the form of ownership, marketing, financial planning and managing the small business. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_145](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82265</b> 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Kolich R	<b>Closed</b>

## BUS 150 - Business Communications

Upon successful completion of this course, the student should be able to explain the role of communication in the business environment and identify the most effective methods for creating, sending and receiving messages. In addition, the student should be able to use effective oral and written communication skills in business; write and evaluate business documents, including letters, memos, and reports using the principles of correct style, organization and format; and prepare an effective oral business presentation. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_150](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82266</b> 001 F2F <i>General Education Designation</i>	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	RC 342	Anderson K	<b>Closed</b>
<b>82267</b> 002 F2F <i>General Education Designation</i>	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 254	Anderson K	<b>Closed</b>
<b>82268</b> 350 ONLNE <i>General Education Designation</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Gaines K	<b>Closed</b>
<b>82269</b> 351 ONLNE <i>General Education Designation</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Gaines K	<b>Closed</b>
<b>82270</b> 352 ONLNE <i>General Education Designation</i>	-----	-	08/19/19-10/13/19	<b>Online</b>	Hughey K	<b>Closed</b>
<b>82271</b> 353 ONLNE <i>General Education Designation</i>	-----	-	10/14/19-12/08/19	<b>Online</b>	Hughey K	<b>Closed</b>
<b>82272</b> 354 ONLNE	-----	-	10/14/19-12/08/19	<b>Online</b>	Haverty M	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
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General Education Designation

## BUS 215 - Savings and Investments

Upon successful completion of this course, the student should be able to define, analyze and evaluate types of savings instruments and other investments. In addition, the student should be able to determine which instruments are desirable for a personal financial plan. The student should also be able to demonstrate an understanding of basic financial-planning concepts and tax-planning procedures. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_215](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82273 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Hussein S	Closed
<i>SB 155 Excel in CTE</i>						
82274 376 HYB	--W----	04:00-06:00 PM	08/19/19-12/15/19	CC 324	Hussein S	Closed
	-----	-	08/21/19-12/15/19	Online		

*SB 155 Excel in CTE*

## BUS 225 - Human Relations

Upon successful completion of this course, the student should be able to evaluate the impact of human relations as it relates to the social system, technical system and administrative system of a work environment. In addition, the student should be able to analyze these systems and their effects on individual group and organizational performance. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_225](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82275 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 254	Syracuse F	Closed
82894 003 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 342	Syracuse F	Closed
82277 004 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	CC 324	Syracuse F	Closed
82278 005 F2F	-T-R---	11:00-01:50 PM	10/14/19-12/08/19	CC 318	Hughey K	Closed
82279 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Smith J	Closed
82280 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Smith J	Closed
82281 352 ONLNE	-----	-	08/19/19-10/13/19	Online	Korb J	Closed
82282 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Korb J	Closed

## BUS 235 - Introduction to International Business

This course is designed to introduce the student to the global economy. Differences in political, economic and cultural forces within countries will be analyzed and national competitiveness assessed. Cross-border trade and investment and the global monetary system will be introduced and analyzed. Competition and a firm's international business strategy in the global marketplace will be examined. Ethical issues in international business global marketing and international human resource management practices will be examined as well.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_235](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82284 376 HYB	--W----	06:05-08:00 PM	08/28/19-12/15/19	CC 324	Hussein S	Closed
	-----	-	08/28/19-12/15/19	Online		

*Cultural Diversity Designation*  
*SB 155 Excel in CTE*

## BUS 243 - Human Resource Management

Upon successful completion of this course, the student should be able to state the principles of human resource management; describe the human resource function as an integral part of management; differentiate between roles of the personnel and line manager in the management of human resources; define and evaluate strategic planning, recruitment, selection and training; define the primary methods of human resource development; employ methods of employer appraisal; and state the major components and coverages of the Equal Employment Opportunity Act and other personnel/human resource-related laws. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/bus/#BUS\\_243](http://catalog.jccc.edu/coursedescriptions/bus/#BUS_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82285 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Gaines K	Closed

*SB 155 Excel in CTE*

## Computer Desktop Publishing

### CDTP 135 - Desktop Photo Manipulation I: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk.

**Credit Hours: 1**

**Associated Costs:** \$15 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_135](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81015 001 F2F	-T-----	06:00-08:45 PM	08/20/19-09/22/19	RC 374	McAtee R	Closed

*SB 155 Excel in CTE*

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

81016 002 F2F	---R---	12:00-02:45 PM	08/22/19-09/22/19	RC 374	Hincks B	Closed
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*SB 155 Excel in CTE*

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

81017 003 F2F	----F--	11:00-01:45 PM	08/23/19-09/22/19	RC 374	McAtee R	Closed
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*SB 155 Excel in CTE*

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

81018 004 F2F	-----S-	11:00-01:45 PM	08/24/19-09/22/19	RC 374	Powers S	Closed
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*SB 155 Excel in CTE*

In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

81019 005 F2F	-T-----	11:00-01:45 PM	09/24/19-10/22/19	RC 374	Mora E	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81020</b>	006	F2F	-T-----	12:00-02:45 PM	09/24/19-10/22/19	RC 374 Hincks B <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81021</b>	007	F2F	--W----	12:00-02:45 PM	09/25/19-10/23/19	RC 374 Hincks B <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81022</b>	008	F2F	M-----	12:00-02:45 PM	09/30/19-10/28/19	RC 374 Hincks B <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81023</b>	009	F2F	--W----	06:00-08:45 PM	10/30/19-12/04/19	RC 374 Mora E <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81024</b>	351	ONLNE	-----	-	08/19/19-09/29/19	Online Epp R <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81025</b>	352	ONLNE	-----	-	08/19/19-09/29/19	Online Harn R <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81026</b>	353	ONLNE	-----	-	11/04/19-12/08/19	Online Epp R <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
<b>81027</b>	354	ONLNE	-----	-	12/11/19-01/08/20	Online Epp R <b>Closed</b>
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of basic techniques on either the Macintosh or PC computer platform. Students will apply techniques to correct, repair, retouch, create selections, and work with layers on a variety of digital photographs and images, including basic scanning techniques. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						

## CDTP 140 - Desktop Publishing I: InDesign

In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk.



**Credit Hours:** 1

**Associated Costs:** \$15 to 90

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_140](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81028 001 F2F	---R---	06:00-08:45 PM	08/22/19-09/22/19	RC 374	Nord E	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						
81029 002 F2F	-T-----	08:00-10:45 AM	10/29/19-12/03/19	RC 374	Hincks B	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						
81030 003 F2F	--W----	12:00-02:45 PM	10/30/19-12/04/19	RC 374	Hincks B	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						
81031 004 F2F	--W----	03:00-05:45 PM	10/30/19-12/04/19	RC 374	Mora E	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						
81032 005 F2F	---R---	08:00-10:45 AM	10/31/19-12/05/19	RC 374	Hincks B	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						
81033 006 F2F	M-----	12:00-02:45 PM	11/04/19-12/02/19	RC 374	Hincks B	Closed
<p>In this career-related course, students will create page layout documents using a variety of basic techniques on either the Macintosh or PC computer platform. Students will produce text material with complex tabs and indents and style attributes. Upon successful completion of the course, students will also be able to group and distribute multiple elements and demonstrate a basic proficiency with drawing tools, multiple document work, drop caps, text rotation, locking items and threading text blocks. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						

### CDTP 145 - Desktop Illustration I: Illustrator

In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk.

**Credit Hours:** 1

**Associated Costs:** \$15 to 90

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_145](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81034 001 F2F	M-----	12:00-02:45 PM	08/19/19-09/29/19	RC 374	Hincks B	Closed
<p><i>SB 155 Excel in CTE</i></p> <p>In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.</p>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81035 002 F2F	-T-----	08:00-10:45 AM	08/20/19-09/22/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81036 003 F2F	-T-----	12:00-02:45 PM	08/20/19-09/22/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81037 004 F2F	--W----	12:00-03:00 PM	08/21/19-09/22/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81038 005 F2F	---R---	08:00-10:45 AM	08/22/19-09/22/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81039 006 F2F	----F--	08:00-10:45 AM	08/23/19-09/22/19	RC 374	Powers S	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81040 351 ONLNE	-----	-	11/04/19-12/08/19	Online	Harn R	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						

## CDTP 155 - Desktop Photo Manipulation II: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of introductory to intermediate techniques on either the Macintosh or PC computer platform. Students will apply techniques to edit masks and channels, process and enhance multiple image file formats, group and apply adjustments to layers, automate common tasks, create composite images, learn and apply intermediate scanning techniques, and apply multiple creative and adjustment filters on a variety of digital photographs and images. Prerequisite: CDTP 135.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_155](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81041 351 ONLNE	-----	-	09/30/19-11/03/19	Online	Harn R	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of introductory to intermediate techniques on either the Macintosh or PC computer platform. Students will apply techniques to edit masks and channels, process and enhance multiple image file formats, group and apply adjustments to layers, automate common tasks, create composite images, learn and apply intermediate scanning techniques, and apply multiple creative and adjustment filters on a variety of digital photographs and images. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						
81042 352 ONLNE	-----	-	09/30/19-11/03/19	Online	Epp R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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*SB 155 Excel in CTE*

In this career-related short course, students will manipulate digital photographs and images using a variety of introductory to intermediate techniques on either the Macintosh or PC computer platform. Students will apply techniques to edit masks and channels, process and enhance multiple image file formats, group and apply adjustments to layers, automate common tasks, create composite images, learn and apply intermediate scanning techniques, and apply multiple creative and adjustment filters on a variety of digital photographs and images. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

### CDTP 160 - Desktop Publishing II: InDesign

In this career-related course, students will create intermediate-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with type styles, threads, columns, special characters, hanging indents, vertical spacing and tables as well as exploring PDF files. Students will also be able to master several aspects of working with graphic images: placing images, linking, clipping paths, libraries, grids, Bezier drawing, compound paths and reflections. Finally, students will work with advanced framing techniques to nest frames within shapes. Prerequisite: CDTP 140.

**Credit Hours:** 1

**Associated Costs:** \$15 to 90

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_160](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83087 002 F2F	---R---	06:00-08:50 PM	10/03/19-10/31/19	RC 374	Nord E	Closed

### CDTP 165 - Desktop Illustration II: Illustrator

In this career-related course, students will create intermediate-level computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will trace an object, create complex gradients with custom blends, create complex objects receding toward a vanishing point, and create an orthogonal projection to simulate depth. Prerequisite: CDTP 145.

**Credit Hours:** 1

**Associated Costs:** \$15 to 90

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_165](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81044 001 F2F	-T-----	08:00-10:45 AM	09/24/19-10/22/19	RC 374	Hincks B	Closed

*SB 155 Excel in CTE*

In this career-related course, students will create intermediate-level computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will trace an object, create complex gradients with custom blends, create complex objects receding toward a vanishing point, and create an orthogonal projection to simulate depth. 1 hr. lecture /wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.

### CDTP 175 - Desktop Photo Manipulation III: Photoshop

In this career-related short course, students will manipulate digital photographs and images using a variety of beginning, intermediate and advanced techniques on either the Macintosh or PC computer platform. Students will apply techniques to create and design typographic elements, use vector drawing techniques, prepare images for print, optimize images for web output, and use a digital photo preparation workflow on a variety of digital photographs and images, including scanned images. Prerequisite: CDTP 155.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP\\_175](http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81045 351 ONLNE	-----	-	10/28/19-12/08/19	Online	Harn R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
In this career-related short course, students will manipulate digital photographs and images using a variety of beginning, intermediate and advanced techniques on either the Macintosh or PC computer platform. Students will apply techniques to create and design typographic elements, use vector drawing techniques, prepare images for print, optimize images for web output, and use a digital photo preparation workflow on a variety of digital photographs and images, including scanned images. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-2330.						

## Civil Engineering Technology

### CET 105 - Construction Methods

This course introduces the student to the terms, methods, procedures, sequences of operation, and types of construction and planning in civil and building construction. This course is typically offered the first half of each semester. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_105](http://catalog.jccc.edu/coursedescriptions/cet/#CET_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81240</b> 001 F2F	MTWR---	08:00-09:20 AM	08/19/19-10/10/19	ITC 187	Eberle D	<b>Closed</b>
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
<b>81241</b> 002 F2F	MTWR---	01:00-02:20 PM	08/19/19-10/10/19	ITC 187	Eberle D	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						

### CET 125 - Construction Specifications

Upon successful completion of this course, the student will be able to describe the phases of a project, identify the bidding requirements, explain contractual relationships between parties, categorize the drawings, write specifications, list warranties and explain contract modifications. Prerequisite or Corequisite: CET 105.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_125](http://catalog.jccc.edu/coursedescriptions/cet/#CET_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81242</b> 001 F2F	MTWR---	08:00-08:50 AM	10/14/19-12/05/19	ITC 187	Dye R	<b>Closed</b>
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
<b>81243</b> 002 F2F	MTWR---	01:00-01:50 PM	10/14/19-12/05/19	ITC 187	Dye R	<b>Closed</b>
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						

### CET 160 - Green Building Fundamentals

This course introduces the student to sustainable design and green building practices used in the construction industry. The goal of the course is to improve the energy and environmental performance of buildings through a better understanding of standard practices used by industry professionals, as well as, to provide students preparation for the Leadership in Energy and Environmental Design (LEED) Professional Accreditation Exam. Course content will focus on sustainable practices as prescribed in the LEED Green Building Rating System.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_160](http://catalog.jccc.edu/coursedescriptions/cet/#CET_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81245</b> 001 F2F	-T-R---	06:00-07:20 PM	08/20/19-12/15/19	ITC 181	Eberle D	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

### CET 205 - Advanced Construction Methods

This course explores various building materials and how they are assembled during the construction process. Topics include wood, brick masonry, steel, concrete, and sustainable construction. Emphasis is placed on field construction techniques over building materials, which is presented in the introductory construction methods course.

Prerequisite: CET 105.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_205](http://catalog.jccc.edu/coursedescriptions/cet/#CET_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81246 001 F2F	M-W----	03:00-04:20 PM	10/14/19-12/04/19	ITC 187	Dye R	Closed
<i>SB 155 Excel in CTE</i>						
81247 002 F2F	-T-R---	03:00-04:20 PM	10/15/19-12/05/19	ITC 187	Eberle D	Closed
<i>SB 155 Excel in CTE</i>						

### CET 229 - Advanced Construction Management

This course builds on the introductory construction management course. The emphasis is on using sustainability to safely and efficiently manage a commercial construction job. Topics include earthmoving and heavy equipment; concrete, masonry, and steel construction; and construction process management. By building with the environment in mind, we can produce buildings that use our limited resources efficiently and provide a healthier environment for the occupants. Prerequisite: CET 129 and MATH 116 or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_229](http://catalog.jccc.edu/coursedescriptions/cet/#CET_229))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81268 002 F2F	M-W----	04:00-05:20 PM	08/19/19-10/09/19	ITC 188	Dye R	Closed
<i>SB 155 Excel in CTE</i>						

### CET 271 - Construction Management Internship I

This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the construction industry. An average of 15 hours per week for the semester of on-the-job training is required. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cet/#CET\\_271](http://catalog.jccc.edu/coursedescriptions/cet/#CET_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81270 500 INT	-----	-	08/19/19-12/15/19		Dye R	3 of 5
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						

## Chemistry

### CHEM 100 - Preparation for Chemistry

This course is designed for students who have never taken high school chemistry, are struggling with their current chemistry course or have anxiety about chemistry. It is intended to prepare students described above for CHEM 122 or CHEM 124; emphasis on study skills, scientific calculations, problem solving and basic chemical concepts. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_100](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81900 380 HYB	-----	-	09/16/19-12/15/19	Online	Clark M	Closed
	--W----	02:00-04:30 PM	09/18/19-12/15/19	SCI 114		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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*Mandatory Classroom Meetings*

NOTE: Late-Start Course. ----- COURSE DESCRIPTION: This course is designed for students who have never taken high school chemistry, are struggling with their current chemistry course or have anxiety about chemistry. It is intended to prepare students described above for CHEM 122 or CHEM 124; emphasis on study skills, scientific calculations, problem solving and basic chemical concepts. 3 hrs. lecture/wk.

## CHEM 120 - Chemistry in Society

This course is designed for non-science majors who seek an understanding of the concepts of chemistry. Historical foundations of chemistry, applications to society and daily life, controversies of contemporary concern and current research topics are explored. Inquiry-based laboratory experiments will illustrate chemical principles. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 4**

**Associated Costs: \$60**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_120](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81901 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark M	Closed
	<b>Lab</b> -----	-	08/19/19-12/15/19	Online		

*General Education Designation  
KBOR Seamless Transfer*

83241 365 ONLNE	-----	-	12/11/19-01/08/20	Online	Clark M	Closed
	<b>Lab</b> -----	-	12/11/19-01/08/20	Online		

*General Education Designation  
KBOR Seamless Transfer*

## CHEM 122 - Principles of Chemistry

This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 5**

**Associated Costs: \$60**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_122](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81902 001 F2F	M-W----	08:00-09:50 AM	08/19/19-12/15/19	SCI 216	Elisabeth E	Closed
	<b>Lab</b> ----F--	08:00-10:50 AM	08/23/19-12/15/19	SCI 215		

*General Education Designation*

81904 002 F2F	<b>Lab</b> M-----	09:00-11:50 AM	08/19/19-12/15/19	SCI 215	Cannell K	Closed
	--W-F--	09:00-10:50 AM	08/21/19-12/15/19	SCI 218		

*General Education Designation*

81905 003 F2F	<b>Lab</b> M-----	10:00-12:50 PM	08/19/19-12/15/19	SCI 213	Herron B	Closed
	--W-F--	10:00-11:50 AM	08/21/19-12/15/19	SCI 216		

*General Education Designation*

81908 004 F2F	M-W----	11:00-12:50 PM	08/19/19-12/15/19	SCI 218	Elisabeth E	Closed
	<b>Lab</b> ----F--	11:00-01:50 PM	08/23/19-12/15/19	SCI 215		

*General Education Designation*

81911 005 F2F	M-W----	12:00-01:50 PM	08/19/19-12/15/19	SCI 216	Harvey M	Closed
	<b>Lab</b> ----F--	12:00-02:50 PM	08/23/19-12/15/19	SCI 213		

*General Education Designation*

81913 006 F2F	<b>Lab</b> M-----	01:00-03:50 PM	08/19/19-12/15/19	SCI 215	Cannell K	Closed
	--W-F--	01:00-02:50 PM	08/21/19-12/15/19	SCI 218		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
81916 007 F2F	-T-----	08:00-08:50 AM	08/20/19-12/15/19	SCI 218	Clark M	<b>Closed</b>
	<b>Lab</b> -T-----	09:00-11:50 AM	08/20/19-12/15/19	SCI 215		
		---R---	08:00-10:50 AM	08/22/19-12/15/19	SCI 218	
<i>General Education Designation</i>						
81919 008 F2F	-T-----	11:00-11:50 AM	08/20/19-12/15/19	SCI 218	Sayegh J	<b>Closed</b>
	<b>Lab</b> -T-----	12:00-02:50 PM	08/20/19-12/15/19	SCI 215		
		---R---	11:00-01:50 PM	08/22/19-12/15/19	SCI 218	
<i>General Education Designation</i>						
81923 010 F2F	-T-R---	01:00-02:50 PM	08/20/19-12/15/19	SCI 216	Herron B	<b>Closed</b>
	<b>Lab</b> --W----	01:00-03:50 PM	08/21/19-12/15/19	SCI 215		
<i>General Education Designation</i>						
81926 050 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	SCI 216	Herron B	<b>Closed</b>
		--W----	06:00-06:50 PM	08/21/19-12/15/19	SCI 216	
	<b>Lab</b> --W----	07:00-09:50 PM	08/21/19-12/15/19	SCI 215		
<i>General Education Designation</i>						
81927 051 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	SCI 216	Scholtz S	<b>Closed</b>
		---R---	06:00-06:50 PM	08/22/19-12/15/19	SCI 216	
	<b>Lab</b> ---R---	07:00-09:50 PM	08/22/19-12/15/19	SCI 215		
<i>General Education Designation</i>						
81930 380 HYB	<b>Lab</b> M-----	02:00-04:50 PM	08/19/19-12/15/19	SCI 213	Jacobsen F	<b>Closed</b>
	-----	-	08/19/19-12/15/19	<b>Online</b>		
<i>General Education Designation</i>						
<i>Mandatory Classroom Meetings</i>						
NOTE: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning. COURSE DESCRIPTION: This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. Prerequisite: RDG 126 or College Reading Readiness.						
81932 381 HYB	<b>Lab</b> M-----	05:30-08:20 PM	08/19/19-12/15/19	SCI 215	Cannell K	<b>Closed</b>
	-----	-	08/19/19-12/15/19	<b>Online</b>		
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
NOTE: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning. COURSE DESCRIPTION: This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. Prerequisite: RDG 126 or College Reading Readiness.						
81933 382 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Elisabeth E	<b>Closed</b>
	<b>Lab</b> -T-----	06:00-08:50 PM	08/20/19-12/15/19	SCI 215		
<i>General Education Designation</i>						
<i>Mandatory Classroom Meetings</i>						
NOTE: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning. COURSE DESCRIPTION: This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. Prerequisite: RDG 126 or College Reading Readiness.						
81935 383 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Clark M	<b>Closed</b>
	<b>Lab</b> ---R---	11:00-01:50 PM	08/22/19-12/15/19	SCI 215		
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
NOTE: On-campus lectures and labs have required attendance. The remaining hours of lecture for this section will be online. Students should contact the instructor one week prior to classes beginning. COURSE DESCRIPTION: This course is an introduction to the fundamentals of chemistry, with emphasis on general concepts of inorganic chemistry and sufficient study of organic chemistry to introduce the student to biochemistry. The student will learn basic definitions and theories of chemistry, solve numerical problems related to chemical principles and apply chemical concepts in laboratory work. Prerequisite: RDG 126 or College Reading Readiness.						

Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. Corequisite: CHEM 125. Prerequisite: RDG 126 or College Reading Readiness. Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_124](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81964 001 F2F	MTWRF--	08:00-08:50 AM	08/19/19-12/15/19	SCI 114	Lehman W	Closed
<i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81976) KBOR Seamless Transfer CHEM 125 (CRN 81976)						
81965 002 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	SCI 114	Lehman W	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81977)						
81966 003 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	SCI 114	Slavin L	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 81978)</i> <i>KBOR Seamless Transfer CHEM 125 (CRN 81978)</i> <i>General Education Designation CHEM 125 (CRN 81978)</i>						
81967 004 F2F	MTWRF--	11:00-11:50 AM	08/19/19-12/15/19	SCI 114	Egan G	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 81979)</i> <i>General Education Designation CHEM 125 (CRN 81979)</i> <i>KBOR Seamless Transfer CHEM 125 (CRN 81979)</i>						
81968 005 F2F	MTWRF--	12:00-12:50 PM	08/19/19-12/15/19	SCI 114	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 81980)</i> <i>KBOR Seamless Transfer CHEM 125 (CRN 81980)</i> <i>General Education Designation CHEM 125 (CRN 81980)</i>						
NOTE: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class the next day do homework problems on the content covered the night before. Students are encouraged to work together and with the instructor to work through the homework.----- -----COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
81969 006 F2F	MTWRF--	01:00-01:50 PM	08/19/19-12/15/19	SCI 114	Britt S	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81981)						
81970 007 F2F	M-W-F--	11:00-12:20 PM	08/19/19-12/15/19	SCI 124	Franklin P	Closed
<i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81982) KBOR Seamless Transfer CHEM 125 (CRN 81982)						
81971 008 F2F	M-W-F--	01:00-02:20 PM	08/19/19-12/15/19	SCI 124	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 81983)</i> <i>General Education Designation CHEM 125 (CRN 81983)</i> <i>KBOR Seamless Transfer CHEM 125 (CRN 81983)</i>						
81972 050 F2F	M-----	06:00-09:50 PM	08/19/19-12/15/19	SCI 114	Khvostenko D	Closed
	--W----	06:00-06:50 PM	08/21/19-12/15/19	SCI 114		
<i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81984) KBOR Seamless Transfer CHEM 125 (CRN 81984)						
81973 051 F2F	-T-----	06:00-06:50 PM	08/20/19-12/15/19	SCI 114	Shah N	Closed
	---R---	06:00-09:50 PM	08/22/19-12/15/19	SCI 114		
<i>General Education Designation</i> Co-requisite to enroll in CHEM 125 (CRN 81985) KBOR Seamless Transfer CHEM 125 (CRN 81985)						



CRN	Days	Time	Date	Location	Instructor	Seats Open
81974 380 HYB	-----	-	08/19/19-12/15/19	Online	Jacobsen F	Closed

Co-requisite to enroll in CHEM 125 (CRN 81986)  
 KBOR Seamless Transfer CHEM 125 (CRN 81986)  
 General Education Designation CHEM 125 (CRN 81986)  
 Mandatory Classroom Meetings CHEM 125 (CRN 81986)

NOTE: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site. COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. Corequisite: CHEM 125. Prerequisite: RDG 126 or College Reading Readiness. Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test.

81975 381 HYB	-----	-	08/19/19-12/15/19	Online	Glass A	Closed
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General Education Designation  
 KBOR Seamless Transfer  
 Co-requisite to enroll in CHEM 125 (CRN 81987)  
 Mandatory Classroom Meetings CHEM 125 (CRN 81987)

NOTE: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site. COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. Corequisite: CHEM 125. Prerequisite: RDG 126 or College Reading Readiness. Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test.

## CHEM 125 - General Chemistry I Lab

Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture will be carried out. Corequisite: CHEM 124. Prerequisite: RDG 126 or College Reading Readiness. Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_125](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81976 001 F2F	Lab M-----	11:00-01:50 PM	08/19/19-12/15/19	SCI 211	Lehman W	Closed
General Education Designation Co-requisite to enroll in CHEM 124 (CRN 81964) KBOR Seamless Transfer CHEM 124 (CRN 81964)						
81977 002 F2F	Lab M-----	02:00-04:50 PM	08/19/19-12/15/19	SCI 211	Lehman W	Closed
Co-requisite to enroll in CHEM 124 (CRN 81965) General Education Designation CHEM 124 (CRN 81965) KBOR Seamless Transfer CHEM 124 (CRN 81965)						
81978 003 F2F	Lab -T-----	11:00-01:50 PM	08/20/19-12/15/19	SCI 211	Slavin L	Closed
General Education Designation Co-requisite to enroll in CHEM 124 (CRN 81966) KBOR Seamless Transfer CHEM 124 (CRN 81966)						
81979 004 F2F	Lab --W----	02:00-04:50 PM	08/21/19-12/15/19	SCI 211	Egan G	Closed
KBOR Seamless Transfer Co-requisite to enroll in CHEM 124 (CRN 81967) General Education Designation CHEM 124 (CRN 81967)						
81980 005 F2F	Lab ---R---	02:00-04:50 PM	08/22/19-12/15/19	SCI 211	Glass A	Closed
KBOR Seamless Transfer Co-requisite to enroll in CHEM 124 (CRN 81968) General Education Designation CHEM 124 (CRN 81968)						
81981 006 F2F	Lab ---R---	08:00-10:50 AM	08/22/19-12/15/19	SCI 211	Britt S	Closed
KBOR Seamless Transfer General Education Designation Co-requisite to enroll in CHEM 124 (CRN 81969)						
81982 007 F2F	Lab -T-----	08:00-10:50 AM	08/20/19-12/15/19	SCI 211	Franklin P	Closed
Co-requisite to enroll in CHEM 124 (CRN 81970) KBOR Seamless Transfer CHEM 124 (CRN 81970) General Education Designation CHEM 124 (CRN 81970)						
81983 008 F2F	Lab -T-----	02:00-04:50 PM	08/20/19-12/15/19	SCI 211	Franklin P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 81971)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 81971)</i>						
<b>81984</b> 050 F2F	<b>Lab</b> --W----	07:00-09:50 PM	08/21/19-12/15/19	SCI 211	Khvostenko D	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 124 (CRN 81972)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 81972)</i>						
<i>General Education Designation CHEM 124 (CRN 81972)</i>						
<b>81985</b> 051 F2F	<b>Lab</b> -T-----	07:00-09:50 PM	08/20/19-12/15/19	SCI 211	Shah N	<b>Closed</b>
<i>General Education Designation</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 81973)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 81973)</i>						
<b>81986</b> 380 F2F	<b>Lab</b> ---R---	06:00-08:50 PM	08/22/19-12/15/19	SCI 211	Jacobsen F	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 124 (CRN 81974)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 81974)</i>						
<i>General Education Designation CHEM 124 (CRN 81974)</i>						
<b>81987</b> 381 F2F	<b>Lab</b> ----S-	09:00-03:00 PM	08/24/19-08/24/19	SCI 211	Glass A	<b>Closed</b>
	<b>Lab</b> ----S-	09:00-03:00 PM	09/07/19-09/07/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	09/21/19-09/21/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	10/05/19-10/05/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	10/19/19-10/19/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	11/02/19-11/02/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	11/16/19-11/16/19	SCI 211		
	<b>Lab</b> ----S-	09:00-03:00 PM	12/07/19-12/07/19	SCI 211		
<i>Co-requisite to enroll in CHEM 124 (CRN 81975)</i>						
<i>General Education Designation CHEM 124 (CRN 81975)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 81975)</i>						

## CHEM 131 - General Chemistry II Lecture

Chemistry 131 is the second semester of a two-semester course in general chemistry in which the student will develop a working knowledge of some of the fundamental concepts and quantitative relationships involved in the study of chemical reactivity. Topics include solutions, chemical kinetics, chemical equilibrium, acid-base chemistry, chemical thermodynamics, electrochemistry, and nuclear chemistry. Corequisite: CHEM 132. Prerequisite: CHEM 124 and CHEM 125.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_131](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81988</b> 001 F2F	MTWR---	08:00-08:50 AM	08/19/19-12/15/19	GEB 217	Glass A	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 81993)</i>						
<i>General Education Designation CHEM 132 (CRN 81993)</i>						
<i>KBOR Seamless Transfer CHEM 132 (CRN 81993)</i>						
<b>81989</b> 002 F2F	MTWR---	09:00-09:50 AM	08/19/19-12/15/19	GEB 217	Egan G	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 81994)</i>						
<b>81990</b> 003 F2F	MTWR---	10:00-10:50 AM	08/19/19-12/15/19	GEB 217	Egan G	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 81995)</i>						
<b>81991</b> 004 F2F	MTWR---	01:00-01:50 PM	08/19/19-12/15/19	GEB 217	Boutte J	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 132 (CRN 81996)</i>						
<i>General Education Designation CHEM 132 (CRN 81996)</i>						
<i>KBOR Seamless Transfer CHEM 132 (CRN 81996)</i>						
<b>81992</b> 050 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	GEB 217	Weems J	<b>Closed</b>
	---R---	06:00-06:50 PM	08/22/19-12/15/19	GEB 217		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 81998)</i>						
<i>General Education Designation CHEM 132 (CRN 81998)</i>						

## CHEM 132 - General Chemistry II Lab ▶

The laboratory consists of qualitative and quantitative experiments designed to parallel and support General Chemistry II Lecture. Corequisite: CHEM 131 Prerequisite: CHEM 124 and CHEM 125 (Students who withdraw from GENERAL CHEMISTRY II LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY II LABORATORY. Students may not withdraw from the laboratory course GENERAL CHEMISTRY II LABORATORY without withdrawing from CHEMISTRY II LECTURE).

**Credit Hours:** 1

**Associated Costs:** \$60

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_132](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81993</b> 001 F2F	<b>Lab</b> ---R---	09:00-11:50 AM	08/22/19-12/15/19	SCI 213	Glass A	<b>Closed</b>
<i>Co-requisite to enroll in CHEM 131 (CRN 81988)</i>						
<i>General Education Designation CHEM 131 (CRN 81988)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 81988)</i>						
<b>81994</b> 002 F2F	<b>Lab</b> ---R---	12:30-03:20 PM	08/22/19-12/15/19	SCI 213	Egan G	<b>Closed</b>
<i>General Education Designation</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 81989)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 81989)</i>						
<b>81995</b> 003 F2F	<b>Lab</b> -T-----	02:00-04:50 PM	08/20/19-12/15/19	SCI 213	Egan G	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 81990)</i>						
<b>81996</b> 004 F2F	<b>Lab</b> --W----	02:00-04:50 PM	08/21/19-12/15/19	SCI 213	Boutte J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 81991)</i>						
<i>General Education Designation CHEM 131 (CRN 81991)</i>						
<b>81998</b> 050 F2F	<b>Lab</b> ---R---	07:00-09:50 PM	08/22/19-12/15/19	SCI 213	Weems J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 81992)</i>						
<i>General Education Designation CHEM 131 (CRN 81992)</i>						

## CHEM 140 - Principles of Organic & Biological Chemistry

This course covers nomenclature, theory and applications of basic organic chemistry and biochemistry in the area of carbohydrates, lipids, proteins and enzymes. The lab activities reinforce the topics presented in the lecture. Prerequisite: (BIOL 121 or BIOL 135) and CHEM 122 or (CHEM 124 and CHEM 125) or department approval.

**Credit Hours:** 5

**Associated Costs:** \$80

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_140](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81999</b> 380 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Harvey M	<b>Closed</b>
	<b>Lab</b> ----F--	09:00-11:50 AM	08/23/19-12/15/19	CLB 307		
<i>General Education Designation</i>						
<i>Mandatory Classroom Meetings</i>						

## CHEM 220 - Organic Chemistry I

Organic Chemistry I is an introduction to the theories and principles of the chemistry carbon compounds. The student will develop an understanding of organic chemistry, which will be useful in the studies of chemistry and related fields such as medicine, engineering and pharmacy. The laboratory is supportive in nature, with a strong emphasis on developing laboratory techniques. Representative compounds will be prepared and used to introduce the student to instrumental analysis. Prerequisite: CHEM 131 and CHEM 132.

**Credit Hours: 5**

**Associated Costs: \$80**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_220](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82001 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	SCI 124	Watson C	Closed
	Lab M-W----	10:00-12:50 PM	08/19/19-12/15/19	CLB 307		
82003 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 314	Watson C	Closed
	Lab M-W----	02:00-04:50 PM	08/19/19-12/15/19	CLB 307		
82004 050 F2F	M-W----	05:30-06:45 PM	08/19/19-12/15/19	SCI 124	Jacobsen F	Closed
	Lab M-W----	07:00-09:50 PM	08/19/19-12/15/19	CLB 307		

NOTE: This section uses a flipped classroom style of teaching. Students will watch lectures at home on the topics and in class do homework problems on the content covered in the lecture videos. Students are encouraged to work together and with the instructor to work through the homework. -----

-----COURSE DESCRIPTION: Organic Chemistry I is an introduction to the theories and principles of the chemistry carbon compounds. The student will develop an understanding of organic chemistry, which will be useful in the studies of chemistry and related fields such as medicine, engineering and pharmacy. The laboratory is supportive in nature, with a strong emphasis on developing laboratory techniques. Representative compounds will be prepared and used to introduce the student to instrumental analysis. Prerequisite: CHEM 131 and CHEM 132.

## CHEM 221 - Organic Chemistry II

Organic Chemistry II is a continuation of Organic Chemistry I, the nomenclature, principles and theories of organic chemistry, with emphasis on electronic theories and reaction mechanisms. Laboratory is supportive in nature with emphasis on developing laboratory techniques and preparation of representative compounds. Organic Chemistry II completes the study of organic chemistry designed to prepare the student for continued work in chemistry and related fields. Prerequisite: CHEM 220.

**Credit Hours: 5**

**Associated Costs: \$80**

Outline ([http://catalog.jccc.edu/coursedescriptions/chem/#CHEM\\_221](http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82007 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	SCI 124	Watson C	Closed
	Lab -T-R---	11:00-01:50 PM	08/20/19-12/15/19	CLB 307		
82009 050 F2F	-T-R---	05:30-06:45 PM	08/20/19-12/15/19	SCI 124	Weldele M	Closed
	Lab -T-R---	07:00-09:50 PM	08/20/19-12/15/19	CLB 307		

## Computer Information Systems

### CIS 124 - Introduction to Computer Concepts and Applications ▶

In this introductory, non-technical computer course, students will learn through hands-on assignments to use current computer technologies to enhance personal and professional productivity. This includes current and emerging computer and Internet technologies, as well as desktop and web-based business applications. Students will learn strategies for evaluating the validity, legitimacy, and productivity potential of future technologies as they emerge, as well as how to assess the privacy risks associated with each. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs: \$10 to 15**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_124](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81433 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Short C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81435 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Horner D	Closed
<i>KBOR Seamless Transfer</i>						
81436 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Pihl C	Closed
<i>KBOR Seamless Transfer</i>						
81437 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
81438 376 HYB	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	RC 344	Horner D	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
81439 377 HYB	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	RC 344	Horner D	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
81440 378 HYB	--W----	06:00-07:50 PM	08/21/19-12/15/19	RC 355	Pihl C	Closed
	-----	-	08/21/19-12/15/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						

## CIS 142 - Beginning Programming using Python

In this introductory course, students will create computer applications that perform tasks and solve problems. Students will utilize fundamental logic, problem-solving techniques and key programming concepts to design, develop and test modular applications written in the Python programming language. 3 hrs. lecture, 2 hrs. open lab/wk.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_142](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81441 376 HYB	M-W----	08:30-09:45 AM	08/19/19-12/15/19	RC 380	Kitchin D	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
81442 377 HYB	M-W----	12:30-01:45 PM	08/19/19-12/15/19	RC 344	Horner D	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81443 378 HYB	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 380	Bellamy R	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81444 379 HYB	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	RC 361	Van Gorp M	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81445 380 HYB	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 344	Leftwich M	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
83048 381 HYB	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	RC 361	Van Gorp M	Closed
	-----	-	08/20/19-12/15/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

Note: Either CIS 142 or CS 134 is accepted as a beginning course for the AS in Information Systems Technology degree and transfers into the BS in Information Technology at KU-Edwards.

## CIS 201 - Introduction to Information Systems

This course introduces students to contemporary information systems and demonstrates how these systems are used throughout global organizations. Students will study key information system components and learn how these components are best leveraged by businesses. This course also provides an introduction to systems and development concepts, technology acquisition and various types of emerging or prevalent application software. Prerequisite: ACCT 121.

**Credit Hours: 3**

**Associated Costs:** \$10 to \$15

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_201](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81446 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Leftwich M	Closed
81448 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Rao A	Closed
81449 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Byers D	Closed
81450 376 HYB	--W----	04:00-05:50 PM	08/21/19-12/15/19	RC 344	Short C	Closed
	-----	-	08/21/19-12/15/19	Online		

Mandatory Classroom Meetings

## CIS 204 - UNIX Scripting and Utilities

This course will cover the concepts and principles related to scripting for the multiuser, multitasking UNIX operating system and its utilities. Students will complete projects in UNIX ranging from using simple commands to writing shell scripts automating repetitive tasks. Prerequisite: CS 134 or CIS 142.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_204](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_204))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81452 001 F2F	M-W----	12:30-01:45 PM	08/19/19-12/15/19	RC 380	Short C	Closed
<i>SB 155 Excel in CTE</i>						
81453 002 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 361	Owens B	Closed
<i>SB 155 Excel in CTE</i>						
81455 003 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	RC 344	Short C	Closed
<i>SB 155 Excel in CTE</i>						
81456 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						

## CIS 240 - Advanced Topics in Java

At the completion of this course, the student should be able to create Java applications for implementation on the Internet and the personal computer. The student will complete projects using Java's built-in features. The course will include generics, input and output streams, serialization, exception handling, multithreading, client-server applications and graphical user interfaces. Prerequisite: CS 205.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_240](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82737 377 HYB	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 347	Audas J	Closed
	-----	-	08/20/19-12/15/19	Online		

## CIS 242 - Introduction to System Design and Analysis

Students will study the basic philosophy and techniques of developing and using business information systems. The emphasis will be on the human involvement necessary in systems design and implementation. The course will address the use of specific technical approaches available in information processing. Prerequisite: CIS 138 or CS 200 or CS 201 or CS 205.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_242](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81458 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	RC 353	Chlopecki S	Closed
<i>SB 155 Excel in CTE</i>						

## CIS 260 - Database Management

At the completion of this course, students should be able to understand the characteristics and objectives of database management systems (DBMS). Topics include database environments, data modeling using the entity-relational model, normalization, logical and physical design, the Structured Query Language (SQL), data quality, database administration and related topics. Students will use a relational DBMS, employ associated tools and write programs to manipulate tables. Prerequisite: CS 200 or CS 201 or CS 205.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_260](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81459 376 HYB	M-W----	11:00-12:15 PM	08/19/19-12/15/19	RC 347	Leftwich M	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81461 377 HYB	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	RC 380	Leftwich M	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81463 378 HYB	--W----	06:00-08:50 PM	08/21/19-12/15/19	RC 344	Chlopecki S	Closed
	-----	-	08/21/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## CIS 264 - Application Development and Programming

This course helps students develop a significant software project while combining previously learned software development skills with contemporary technologies. Students should work within a team to communicate, plan and implement a software application. Proper interviewing and job searching techniques are also explored. Prerequisite: CIS 242 and CIS 260 and (CS 235 or CIS 240 or CS 236 or CS 255).

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_264](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81465 001 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	RC 361	Smith S	Closed
<i>SB 155 Excel in CTE</i>						

## CIS 275 - Web-Enabled Database Programming

At the completion of this course, the student should be able to create dynamic Web pages containing information accessed from a database. The student will complete projects using Web technologies that interface with a database. The course will include graphics, graphical user interfaces, exception handling and event-driven programming. Prerequisite: CS 200 or CS 201 or CS 205.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cis/#CIS\\_275](http://catalog.jccc.edu/coursedescriptions/cis/#CIS_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81468 376 HYB	M-W----	12:30-01:45 PM	08/19/19-12/15/19	RC 361	Smith S	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
81469 377 HYB	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 361	Smith S	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## Cosmetology - Esthetics

### CO 100 - Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, skin treatments, business practices and state law. This class meets 252 lecture hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Corequisite: CO 101. Prerequisite: ENGL 121 with a grade of "C" or higher or RDG 126 with a grade of "C" or higher or an appropriate reading placement test score and department approval.

**Credit Hours: 16**

**Associated Costs:** \$25-\$50

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_100](http://catalog.jccc.edu/coursedescriptions/co/#CO_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82404 200 F2F	MTWR---	08:00-05:00 PM	08/19/19-09/19/19	WPK 180	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	Closed
	----F--	08:00-04:30 PM	08/23/19-09/20/19	WPK 180		
	MT----	08:00-05:00 PM	09/23/19-10/08/19	WPK 180		
This section's title is <b>Esthetics - FT.</b>						
<i>SB 155 Excel in CTE</i>						
82408 220 F2F	MTWR---	05:30-09:30 PM	08/19/19-11/05/19	WPK 180	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	Closed
	-----S-	09:00-01:00 PM	08/24/19-11/02/19	WPK 180		
	MT----	05:30-09:30 PM	11/11/19-12/10/19	WPK 180		

This section's title is **Esthetics - PT.**

*SB 155 Excel in CTE*







## CO 101 - Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, skin treatments, business practices and state law. This class meets 32 clinical hours.

**Credit Hours:** 1

**Corequisite:** CO 100

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_101](http://catalog.jccc.edu/coursedescriptions/co/#CO_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82405 201 F2F	--WR--	08:00-05:00 PM	09/25/19-10/10/19	 WPK 131	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	<b>Closed</b>
	----F--	08:00-04:30 PM	09/27/19-10/11/19	 WPK 131		
This section's title is <b>Esthetics Clinical - FT</b> .						
<i>SB 155 Excel in CTE</i>						
82409 221 F2F	--WR--	05:30-09:30 PM	11/06/19-12/12/19	 WPK 131	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	<b>Closed</b>
	----S-	09:00-01:00 PM	11/09/19-12/14/19	 WPK 131		
This section's title is <b>Esthetics Clinical - PT</b> .						
<i>SB 155 Excel in CTE</i>						


## CO 102 - Intermediate Esthetics

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 136 lecture hours. Corequisite: CO 100.

**Credit Hours:** 9

**Associated Costs:** \$25-\$50

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_102](http://catalog.jccc.edu/coursedescriptions/co/#CO_102))



CRN	Days	Time	Date	Location	Instructor	Seats Open
82406 202 F2F	MT-----	08:00-05:00 PM	10/14/19-12/17/19	 WPK 180	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	<b>Closed</b>
This section's title is <b>Intermediate Esthetics - FT</b> .						
<i>SB 155 Excel in CTE</i>						

## CO 103 - Intermediate Esthetics Clinical

This course provides skill instruction and practical application of skin care in a clinical setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 207 of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Corequisite: CO 102. Prerequisite: CO 100 with a grade of "C" or higher and CO 101 with a grade of "C" or higher.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_103](http://catalog.jccc.edu/coursedescriptions/co/#CO_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82407 203 F2F	--WR---	08:00-05:00 PM	10/16/19-12/19/19	 WPK 131	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	<b>Closed</b>
	----F--	08:00-04:30 PM	10/18/19-12/20/19	 WPK 131		

*SB 155 Excel in CTE*



## CO 110 - Cosmetology I

This course is an introduction to the cosmetology industry. Coursework includes the history of cosmetology, professional image, effective communication skills, salon ecology including microbiology and infection control, trichology, hair design composition, physical and chemical phases of chemical texturizing services, and the law of color. The course also includes basic instruction and practice in shampooing, sculpting, special occasion styling, chemical texturizing and hair coloring. Total contact hours: 400. Corequisite: CO 111. Prerequisite: ENGL 121 with a grade of "C" or higher or RDG 126 with a grade of "C" or higher or an appropriate reading placement test score and department approval.

**Credit Hours: 12**

**Associated Costs:** \$50-\$100

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_110](http://catalog.jccc.edu/coursedescriptions/co/#CO_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82410 210 F2F	MTWR---	08:00-05:00 PM	08/12/19-10/24/19	 WPK 133	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	<b>Closed</b>
	----F--	08:00-04:30 PM	08/16/19-10/25/19	 WPK 133		

*SB 155 Excel in CTE*

## CO 111 - Cosmetology II

This course is an introduction to basic skin care and nail technology theory. Coursework focuses on salon ecology including microbiology and infection control, nail structure, nail diseases and disorders, the function and composition of skin, skin diseases and disorders, hair removal service essentials, and personal and public hygiene. The course also includes basic instruction and practice in manicuring and pedicure procedures, nail enhancement procedures, skin care and facials, hair removal, and facial makeup and artistry. Total contact hours: 240. Corequisite: CO 110. Prerequisite: ENGL 121 with a grade of "C" or higher or RDG 126 with a grade of "C" or higher or an appropriate reading placement test score and department approval.

**Credit Hours: 7**

**Associated Costs:** \$50-\$100

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_111](http://catalog.jccc.edu/coursedescriptions/co/#CO_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82411 211 F2F	MTWR---	08:00-05:00 PM	10/28/19-12/12/19	WPK 133	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	Closed

----F-- 08:00-04:30 PM 11/01/19-12/13/19 WPK 133

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## CO 112 - Cosmetology III

This course provides continuing skill instruction, in the classroom and salon, in shampooing, chemical processes, hair sculpture, special occasion styling and hair design. Coursework includes applied anatomy and physiology, chemistry, electricity, the study of wigs and hair additions, the study of interpersonal relationships, professional communication, career planning, self-management and guest relations. This course includes performing services for clients and models, and maintaining client records in the salon setting. Total contact hours: 340. For enrollment and tuition information, call 913-469-8500, ext.2390. Corequisite: CO 113. Prerequisite: CO 110 with a grade of "C" or higher and CO 111 with a grade of "C" or higher.

**Credit Hours: 10**

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_112](http://catalog.jccc.edu/coursedescriptions/co/#CO_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82412 212 F2F	M-----	08:00-05:00 PM	08/12/19-10/14/19	WPK 177	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	Closed

-TW---- 08:00-05:00 PM 08/13/19-10/16/19 WPK 101

---R--- 11:00-08:00 PM 08/15/19-10/17/19 WPK 101

----F-- 08:00-04:30 PM 08/16/19-10/18/19 WPK 101

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## CO 113 - Cosmetology IV

This course provides continuing skill instruction, in the classroom and salon, in manicuring and pedicure procedures, nail enhancement procedures, facials, hair removal, and facial makeup and artistry. Coursework includes the study of interpersonal relationships, professional communication, guest relations and the Kansas Board of Cosmetology Laws and Regulations. This course includes performing services for clients and models, and maintaining client records in the salon setting. This course also includes completion of "Mini-Board" mock state board practical and written exams, on all the previously taught courses to prepare students for licensing. Total contact hours: 300. For enrollment and tuition information, call 913-469-8500, ext.2390. Corequisite: CO 112. Prerequisite: CO 110 with a grade of "C" or higher and CO 111 with a grade of "C" or higher.

**Credit Hours: 9**

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_113](http://catalog.jccc.edu/coursedescriptions/co/#CO_113))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82413 213 F2F	M-----	08:00-05:00 PM	10/21/19-12/16/19	WPK 177	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D Zhou X Harvey S	Closed

-TW---- 08:00-05:00 PM 10/22/19-12/18/19 WPK 101

---R--- 11:00-08:00 PM 10/24/19-12/19/19 WPK 101

CRN	Days	Time	Date	Location	Instructor	Seats Open
	----F--	08:00-04:30 PM	10/25/19-12/20/19	WPK 101		

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## CO 212 - Cosmetology Instructor Training

This 300 contact hour course is designed to meet the educational requirements for licensure by Kansas Board of Cosmetology for instructors in the cosmetology sciences. Students will attend 56 hours of lecture and participate in 244 hours of observation, clinic supervision and classroom teaching. Topics covered include instructor characteristics, student motivation, methods and evaluation. For enrollment information call 913-469-8500 ext. 2390. Enrollment in this course requires Kansas state licensure in Cosmetology, Esthetics or Nail Technology and a minimum of one year verified practice in trained area. Prerequisite: Current Kansas Cosmetology, Esthetics or Nail Technology License and a minimum of one year of verified practice in trained area and department approval.

**Credit Hours: 9**

Outline ([http://catalog.jccc.edu/coursedescriptions/co/#CO\\_212](http://catalog.jccc.edu/coursedescriptions/co/#CO_212))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82414 222 F2F	M-----	08:00-12:00 PM	08/26/19-12/15/19	WPK 129	Dye K	Closed

## College Success

### COLL 135 - Career and Life Planning

This course helps students make decisions about their college majors, careers and other life goals. It emphasizes career research as a tool for making current career decisions and meeting changes in the future workplace. Students learn a systematic approach for making career and life decisions based on their personalities, interests, skills, and values.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_135](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81060 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	SCI 124	Doyle M	Closed
81061 002 F2F	M-W----	11:00-12:20 PM	08/26/19-12/15/19	OCB 142	Sherk G	Closed
81062 003 F2F	M-W----	09:30-10:50 AM	08/26/19-12/15/19	SCI 118	Sherk G	Closed
81063 004 F2F	-T-R--	09:30-10:50 AM	08/27/19-12/15/19	OCB 107	Gray J	Closed
81064 005 F2F	-T-R--	11:00-12:20 PM	08/27/19-12/15/19	CC 323	Filley D	Closed
81084 006 F2F	-T-R--	12:30-01:50 PM	08/27/19-12/15/19	LIB 353B	Filley D	Closed
81085 007 F2F	--W----	06:00-09:05 PM	09/11/19-12/15/19	LPC D	Stevens L	Closed
81086 008 F2F	-T-----	06:00-09:05 PM	09/10/19-12/15/19	GEB 342	Dominguez D	Closed
81088 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Doyle M	Closed
81089 351 ONLNE	-----	-	09/03/19-12/15/19	Online	Garcia J	Closed
81090 352 ONLNE	-----	-	09/16/19-12/15/19	Online	Doyle M	Closed
83235 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Mann V	Closed
83237 355 ONLNE	-----	-	12/11/19-01/08/20	Online	Doyle M	Closed

## COLL 150 - Job Search Skills

This class presents the skills students need to conduct an effective job search, including locating job leads, writing resumés, employment interviewing and job correspondence. Additionally, students will explore the importance of adapting to changes in the workplace to ensure their job survival and success. The class consists of lectures, activities, discussion and exercises in the career planning and job search process.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_150](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81092 001 F2F	--W----	09:00-09:55 AM	09/11/19-12/15/19	OCB 142	Green D	Closed
81091 350 ONLNE	-----	-	10/14/19-12/08/19	Online	Quinn L	Closed

## COLL 174 - Learning Strategies for Math

This course teaches thinking and study skills specifically geared toward the learning of math. Students practice these skills on their math textbooks and homework assignments as well as in their math class discussions and lectures. This course also addresses feelings and attitudes that may block math learning and offers strategies and techniques designed to overcome these feelings. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_174](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_174))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81093 001 F2F	M-W-F--	09:00-09:55 AM	08/26/19-10/04/19	LIB 305	Kempker K	Closed
81094 002 F2F	M-W-F--	12:00-12:50 PM	08/26/19-10/06/19	LIB 305	Dennis C	Closed
81095 003 F2F	M-W----	04:00-05:15 PM	08/26/19-10/02/19	LIB 303	Thomas M	Closed
81096 004 F2F	-T-R---	09:30-10:45 AM	09/10/19-10/17/19	LIB 303	Kempker K	Closed
81097 005 F2F	-T-R---	11:00-12:15 PM	10/08/19-11/14/19	LIB 303	Dennis C	Closed
81098 006 F2F	M-W-F--	10:00-10:50 AM	10/07/19-11/15/19	LIB 303	Kempker K	Closed
81100 350 ONLNE	-----	-	08/19/19-09/29/19	Online	Putnam T	Closed
81101 351 ONLNE	-----	-	08/26/19-10/06/19	Online	Putnam T	Closed
81102 352 ONLNE	-----	-	10/07/19-11/17/19	Online	Putnam T	Closed

## COLL 176 - College Study Strategies

Upon completion of this course, students will be able to apply a series of strategies for processing college-level information from textbooks and lectures including effective test preparation and taking tests. As the strategies are introduced, students apply them to the content of courses in which they are concurrently enrolled. Upon successful completion of the course, students will have developed a system for learning that can be adapted for use in any learning situation. College Success courses offer students opportunities to acquire the thinking and cognitive skills needed to be a successful learner, including reading textbooks, taking notes, organizing information, and preparing for tests.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_176](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81103 001 F2F	M-W-F--	10:00-10:50 AM	08/26/19-10/04/19	LIB 303	Krumsick K	Closed
81104 002 F2F	M-W-F--	11:00-11:50 AM	08/26/19-10/04/19	LIB 303	Krumsick K	Closed
81106 004 F2F	-T-R---	12:30-01:45 PM	08/27/19-10/03/19	ITC 183	Lassiter A	Closed
81107 005 F2F	-T-R---	11:00-12:15 PM	10/08/19-11/14/19	CLB 314	Gibson A	Closed
81108 006 F2F	-T-----	06:00-08:50 PM	10/08/19-11/12/19	LIB 305	Foat C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
81109 007 F2F	M-W-F--	09:00-09:50 AM	10/28/19-12/06/19	LIB 305	Gibson A	Closed
83167 009 F2F	M-W-F--	01:00-01:50 PM	09/09/19-10/20/19	LIB 305	Pace A	Closed
83168 010 F2F	-T-R---	11:00-12:15 PM	09/09/19-10/20/19	GP 101	Ackelson M	Closed
81111 350 ONLNE	-----	-	08/19/19-09/29/19	Online	Lassiter A	Closed
81112 351 ONLNE	-----	-	09/09/19-10/20/19	Online	Lassiter A	Closed
81113 353 ONLNE	-----	-	10/07/19-11/15/19	Online	Lassiter A	Closed

## COLL 178 - Memory Strategies

In this course, students learn a series of techniques to help them improve their retention and recall of information needed for success in college courses. These techniques provide a systematic approach to learning and remembering. Students immediately use the techniques to learn information from their other college courses. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_178](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_178))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81114 001 F2F	-T-R---	11:00-12:15 PM	08/27/19-10/03/19	LIB 303	Doyle M	Closed
81117 350 ONLNE	-----	-	08/19/19-09/29/19	Online	Massman H	Closed
81118 351 ONLNE	-----	-	09/09/19-10/18/19	Online	Massman H	Closed
81119 352 ONLNE	-----	-	10/07/19-11/15/19	Online	Lassiter A	Closed

## COLL 186 - Exam Strategies

This course offers students an opportunity to explore their own learning styles and to develop appropriate strategies for improving test performance through improved learning procedures. Emphasis will be on practical application of the learned strategies to courses in which the students are concurrently enrolled. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_186](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_186))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81121 002 F2F	M-W-F--	02:00-02:50 PM	08/26/19-10/04/19	LIB 303	Woodward S	Closed
83166 377 ONLNE	-----	-	10/07/19-11/17/19	Online	Massman H	Closed

## COLL 200 - College Success Strategies

This course provides students with opportunities to develop skills and habits that will help them establish and maintain effective learning systems. Students first learn and practice the learning methods in class and then apply these methods to appropriate situations in their other college coursework. The methods, which are based on valid learning and thinking principles, will help students meet the higher-level demands of the subjects encountered in college courses. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/coll/#COLL\\_200](http://catalog.jccc.edu/coursedescriptions/coll/#COLL_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81123 001 F2F	M-W-F--	09:00-09:50 AM	08/26/19-12/15/19	LIB 353B	Doyle M	Closed
81124 002 F2F	M-W-F--	11:00-11:50 AM	08/26/19-12/15/19	LIB 305	Cruse S	Closed
This section of COLL 200 is for current Level IV EAP students. Please contact Holly Milkowart, EAP Chair at 913-469-8500, x3610 or hmilkowa@jccc.edu or Valerie Mann, College Success Chair at 913-469-8500, x3335 or vkempton@jccc.edu for more information.						
81125 003 F2F	-T-R---	11:00-12:20 PM	09/03/19-12/15/19	LIB 305	Johnson G	Closed
81126 004 F2F	--W----	06:00-08:55 PM	09/04/19-12/11/19	LIB 305	Woodward S	Closed
81127 005 F2F	M-W----	12:00-01:25 PM	09/04/19-12/11/19	SCI 116	Ackelson M	Closed
81131 009 F2F	-T-R---	12:30-01:55 PM	09/10/19-12/15/19	GEB 311	Ellis R	Closed
81132 010 F2F	M-W----	03:00-04:45 PM	09/30/19-12/15/19	LIB 305	Woodward S	Closed
82475 012 F2F	M-W----	12:00-01:15 PM	08/19/19-12/15/19	LIB 303	Doyle M	Closed
82576 013 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 107	Cruse S	Closed
82579 014 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 305	Johnson G	Closed
82580 015 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 217	Ellis R	Closed
82581 016 F2F	----S-	09:00-12:00 PM	09/07/19-12/14/19	LIB 305	Ellis R	Closed
81134 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Massman H	Closed
81135 351 ONLNE	-----	-	09/09/19-12/15/19	Online	Ellis R	Closed
81136 352 ONLNE	-----	-	09/30/19-12/15/19	Online	Mann V	Closed
83113 353 ONLNE	-----	-	09/30/19-12/15/19	Online	Mann V	Closed
83178 354 ONLNE	-----	-	09/30/19-12/15/19	Online	Massman H	Closed
83183 355 ONLNE	-----	-	09/09/19-12/15/19	Online	Massman H	Closed
83250 356 ONLNE	-----	-	10/14/19-12/20/19	Online	Massman H	Closed

## Computer Personal Computer App

### CPCA 105 - Introduction to Personal Computers: Windows

This course is designed to give the student an overview of essential personal computer concepts and skills. Current topics include computer terminology, hardware components, system software, application software, file management, email and the internet. Hands-on, real-world projects will be performed to reinforce the concepts taught. 1 hr. lecture /wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_105](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81678 350 ONLNE	-----	-	08/19/19-09/23/19	Online	Mahring B	Closed
81681 351 ONLNE	-----	-	08/19/19-09/23/19	Online	Mahring B	Closed
81682 352 ONLNE	-----	-	08/19/19-09/23/19	Online	Mahring B	Closed
81684 353 ONLNE	-----	-	09/30/19-10/28/19	Online	Mahring B	Closed
81686 354 ONLNE	-----	-	11/04/19-12/02/19	Online	Mahring B	Closed

### CPCA 106 - Introduction to Personal Computers: Macintosh

This course is designed to give the student an overview of essential Macintosh (Mac) computer concepts and skills. Current topics include computer terminology, hardware components, operating system software, application software, file management, email and the internet. Hands-on, real-world projects will be performed to reinforce the concepts taught. 1 hr. lecture/wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_106](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_106))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81687 350 ONLNE	-----	-	09/30/19-10/28/19	Online	Mahring B	Closed
83100 351 ONLNE	-----	-	11/04/19-12/02/19	Online	Mahring B	Closed

*General Education Designation*

## CPCA 108 - Word Processing I: MS Word

Upon successful completion of this course, students will demonstrate proficiency with word processing software on a personal computer. Foundational word processing competencies, including creating, saving and editing documents; inserting and resizing graphic images; creating and applying styles and themes; creating headers and footers; and setting up tables will be covered. Students will also create multipage reports and incorporate desktop publishing concepts and features. Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_108](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81689 350 ONLNE	-----	-	10/01/19-10/29/19	Online	Mahring B	Closed

Microsoft Word Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 109 - Google Apps

This course provides an introduction to the concepts and real-world applications of Google Apps services and applications. Students will explore the most popular Google Apps on the market today, including Google Email, Google Contacts, Google Calendar, Google Docs, Google Drive and Google Sites. Hands-on, practical projects will be performed to reinforce the concepts taught. Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_109](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81691 350 ONLNE	-----	-	10/01/19-10/29/19	Online	Mahring B	Closed

## CPCA 110 - Spreadsheets I: MS Excel

Upon successful completion of this course, students will demonstrate proficiency with spreadsheet software on the personal computer. Business decision-making worksheet models will be created and modified by entering labels, functions and formulas. Various formatting techniques will be applied to enhance the appearance of printed worksheets. Students will also learn to display the worksheet data graphically with the charting capabilities of the software. Prerequisites or corequisites: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_110](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81696 350 ONLNE	-----	-	08/22/19-09/19/19	Online	Smith C	Closed

Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81697 351 ONLNE	-----	-	09/26/19-10/24/19	Online	Smith C	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
81698 352 ONLNE	-----	-	09/26/19-10/24/19	Online	Smith C	Closed
Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
81699 376 HYB	-T-----	06:00-08:45 PM	10/01/19-10/29/19	RC 355	Hultgren S	Closed
	-----	-	10/01/19-10/29/19	Online		

*Mandatory Classroom Meetings*

Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 111 - Spreadsheets II: MS Excel

This course is a continuation of CPCA 110, Spreadsheets I: MS Excel, and will provide the student with intermediate level of spreadsheet concepts. Using typical business scenarios, the student will perform manual and automated "what-if" analyses, manage data in worksheets with tables and database functions and use multiple worksheets to build consolidated statements. Basic macros will be introduced. Prerequisite or Corequisite: CPCA 110 or CPCA 128.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_111](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81701 350 ONLNE	-----	-	10/31/19-12/05/19	Online	Smith C	Closed
Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
81702 351 ONLNE	-----	-	10/31/19-12/05/19	Online	Smith C	Closed
Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
81704 376 HYB	-T-----	06:00-08:45 PM	11/05/19-12/03/19	RC 355	Hultgren S	Closed
	-----	-	11/05/19-12/03/19	Online		

*Mandatory Classroom Meetings*

Microsoft Excel Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 114 - Databases I: MS Access

This course provides an introduction to the concepts and real-world applications of microcomputer relational database software. Foundational database competencies, including building tables, defining fields, relating tables, entering and editing data, filtering and sorting will be covered. Students will query the database to select, calculate and summarize information. Students will build and customize forms and reports. Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or CS 134 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_114](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81705 350 ONLNE	-----	-	08/19/19-09/23/19	Online	Grandgenett C	Closed
<i>SB 155 Excel in CTE</i>						
Microsoft Access Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.						
81706 351 ONLNE	-----	-	09/30/19-11/03/19	Online	Grandgenett C	Closed

*SB 155 Excel in CTE*

Microsoft Access Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 115 - Databases II: MS Access

Upon completion of this course, the student should be able to design and define a relational database, create custom forms and reports for data entry, and build supporting queries. The student should be able to transfer data into and out of the database from various file formats, and manipulate data with introductory macro and programming skills. Prerequisite or Corequisite: CPCA 114.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_115](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81707 350 ONLNE	-----	-	09/30/19-12/02/19	Online	Grandgenett C	Closed

*SB 155 Excel in CTE*

Microsoft Access Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 118 - Groupware: Outlook

This course provides an introduction to the concepts and applications of today's robust email systems. Students will use the application to compose, send, open and reply to email; organize email; manage calendars; use contact management features; and work with tasks. Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_118](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81708 350 ONLNE	-----	-	11/04/19-12/02/19	Online	Mahring B	Closed

Microsoft Outlook Office 2019

## CPCA 120 - Computer User Support Skills

Upon successful completion of this course, students should understand key information and skills for user support professionals, including troubleshooting and problem solving, successful verbal and written communication with users, determining a client's specific needs and training end users. Prerequisite or Corequisite: CPCA 105 or an appropriate score on a waiver test.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_120](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81713 376 HYB	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 353	Manifold K	Closed
	-----	-	08/19/19-12/15/19	Online		

*Mandatory Classroom Meetings*

*SB 155 Excel in CTE*

## CPCA 121 - Introduction to Project Management

Upon completion of this course, the student should be able to effectively manage projects using project management software. Students will learn about project management goals and terminology, create a project schedule and use project management methodologies and tools such as the Gantt chart, critical path method (CPM) and program evaluation review technique (PERT) chart to update a project and communicate project progress to others. Students will use other project management techniques such as applying resources, leveling overallocations, evaluating constraints and analyzing planned versus projected schedule and budget variables. Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_121](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81716 350 ONLNE	-----	-	09/30/19-10/28/19	Online	Hultgren S	Closed
<i>SB 155 Excel in CTE</i>						
81718 376 HYB	----F--	06:00-08:45 PM	11/01/19-12/06/19	RC 353	Hultgren S	Closed
	-----	-	11/01/19-12/06/19	Online		

*SB 155 Excel in CTE*  
Mandatory Classroom Meetings

### CPCA 123 - E-Presentation: MS PowerPoint

Upon successful completion of this course, students will demonstrate proficiency with presentation software on a personal computer. Foundational presentation competencies, including planning, creating and editing a presentation; inserting graphics and objects; creating speaker notes; creating and formatting tables; applying transitions and animations; formatting custom shapes; and creating a self-running presentation, will be covered. Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_123](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81724 350 ONLNE	-----	-	10/31/19-12/05/19	Online	Smith C	Closed

Microsoft PowerPoint Office 2019

### CPCA 125 - Word Processing II: MS Word

This is a continuation of CPCA 108, Word Processing I: MS Word. After completing this course students should be able to use advanced concepts and applications of word processing software. The applications include working with templates, creating and modifying styles, customizing themes, generating a table of contents, using mail merge, linking and embedding objects, creating and editing macros, customizing Word and automating parts of a document. Prerequisite or Corequisite: CPCA 108 or CPCA 128.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_125](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81735 350 ONLNE	-----	-	11/05/19-12/03/19	Online	Mahrng B	Closed

Microsoft Word Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

### CPCA 128 - PC Applications: MS Office

Upon successful completion of this course, students will demonstrate an in-depth proficiency with word processing, spreadsheet, database and presentation graphics applications. Students will use a current operating system to manage windows and applications, and create and organize files and folders. Students will conduct research on the Internet and apply information in secure documents using ethical and social standards of conduct. Hands-on, practical projects will be performed to reinforce the concepts taught.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_128](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81738 350 ONLNE	-----	-	08/22/19-12/15/19	Online	Smith C	Closed

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81740 351 ONLNE	-----	-	08/22/19-12/15/19	Online	Smith C	Closed
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Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

CRN	Days	Time	Date	Location	Instructor	Seats Open
81742 352 ONLNE	-----	-	08/22/19-12/15/19	Online	Kosko J	Closed

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81745 353 ONLNE	-----	-	09/19/19-12/12/19	Online	Kosko J	Closed
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Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81754 376 HYB	M-----	02:00-04:45 PM	08/26/19-12/09/19	RC 355	Jarvis B	Closed
	-----	-	08/26/19-12/09/19	Online		

*Mandatory Classroom Meetings*

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81759 377 HYB	M-----	06:00-08:50 PM	08/26/19-12/09/19	RC 355	Jarvis B	Closed
	-----	-	08/26/19-12/09/19	Online		

*Mandatory Classroom Meetings*

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81764 378 HYB	-T-R--	09:30-10:50 AM	08/27/19-12/12/19	RC 355	Mahring B	Closed
	-----	-	08/27/19-12/12/19	Online		

*Mandatory Classroom Meetings*

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

81767 379 HYB	-T-R--	11:00-12:20 PM	08/27/19-12/12/19	RC 355	Mahring B	Closed
	-----	-	08/27/19-12/12/19	Online		

*Mandatory Classroom Meetings*

Microsoft Office 2019 Note: To additionally enroll in the next level(s) within the sequence of courses, please call 913-469-3803 or stop by the 2nd floor of the Student Success Center.

## CPCA 138 - Windows for Microcomputers

This course is designed to give the student an overview of the Windows Operating System. Topics include personalizing the work environment; advanced personalization and customization techniques; advanced search techniques; managing digital media; and managing networks, security and utilities. Hands-on, real-world projects will be performed to reinforce the concepts taught. Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_138](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81771 350 ONLNE	-----	-	11/05/19-12/03/19	Online	Kosko J	Closed

*SB 155 Excel in CTE*

## CPCA 141 - Internet I

This course will introduce the student to the commands and techniques required to effectively access the resources of the Internet. Students will use Windows applications to browse the Internet, locate and retrieve information and send and receive electronic mail and address security issues on the internet. Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or appropriate score on an assessment test.

**Credit Hours:** 1

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA\\_141](http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81772 350 ONLNE	-----	-	11/05/19-12/03/19	Online	Kosko J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## Computer Science

### CS 134 - Programming Fundamentals

In this introductory course, students will create interactive computer applications that perform tasks and solve problems. Students will design, develop and test object-oriented programs that utilize fundamental logic, problem-solving techniques and key programming concepts. 3 hrs. lecture, 2 hrs. open lab /wk.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_134](http://catalog.jccc.edu/coursedescriptions/cs/#CS_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81540</b> 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Chen I	<b>Closed</b>
<b>81541</b> 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Hansen S	<b>Closed</b>
<b>81542</b> 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Hansen S	<b>Closed</b>
<b>81543</b> 353 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	<b>Online</b>	Nagarajan N	<b>Closed</b>
<b>83170</b> 354 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/21/19-12/15/19	<b>Online</b>	Nagarajan N	<b>Closed</b>
<b>81544</b> 376 HYB <i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>	M-W-F-- -----	10:00-10:50 AM -	08/19/19-12/15/19 08/19/19-12/15/19	RC 380 <b>Online</b>	Damico B	<b>Closed</b>
<b>81545</b> 377 HYB <i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>	M-W-F-- -----	11:00-11:50 AM -	08/19/19-12/15/19 08/19/19-12/15/19	RC 380 <b>Online</b>	Damico B	<b>Closed</b>
<b>81546</b> 378 HYB <i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>	M-W---- -----	02:00-03:15 PM -	08/19/19-12/15/19 08/19/19-12/15/19	RC 347 <b>Online</b>	Rudolph D	<b>Closed</b>
<b>81558</b> 380 HYB <i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>	-T-R--- -----	12:30-01:45 PM -	08/20/19-12/15/19 08/20/19-12/15/19	RC 380 <b>Online</b>	Nyberg C	<b>Closed</b>
<b>81559</b> 381 HYB <i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>	-T-R--- -----	02:00-03:15 PM -	08/20/19-12/15/19 08/20/19-12/15/19	RC 380 <b>Online</b>	VanHorn J	<b>Closed</b>
<b>81565</b> 382 HYB <i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>	--W---- -----	06:00-08:50 PM -	08/21/19-12/15/19 08/21/19-12/15/19	RC 380 <b>Online</b>	Holdman C	<b>Closed</b>
<b>81566</b> 383 HYB <i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>	---R--- -----	06:00-08:50 PM -	08/22/19-12/15/19 08/22/19-12/15/19	RC 380 <b>Online</b>	Kaustinen M	<b>Closed</b>

### CS 200 - Concepts of Programming Algorithms Using C++

This course emphasizes problem solving using a high level programming language and the software development process. Algorithm design and development, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and an introduction to object-oriented programming will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 134 with a grade of "B" or higher or CIS 142 with a grade of "B" or higher or CS 201 or CS 205 or MATH 241 or an appropriate score on department waiver test or department approval.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_200](http://catalog.jccc.edu/coursedescriptions/cs/#CS_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81574 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take three exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.						
81575 376 HYB	M-W----	11:00-12:15 PM	08/19/19-12/15/19	RC 344	Chen I	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81576 377 HYB	M-W----	04:30-05:45 PM	08/19/19-12/15/19	RC 347	Chen I	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81579 378 HYB	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 347	Kier J	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
81581 379 HYB	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 380	Kier J	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## CS 201 - Concepts of Programming Algorithms using C#

This course emphasizes problem-solving using a high level programming language and the software development process. Algorithm design and development, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and an introduction to object-oriented programming will be studied and used to implement algorithms. Prerequisite: CS 134 with a grade of "B" or higher or CIS 142 with a grade of "B" or higher or CS 201 or CS 205 or MATH 241 or an appropriate score on department waiver test or department approval.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_201](http://catalog.jccc.edu/coursedescriptions/cs/#CS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81583 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Van Gorp M	Closed
<i>SB 155 Excel in CTE</i>						

## CS 205 - Concepts of Programming Algorithms using Java

This course emphasizes problem-solving using a high level programming language and the object-oriented software development process. Algorithm design and development, classes and inheritance, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and object-oriented programming will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 134 with a grade of "B" or higher or CIS 142 with a grade of "B" or higher or CS 200 or CS 201 or MATH 241 or an appropriate score on department waiver test or department approval.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_205](http://catalog.jccc.edu/coursedescriptions/cs/#CS_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81588 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Weaver P	Closed
81591 376 HYB <i>SB 155 Excel in CTE Mandatory Classroom Meetings</i>	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 361	Van Gorp M	Closed
	-----	-	08/20/19-12/15/19	Online		
82736 378 HYB <i>SB 155 Excel in CTE</i>	---R---	06:00-08:50 PM	08/22/19-12/15/19	RC 347	Audas J	Closed
	-----	-	08/22/19-12/15/19	Online		

## CS 210 - Discrete Structures I

Upon successful completion of this course, the student should be able to use fundamental discrete mathematics as it relates to computers and computer applications. The student will be exposed to a variety of discrete mathematical topics. The course will include fundamental mathematical principles, combinatorial analysis, mathematical reasoning, graphs and trees, and Boolean logic circuits. Prerequisite: MATH 171 or (MATH 116 and CS 134 ) or an appropriate math assessment score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_210](http://catalog.jccc.edu/coursedescriptions/cs/#CS_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81614 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 355	Hansen S	Closed
81615 003 F2F <i>SB 155 Excel in CTE</i>	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 378	Bryant C	Closed
81613 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Kier J	Closed

Note: Students will be required to take 4-5 exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.

## CS 211 - Discrete Structures II

This second course in Discrete Structures is aimed at solving problems in Computer Science. Students will study computation, induction, recursion, integers, counting, graphs and trees. They will develop general problem-solving and programming skills Prerequisite: CS 210 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_211](http://catalog.jccc.edu/coursedescriptions/cs/#CS_211))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81616 001 F2F <i>SB 155 Excel in CTE</i>	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	OCB 142	VanHorn J	Closed

## CS 235 - Object-Oriented Programming Using C++

This course emphasizes programming methodology and problem solving using the object-oriented paradigm. Students will develop software applications using the object-oriented concepts of data abstraction, encapsulation, inheritance, and polymorphism. Students will apply the C++ techniques of dynamic memory, pointers, built-in classes, function and operator overloading, exception handling, recursion and templates. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 200 or CS 201 or CS 205.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_235](http://catalog.jccc.edu/coursedescriptions/cs/#CS_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81618 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Chen I	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take three exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.						
81625 376 HYB	--W----	06:00-08:45 PM	08/21/19-12/15/19	RC 347	Aljanabi A	<b>Closed</b>
	-----	-	08/21/19-12/15/19	<b>Online</b>		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## CS 236 - Object-Oriented Programming Using C#

This course prepares students to develop object-oriented, C# applications that solve a variety of problems. Students will apply object-oriented concepts including inheritance, function overloading and polymorphism, and will utilize available classes as well as design their own. Event-driven programming, Windows applications, web development, common data structures, database access and frameworks will be presented. 3 hrs. lecture, 2 hrs. open lab/wk. Prerequisite: CS 201.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_236](http://catalog.jccc.edu/coursedescriptions/cs/#CS_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81626 376 HYB	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 344	German D	<b>Closed</b>
	-----	-	08/19/19-12/15/19	<b>Online</b>		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

## CS 250 - Basic Data Structures using C++

This course continues developing problem solving techniques by focusing on object-oriented styles using C++ abstract data types. Basic data structures such as queues, stacks, trees, dictionaries, their associated operations, and their array and pointer implementations will be studied. Topics also include recursion, templates, fundamental algorithm analysis, searching, sorting, hashing, object-oriented concepts and large program organization. Students will write programs using the concepts covered in the lecture. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 235 or (CS 200 and CS 210 or CS 236 or CS 255 or CIS 240 or MATH 242).

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_250](http://catalog.jccc.edu/coursedescriptions/cs/#CS_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81628 376 HYB	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 347	Kier J	<b>Closed</b>
	-----	-	08/19/19-12/15/19	<b>Online</b>		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

81629 377 HYB	-T-R--	02:00-03:15 PM	08/20/19-12/15/19	RC 347	Hansen S	<b>Closed</b>
	-----	-	08/20/19-12/15/19	<b>Online</b>		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

## CS 255 - Basic Data Structures Using Java

This course will cover advanced programming topics using Java. Files, recursion, data structures and large program organization will be implemented in projects using object-oriented methodology. Students will write programs using queues, stacks, lists and other concepts covered in the lecture. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 205 or CS 236 or CIS 240.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/cs/#CS\\_255](http://catalog.jccc.edu/coursedescriptions/cs/#CS_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81630 376 HYB	M-W----	04:30-05:45 PM	08/19/19-12/15/19	RC 361	Weaver P	<b>Closed</b>
	-----	-	08/19/19-12/15/19	<b>Online</b>		



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						

## Dental Hygiene

### DHYG 121 - Clinical Dental Hygiene I: Pre-Clinic

This course will include information and techniques relating to the history, development, current status and future of the profession of dental hygiene. Students will be introduced to fundamental dental hygiene services, instrumentation, client assessment, preventive treatment, transmissible diseases, principles of infection control and prevention. Prerequisite: Admission to the Dental Hygiene Program and BIOL 225 with a grade of "C" or higher and BIOL 230 with a grade of "C" or higher and BIOL 231 with a grade of "C" or higher and CHEM 122 with a grade of "C" or higher and ENGL 121 and PSYC 130. Corequisite: DHYG 125 and DHYG 138 and DHYG 142. Prerequisite or Corequisite: SOC 122.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_121](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80069 001 F2F	-T-R---	08:00-09:50 AM	08/20/19-08/22/19	CC 232	Davis K Funkhouser D Wells C	Closed
	-T-R---	10:00-05:00 PM	08/20/19-12/15/19	SCI 201		
	-T-R---	08:00-09:50 AM	08/27/19-12/15/19	SCI 222		

*SB 155 Excel in CTE*

### DHYG 125 - Developmental Dentistry

This course will include a study of embryology, oral histology, developmental disturbances of the oral cavity and related structures, dental morphology and occlusion. Prerequisite: Admission to the Dental Hygiene Program and BIOL 225 with a grade of "C" or higher and BIOL 230 with a grade of "C" or higher and BIOL 231 with a grade of "C" or higher and CHEM 122 with a grade of "C" or higher and ENGL 121 and PSYC 130. Corequisite: DHYG 121 and DHYG 138 and DHYG 142. Prerequisite or Corequisite: SOC 122.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_125](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80070 001 F2F	M-W----	10:00-10:50 AM	08/19/19-12/15/19	SCI 112	Wynn K	Closed
	--W----	11:00-11:55 AM	08/21/19-12/15/19	SCI 112		

*SB 155 Excel in CTE*

### DHYG 138 - Head and Neck Anatomy

This course is designed to provide dental hygiene students with the basic anatomical foundations to support clinical course work. Topics to be covered include the skull, muscles, and vascular, glandular, lymphatic and nervous systems of the head and neck. Prerequisite: Admission to the Dental Hygiene Program and BIOL 225 with a grade of "C" or higher and BIOL 230 with a grade of "C" or higher and BIOL 231 with a grade of "C" or higher and CHEM 122 with a grade of "C" or higher and ENGL 121 and PSYC 130. Corequisite: DHYG 121 and DHYG 125 and DHYG 142. Prerequisite or Corequisite: SOC 122.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_138](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_138))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80071 001 F2F	M-W----	08:00-08:50 AM	08/19/19-12/15/19	CLB 309	Wynn K	Closed
80072 002 F2F	M-W----	09:00-09:50 AM	08/19/19-12/15/19	CLB 309	Wynn K	Closed

### DHYG 142 - Dental Radiography

This course prepares the dental hygiene student to expose, process and critique intra and extra oral radiographs for clinical practice. Emphasis is placed on technique and individual patient radiographic need using standardized As Low As Reasonably Achievable (ALARA) concepts. Students process, mount and evaluate radiographs for diagnostic value associated with patient care. Radiation production, biology and safety are required for students to make informed decisions and adjustments for optimum patient care. Prerequisite: Admission to the Dental Hygiene Program and BIOL 225 with a grade of "C" or higher and BIOL 230 with a grade of "C" or higher and BIOL 231 and CHEM 122 with a grade of "C" or higher and ENGL 121 and PSYC 130. Corequisite: DHYG 121 and DHYG 125 and DHYG 138. Prerequisite or Corequisite: SOC 122.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_142](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80073 376 F2F	----F--	08:00-09:30 AM	08/25/19-12/15/19	SCI 112	Samuel H Snook C Warring J	Closed
	----F--	10:30-01:50 PM	08/25/19-12/15/19	SCI 201		

*SB 155 Excel in CTE*

## DHYG 221 - Clinical Dental Hygiene III

This course provides the dental hygiene student with continued development in the areas of patient management, preventive dental hygiene care and proficiency in clinical techniques through practical application. Selected skills, instrument design variations and current advances in dental hygiene services will also be introduced. The student will be able to develop and implement comprehensive dental hygiene appointment plans to meet the oral health needs and promote total body wellness of each patient. Experiences with special needs patients at affiliate sites enable the student to participate as a change agent and/or patient advocate in the community and adapt to meet special needs. Prerequisite: Admission to the Dental Hygiene Program and DHYG 135 with a "C" or higher and DHYG 140 with a "C" or higher and DHYG 146 with a grade of "C" or higher and DHYG 148 with a grade of "C" or higher and BIOL 235 with a grade of "C" or higher. Corequisite: DHYG 225 and DHYG 230.

**Credit Hours: 6**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_221](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80074 001 F2F	M-W----	08:00-04:50 PM	08/19/19-12/15/19	SCI 201	Trotter J Callihan T Armbrister B Boles N Evans-Solano C	Closed
	----F--	10:00-11:50 AM	08/23/19-12/15/19	SCI 112		

*SB 155 Excel in CTE*

## DHYG 225 - General and Oral Pathology

This course prepares the student dental hygienist to determine when to consult, treat or refer clients with various disease, infection or physiological conditions. Students learn to recognize the signs, causes and implications of common pathological conditions including inflammatory responses, immune disorders, genetic disorders, developmental disorders of tissues and cysts, oral tissue trauma and neoplasm of the oral cavity. Prerequisite: Admission to the Dental Hygiene Program and DHYG 135 with a "C" or higher and DHYG 140 with a "C" or higher and DHYG 146 with a "C" or higher and DHYG 148 with a "C" or higher and BIOL 235 with a "C" or higher. Corequisite: DHYG 221 and DHYG 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_225](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80075 001 F2F	-T-R---	10:00-11:20 AM	08/20/19-12/15/19	SCI 112	Curry Chiu M	Closed

*SB 155 Excel in CTE*

## DHYG 230 - Dental Therapeutics

This course will introduce the basic principles of drug actions, emphasizing dental-related therapeutics and drugs associated with common systemic disorders, information on the selection of professional products, and principles necessary in administering local anesthesia. Prerequisite: Admission to the Dental Hygiene Program and DHYG 135 with a grade of "C" or higher and DHYG 140 with a grade of "C" or higher and DHYG 146 with a grade of "C" or higher and DHYG 148 with a grade of "C" or higher and BIOL 235 with a grade of "C" or higher. Corequisite: DHYG 221 and DHYG 225.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG\\_230](http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80076 001 F2F	MT-----	10:00-11:50 AM	08/12/19-08/18/19	SCI 112	Haas C	Closed
	--WR---	01:00-02:50 PM	08/14/19-08/18/19	SCI 112		
	-T-R---	08:00-09:50 AM	08/20/19-11/24/19	SCI 112		

SB 155 Excel in CTE

## Dietary Managers

### DIET 100 - Foodservice Management for Dietary Managers

This course provides a comparison of the different types of meal service, along with ways of satisfying client preferences. Students will understand and apply the various components of foodservice including forecasting, purchasing, receiving and storing food, and equipment recommendations. Budgeting, marketing, safety and food quality of the industry will also be covered.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/diet/#DIET\\_100](http://catalog.jccc.edu/coursedescriptions/diet/#DIET_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82018 376 HYB	---R---	09:00-11:50 AM	08/22/19-08/22/19	HCA 117	Riley M	Closed
	-----	-	08/22/19-12/15/19	Online		
	---R---	09:00-11:50 AM	09/05/19-09/05/19	HCA 117		
	---R---	09:00-11:50 AM	09/19/19-09/19/19	HCA 117		
	---R---	09:00-11:50 AM	10/03/19-10/03/19	HCA 117		
	---R---	09:00-11:50 AM	10/17/19-10/17/19	HCA 117		
	---R---	09:00-11:50 AM	10/31/19-10/31/19	HCA 117		
	---R---	09:00-11:50 AM	11/14/19-11/14/19	HCA 117		
	---R---	09:00-11:50 AM	12/05/19-12/05/19	HCA 117		
	---R---	09:00-11:50 AM	12/12/19-12/12/19	HCA 117		

SB 155 Excel in CTE

### DIET 151 - Nutrition and Meal Planning

This course covers the food groups and their function and nutritional values as applied to meal planning. Assessment of personal dietary intake will also be explored. In addition to the current trends in nutrition this course covers energy balance, sustainability and nutrition in the life span. This is a required course for the food and beverage management, chef apprenticeship and dietary manager programs.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/diet/#DIET\\_151](http://catalog.jccc.edu/coursedescriptions/diet/#DIET_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81807 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	HCA 119	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
81813 002 F2F	--W----	12:00-02:50 PM	08/21/19-12/15/19	HCA 115	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
81815 003 F2F	-T-----	09:00-11:50 AM	08/20/19-12/15/19	HCA 115	Tripe J	Closed
<i>KBOR Seamless Transfer</i>						
81817 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Riley M	Closed

KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
81819 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Collier R	Closed

*KBOR Seamless Transfer*

## DIET 275 - Dietary Managers Practicum

This course enables the student to apply classroom knowledge to an actual work situation. The practicum will be developed cooperatively with area employers, college staff and each student. It will include a minimum of 100 hours per semester in a foodservice organization that would hire a dietary manager. This is a capstone class. Students will be required to have a background check and documentation of current TB skin test - negative results. Prerequisite: Department approval.

**Credit Hours: 2**

**Associated Costs:** \$0-\$150

Outline ([http://catalog.jccc.edu/coursedescriptions/diet/#DIET\\_275](http://catalog.jccc.edu/coursedescriptions/diet/#DIET_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81824 500 INT	-----	-	08/19/19-12/15/19		Riley M	24 of 24

*SB 155 Excel in CTE*

Requirement: Department approval

## Drafting/CAD/AutoCAD

### DRAF 120 - Introduction to Drafting

This course should be taken by students without prior drafting experience. Upon successful completion of this course, the student should be able to identify and apply the essential, basic skills necessary to proceed through the drafting program, including, measuring, geometric construction, sketching, isometrics, orthographic views, section views, dimensioning and auxiliary views. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed. 1hr. lecture, 2hrs. lab/wk.

**Credit Hours: 2**

**Associated Costs:** \$45 to \$60

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_120](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open	
80953 001 F2F	Lab	M-W-F--	11:00-11:55 AM	08/19/19-10/13/19	ITC 122	Feuerborn D	Closed
		M-W-F--	12:00-12:55 PM	08/19/19-10/13/19	ITC 122		

*SB 155 Excel in CTE*

80954 002 F2F		-T-R---	07:00-07:55 PM	08/20/19-10/13/19	ITC 122	Andring M	Closed
	Lab	-T-R---	08:00-09:55 PM	08/20/19-10/13/19	ITC 122		

*SB 155 Excel in CTE*

### DRAF 123 - Interpreting Machine Drawings

This course is a required course in the computer-aided drafting and design technology program. Upon successful completion of this course, students should be able to interpret graphics used to fabricate, assemble, maintain and operate the equipment and products of industry. General detail and assembly prints will be evaluated for title block information, general notes, dimensioning, tolerance specification and symbology. Specialized drawings will include cams, gears, numerical control, plastics, sheet metal and instrumentation. Prerequisite or Corequisite: DRAF 120 or department approval.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_123](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80955 001 F2F	M-W----	11:00-12:55 PM	10/14/19-12/08/19	ITC 122	Feuerborn D	Closed

*SB 155 Excel in CTE*

### DRAF 129 - Interpreting Architectural Drawings

This beginning course will explain the fundamentals of interpreting (reading) architectural drawings. Upon successful completion of this course, students should be able to understand plan and elevation views, sections, details, schedules, specifications, symbols and abbreviations found on most residential and commercial construction drawings. 2 hrs. lecture/wk.

**Credit Hours: 2**

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_129](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80957 001 F2F	M-W----	01:00-01:50 PM	08/19/19-10/11/19	ITC 122	Feuerborn D	Closed
	----F--	01:00-02:50 PM	08/23/19-10/13/19	ITC 122		
<i>SB 155 Excel in CTE Accelerating Opportunity KS</i>						
80959 002 F2F	-T-R---	07:00-08:50 PM	10/15/19-12/05/19	ITC 122	Feuerborn D	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						
82468 004 F2F	MTWR---	02:00-02:50 PM	10/14/19-12/05/19	ITC 187	Eberle D	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						

Note: This section is open to CET majors only. Contact [rdye3@jccc.edu](mailto:rdye3@jccc.edu) for approval

### DRAF 130 - Introduction to CAD Concepts - AutoCAD

This course provides a basic knowledge of AutoCAD. Students will learn to use CAD equipment, including input/output devices and microcomputers as drafting tools. Emphasis will be on a basic understanding of CAD terms and concepts as they are applied in the industry. Students will be provided an overview of many of the key features of a major microcomputer CAD package with hands-on experience at a workstation. Basic instruction will be provided on drawing setup, drawing commands, editing commands and screen control. The important concepts of layering, standard symbols and dimensioning will be introduced. 2 hrs. lecture, 3 hrs. open lab/wk. Drafting classes that have an additional lab have either the time and room listed or TBA (to be announced) with the room number listed. Prerequisite or Corequisite: DRAF 120 or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_130](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80961 001 F2F	M-W----	06:00-07:50 PM	08/19/19-10/13/19	ITC 122	Hughes T	Closed
	Lab -----	-	08/19/19-10/13/19	ITC 124		
<i>SB 155 Excel in CTE</i>						
80964 002 F2F	M-W----	02:00-03:50 PM	08/19/19-10/13/19	ITC 122	Hughes T	Closed
	Lab -----	-	08/19/19-10/13/19			
<i>SB 155 Excel in CTE</i>						

### DRAF 132 - Exploring AutoCAD

This course is for non-drafting students/users who wish to casually use Autodesk's AutoCAD (computer aided drafting) software. It provides a basic knowledge of how to manipulate AutoCAD commands on a Windows or Mac platform to create drawings. Covered topics include creating and setting up a drawing, using blocks and wblocks, editing a drawing, saving completed drawings, developing template drawings, printing from paper space, dimensioning, layering, drawing defaults and hatching. 2 hrs. lecture, 3 hrs. open lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_132](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80967 350 ONLNE	-----	-	09/16/19-12/15/19	Online	Cline L	Closed
<i>SB 155 Excel in CTE</i>						

### DRAF 135 - Graphic Analysis

This course expands on introductory knowledge in drafting and CAD. Upon successful completion of this course, the student will solve descriptive geometry problems, and locate intersections of geometric shapes. Most assignments in this course will be completed using AutoCAD software. Prerequisite: DRAF 130 or department approval.

**Credit Hours: 3**

**Associated Costs:** \$15 to \$20

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_135](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80969 001 F2F	-T-R---	11:30-12:25 PM	08/20/19-12/15/19	ITC 126	Feuerborn D	Closed
	<b>Lab</b> -T-R---	12:30-01:50 PM	08/20/19-12/15/19	ITC 126		

*SB 155 Excel in CTE*

## DRAF 143 - Introduction to BIM Building Information Modeling

This course introduces students to the concepts and usage of BIM: Building Information Modeling in the building construction field. Students will use Building Information Modeling software to interact with a virtual building model. Upon successful completion of this course, students will manipulate the software interface to model, interpret, access data, and view the building model. The student will use the software to model and access plan views, elevations, sections, 3-D views, structural elements, schedules and support files found in a 3-D building model. The REVIT software package is currently used. Prerequisite or Corequisite: DRAF 129.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_143](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80972 001 F2F	M-W----	11:00-12:50 PM	08/19/19-10/13/19	ITC 126	Gatapia R	Closed
80975 002 F2F	----F--	06:00-09:50 PM	08/23/19-10/13/19	ITC 126	Burton S	Closed

*SB 155 Excel in CTE*

*SB 155 Excel in CTE*

## DRAF 145 - Introduction to Parametric Design: Inventor

This course is an introduction to parametric design. The course will cover parametric modeling fundamentals, solid geometry concepts, parametric constraints fundamentals and geometric construction tools. Basic software commands will also be covered to give the student ability to demonstrate parametric modeling knowledge. Prerequisite or Corequisite: DRAF 123 or department approval.

**Credit Hours: 2**

**Associated Costs:** \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_145](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80980 001 F2F	M-W----	08:00-09:50 PM	08/19/19-10/13/19	ITC 126	Catt T	Closed

*SB 155 Excel in CTE*

## DRAF 152 - 3D Modeling with SketchUp

The course will teach how to model (draft in 3D) with SketchUp, a popular software program. Students will learn how to sketch their ideas for prototypes, floor plans and buildings, embellish a drawing for presentation purposes, make animations of their model, export the model into different file formats and 3D print the model. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_152](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_152))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80981 001 F2F	----F--	01:00-03:50 PM	09/06/19-11/08/19	ITC 128	Cline L	Closed

*SB 155 Excel in CTE*

## DRAF 162 - 3D Printing

This course will teach how to digitally model prototype ideas that can be 3D printed. Multiple solid, reality capture, analysis and slicing programs are taught. Students will learn about the 3D printing process, how to make a digital model 3D-printable, different types of 3D printers and filaments. Students will also learn how to generate a file from the digital model for a Computer Numeric Control (CNC) cutting machine. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_162](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80982 001 F2F	-T-R---	10:00-11:50 AM	10/15/19-12/08/19	ITC 128	Cline L	Closed
<i>SB 155 Excel in CTE</i>						

## DRAF 164 - Architectural Drafting/Residential Interior Design

Upon completion of this course the student should be able to interpret and draft residential architectural drawings and utilize industry references and resources. Drawings studied include floor plans, elevations, sections, reflected ceiling plans and schedules. Students will draft on a variety of relevant materials.

**Credit Hours: 3**

**Associated Costs:** \$140 to \$160

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_164](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80983 001 F2F	M-W----	09:00-09:50 AM	08/19/19-12/15/19	ITC 128	Cline L	Closed
	Lab M-W----	10:00-11:20 AM	08/19/19-12/15/19	ITC 128		
<i>SB 155 Excel in CTE</i>						
80985 002 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	ITC 128	Cline L	Closed
	Lab M-W----	07:00-08:20 PM	08/19/19-12/15/19	ITC 128		
<i>SB 155 Excel in CTE</i>						
80986 003 F2F	-T-R---	01:00-01:50 PM	08/20/19-12/15/19	ITC 128	Cline L	Closed
	-T-R---	02:00-03:20 PM	08/20/19-12/15/19	ITC 128		
<i>SB 155 Excel in CTE</i>						
83098 004 F2F	M-W----	01:00-03:20 PM	08/19/19-12/15/19	ITC 128	Hersch A	Closed
<i>SB 155 Excel in CTE</i>						

## DRAF 222 - Mechanical Design and Drafting

Students successfully completing this course should be able to draw details and assembly views of mechanical parts. The types of parts discussed in this class include castings, sheet metal pieces, jigs and fixtures, and gauges. Important concepts include dimensioning, form and position tolerancing, coordinate tolerancing, and calculations related to material allowances and manufacturing. Students will use the Machinery's Handbook and other technical publications to research and design projects. Project assignments will be completed using computer-aided drafting (CAD) software. Prerequisite: DRAF 123 and DRAF 135 and DRAF 230 and DRAF 245. Prerequisite or Corequisite: MATH 131 or MATH 172.

**Credit Hours: 3**

**Associated Costs:** \$90 to \$120

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_222](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80987 001 F2F	-T-R---	02:30-03:20 PM	08/20/19-12/15/19	ITC 126	Feuerborn D	Closed
	Lab -T-R---	03:30-04:50 PM	08/20/19-12/15/19	ITC 126		
<i>SB 155 Excel in CTE</i>						

## DRAF 225 - Civil Drafting

Upon successful completion of this course, the student should be able to apply drafting techniques used in civil engineering offices. Topics covered include the surveying process, property legal descriptions, topographic maps, plan and profile drawings, roadway cross sections and earthwork calculations. The student will use CAD software in drawing projects. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk. Prerequisite: DRAF 230 or department approval. Prerequisite or Corequisite: DRAF 244 and (MATH 131 or MATH 172).

**Credit Hours: 3**

**Associated Costs:** \$90 to \$120

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_225](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80990 001 F2F	M-W----	01:00-01:50 PM	08/19/19-12/15/19	ITC 126	Johnson S	Closed
	<b>Lab</b> M-W----	02:00-03:20 PM	08/19/19-12/15/19	ITC 126		

*SB 155 Excel in CTE*

### DRAF 230 - Intermediate CAD: AutoCAD

This course provides an increased knowledge of AutoCAD as it is used in today's industries. Students will build on their CAD experience by learning new commands and techniques that increase system productivity. Special emphasis will be on developing construction techniques and command usage to increase CAD proficiency. Additional study of standard symbols, layers and editing functions will occur. Concepts covered will include dimensioning variables and styles, attributes and external referencing, as well as paper space and model space, as used in multiple-view drawings. 2 hrs. lecture, 3 hrs. open lab/wk. Prerequisite or Corequisite: DRAF 130 or department approval.

**Credit Hours: 3**

**Associated Costs:** \$30 to \$50

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_230](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80991 001 F2F	M-W----	02:00-03:50 PM	10/14/19-12/08/19	ITC 122	Hughes T	Closed
	<b>Lab</b> -----	-	10/14/19-12/08/19	ITC 124		

*SB 155 Excel in CTE*

80992 002 F2F	M-W----	06:00-07:50 PM	10/14/19-12/08/19	ITC 122	Hughes T	Closed
	<b>Lab</b> M-W----	-	10/14/19-12/08/19	ITC 124		

*SB 155 Excel in CTE*

### DRAF 243 - Advanced BIM: Revit

This course introduces the student to advanced Building Information Modeling (BIM) concepts used by many architectural and engineering design firms. Topics include advanced modeling and documentation tools, project setup and the design process. Students will model commercial buildings and produce architectural drawings. Emphasis will be placed on the hands-on application of the current software to industrial projects. Prerequisite or Corequisite: DRAF 143 or department approval.

**Credit Hours: 2**

**Associated Costs:** \$90 to \$120

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_243](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80995 001 F2F	M-W----	11:00-12:50 PM	10/14/19-12/08/19	ITC 126	Gatapia R	Closed

*SB 155 Excel in CTE*

80997 002 F2F	----F--	06:00-09:50 PM	10/18/19-12/08/19	ITC 126	Burton S	Closed
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*SB 155 Excel in CTE*

### DRAF 244 - Civil 3D

This course introduces the student to the Civil 3D software used by many land planning, civil engineering and surveying firms. Topics include software commands, project setup and the design process. Survey points, surfaces, topography, road layout and soil volumes are covered in this course. Emphasis will be placed on the hands-on application of the software to industrial projects. Prerequisite or Corequisite: DRAF 225 or department approval.



**Credit Hours: 2**

**Associated Costs:** \$80 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_244](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_244))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81001 001 F2F	M-W----	03:30-05:20 PM	10/14/19-12/08/19	ITC 126	Johnson S	Closed

*SB 155 Excel in CTE*

### DRAF 245 - Advanced Parametric Design: Inventor

This course uses the Inventor Parametric design software used by many industrial and mechanical design firms. Topics include software commands, project setup and the design process. Emphasis will be placed on the hands-on application of the software to industrial projects. Prerequisite or Corequisite: DRAF 145 or department approval.

**Credit Hours: 2**

**Associated Costs:** \$90 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_245](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81002 001 F2F	M-W----	08:00-09:50 PM	10/14/19-12/08/19	ITC 126	Catt T	Closed

*SB 155 Excel in CTE*

### DRAF 264 - CAD:Interior Design

This course is an introduction to the use of computer-aided drafting (CAD) as used in the interior design field. Upon successful completion of this course, the student should be able to draw floor plans and elevations of interiors using a computer-aided drafting system. AutoCAD LT software will be used. 2 hrs. lecture, 3 hrs. open lab/wk. Prerequisite: DRAF 164 with a grade of "C" or higher and ITMD 121 with a grade of "C" or higher or department approval.

**Credit Hours: 3**

**Associated Costs:** \$10 to \$15

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_264](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81003 001 F2F	-T-R--	11:00-11:50 AM	08/20/19-12/15/19	ITC 122	Hughes T	Closed
	Lab -T-R--	-	08/20/19-12/15/19	ITC 124		

*SB 155 Excel in CTE*

### DRAF 271 - Drafting Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_271](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81004 500 INT	-----	-	08/19/19-12/15/19		Hughes T	1 of 2

*SB 155 Excel in CTE*  
Requirement: Department approval

### DRAF 272 - Drafting Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Prerequisite: DRAF 271 and department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/draf/#DRAF\\_272](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81005 500 INT	-----	-	08/19/19-12/15/19		Hughes T	Full

*SB 155 Excel in CTE*

Requirement: Department approval

## Data Science

### DS 210 - Introduction to Data Science

In this course students receive an introduction to the main tools and ideas in the data scientist's toolbox. The course gives an overview of the data, questions, techniques and tools that data analysts and data scientists work with. This course provides a conceptual introduction to the ideas behind turning data into actionable knowledge and tools that will be used to analyze this data. The course will cover collecting, cleaning and sharing data. Additionally, this course will cover how to communicate results through visualizations. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/ds/#DS\\_210](http://catalog.jccc.edu/coursedescriptions/ds/#DS_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81471 376 HYB	---R---	08:00-09:50 PM	08/22/19-12/15/19	RC 361	Smith S	Closed
	-----	-	08/22/19-12/15/19	Online		

*Mandatory Classroom Meetings*

### DS 220 - Data Visualization

This course introduces students to key design principles and techniques for interactively visualizing data. In addition to understanding how visual representations are used in the analysis and understanding of complex data, students will acquire data visualization skills including designing effective visualizations and creating interactive visualizations using spreadsheets. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/ds/#DS\\_220](http://catalog.jccc.edu/coursedescriptions/ds/#DS_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81473 376 HYB	---R---	06:00-07:50 PM	08/22/19-12/15/19	RC 361	McCall J	Closed
	-----	-	08/22/19-12/15/19	Online		

*Mandatory Classroom Meetings*

*SB 155 Excel in CTE*

### DS 230 - SQL for Data Analysis

In this course students will focus on how to apply the Structured Query Language (SQL) to data analysis tasks. Spreadsheets will be used for the visualization of data. Additionally, basic statistics will be covered. All data will be extracted from relational tables. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/ds/#DS\\_230](http://catalog.jccc.edu/coursedescriptions/ds/#DS_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81475 376 HYB	-T-----	06:00-07:50 PM	08/20/19-12/15/19	RC 344	Baburajan R	Closed
	-----	-	08/20/19-12/15/19	Online		

SB 155 Excel in CTE  
Mandatory Classroom Meetings

## DS 240 - Introduction to Statistical Programming

Students in this course will use a statistical programming language to perform effective data analysis. Students will acquire programming skills including reading data, accessing statistical packages, writing functions, debugging, profiling code, organizing code and commenting code. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/ds/#DS\\_240](http://catalog.jccc.edu/coursedescriptions/ds/#DS_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81476 376 HYB	-T-----	08:00-09:50 PM	08/20/19-12/15/19	RC 344	Baburajan R	Closed
	-----	-	08/20/19-12/15/19	Online		

SB 155 Excel in CTE  
Mandatory Classroom Meetings

## English for Academic Purposes

### EAP 101 - Writing and Grammar I

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the beginning college level. Students will learn effective writing techniques and grammatical structures for using American English at the sentence and basic paragraph level. This course does not fulfill degree requirements. This is the first writing and grammar course in the sequence of courses leading to ENGL 121. Prerequisite: Appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_101](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80689 003 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	LIB 314	Blackman P	Closed
80690 005 F2F	M-W----	07:30-08:45 PM	08/19/19-12/15/19	CC 312	Crum D	Closed

### EAP 103 - Writing and Grammar II

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience. Students will focus on using American English in writing at the paragraph level along with grammatical structures to help ensure student success. This is the second writing and grammar course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 101 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_103](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80691 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 329	Forth J	Closed
80692 005 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 307	Dixon G	Closed
80693 008 F2F	-T-R---	07:30-08:45 PM	08/20/19-12/15/19	LIB 311	Keh C	Closed

### EAP 105 - Speaking and Listening I

This English for Academic Purposes course provides non-native English speaking students the opportunity to develop their speaking, listening and pronunciation skills. Students will learn effective techniques for using American English in academic, career and personal settings. This is the first speaking course in a sequence of courses leading to ENGL 121. Prerequisite: Appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_105](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80694 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 314	Kastendick R	Closed
80695 005 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	CC 312	Aronoff D	Closed

## EAP 107 - Speaking and Listening II

This English for Academic Purposes course provides non-native English-speaking students the opportunity to expand fluency in speaking, listening and pronunciation. Students will learn effective techniques for listening with accuracy and speaking with the stress, rhythm and intonation of American English. Personal communications and group interactions in academic, career and community settings are included. This is the second speaking course in a sequence of courses leading to ENGL 121. 3 hrs lecture/wk. Prerequisite: EAP 105 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_107](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80696 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 314	Lychnikova E	Closed
80697 005 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	LIB 307	Kastendick R	Closed
80698 008 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CC 316	Huff K	Closed

## EAP 111 - Writing and Grammar III

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the high-intermediate level. Students will focus on developing fluency in writing using American English at the paragraph and multiparagraph level along with grammatical structures to support writing. This course is the third writing and grammar course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 103 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_111](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80699 005 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 314	Milkowart H	Closed
80701 008 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 324	Jenab F	Closed
80702 009 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 353B	Blackman P	Closed
80703 011 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CC 312	Austin K	Closed

## EAP 113 - Writing and Grammar IV

This English for Academic Purposes course provides non-native English-speaking students the opportunity to improve fluency in American English in writing at the high intermediate to advanced level. Students will engage in writing tasks that relate to the academic disciplines. The course also focuses on grammar activities including editing strategies for effective writing. This is the fourth writing and grammar course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 111 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_113](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_113))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80704 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 316	Milkowart H	Closed
80705 003 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 316	Forth J	Closed
80706 005 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 314	Forth J	Closed
80707 006 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 316	Milkowart H	Closed
80708 010 F2F	M-W----	07:30-08:45 PM	08/19/19-12/15/19	CC 316	Aronoff D	Closed
80709 012 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	LIB 311	Keh C	Closed
80710 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Tumanut S	Closed

### EAP 115 - Speaking and Listening III

This English for Academic Purposes course provides non-native English-speaking students the opportunity to enhance fluency in speaking, pronunciation and listening at the upper intermediate level. Students will apply standard American English communication patterns to understand lectures, speak in academic settings and communicate in group interactions. Students will learn effective techniques for presenting formal and informal speeches in specific fields of study and academic debates. This is the third speaking course in a sequence of courses leading to ENGL 121. Prerequisite: EAP 107 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_115](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80711 004 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 316	Austin K	Closed
80712 005 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 329	Walker A	Closed
80713 006 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 329	Walker A	Closed
80714 009 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 324	Austin K	Closed
80715 012 F2F	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	LIB 313	Blackman P	Closed

### EAP 117 - Speaking and Listening IV

This English for Academic Purposes course offers non-native English-speaking students the opportunity to master speaking, pronunciation and listening at an advanced level. Students will apply advanced communication patterns to understand lectures, speak fluently in academic settings and communicate broadly in group interactions. Students will learn effective techniques for applying advanced strategies to process knowledge from specific fields of study and communicate precise meanings of standard American English. This course will allow students the opportunity to give presentations with idiomatic vocabulary from literature, media and research sources. Prerequisite: EAP 115 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_117](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80716 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 316	Magnuson K	Closed
80717 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 314	Magnuson K	Closed
80718 004 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 329	Walker A	Closed
80719 005 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 324	Milkowart H	Closed
80721 009 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	CC 316	Magnuson K	Closed
80722 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Nguyen E	Closed

### EAP 120 - Reading and Vocabulary I

This English for Academic Purposes course provides non-native English-speaking students an integrated communication experience at the high beginning college level. Students will learn effective techniques for reading, studying and using American English in an academic setting. This course does not fulfill degree requirements. This is the first reading course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 120 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_120](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80723 002 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 316	Austin K	Closed

## EAP 121 - Reading and Vocabulary II

This English for Academic Purposes course provides non-native English-speaking students the opportunity to develop reading fluency, comprehension and vocabulary at the intermediate college level. Reading, writing, speaking and listening will be integrated, and students will learn effective techniques for studying and using American English in an academic setting. This is the second reading course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 120 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_121](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80725 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	LIB 314	Lychnikova E	Closed
80726 005 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 307	Dixon G	Closed
80727 008 F2F	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	CC 316	Kastendick R	Closed

## EAP 122 - Reading and Vocabulary III

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the high-intermediate college level. Students will develop reading fluency, comprehension and vocabulary. Reading, writing, speaking and listening will be integrated, and students will learn effective techniques for using American English to read and study in an academic setting. This is the third reading course in the sequence of courses leading to ENGL 121. Prerequisite: EAP 121 or appropriate ESL assessment test score.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/eap/#EAP\\_122](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80729 003 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 314	Lychnikova E	Closed
80730 006 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	LIB 307	Forth J	Closed
80735 007 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 313	Milkowart H	Closed
80737 011 F2F	-T-R---	07:30-08:45 PM	08/20/19-12/15/19	CC 312	Huff K	Closed

## Economics

### ECON 132 - Survey of Economics

Upon successful completion of this course, the student should be able to explain basic macroeconomic and microeconomic theory, fiscal and monetary policies, the role and significance of international economics and government trade and regulatory policies. In addition, the student should be able to describe the characteristics and consequences of the differing business units in the economy, as well as the functioning of the labor market and how national income is distributed. The course is primarily for students who desire a one-semester, nontechnical overview of the basic components of macroeconomic and microeconomic theory and the functioning of the United States economy.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_132](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80164 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 248	Christensen K	Closed
80165 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 217	Christensen K	Closed
80167 004 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	OCB 246	Ashworth S	Closed
80168 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Christensen K	Closed
80169 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Christensen K	Closed
82570 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Young B	Closed

General Education Designation

## ECON 230 - Principles of Macroeconomics

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic macroeconomic concepts, including supply of and demand for products, national income determination, money and banking, and monetary and fiscal policy. The student enrolling in this course should have successfully completed one year of high school algebra or the equivalent.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_230](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80170 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	OCB 246	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
80175 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 254	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
80176 003 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	OCB 246	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
80177 004 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 246	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
80179 005 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 246	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
80181 006 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	OCB 248	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
80183 007 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 246	Okao A	Closed
<i>KBOR Seamless Transfer</i>						
80184 008 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	OCB 246	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
80186 009 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	OCB 246	Hamilton T	Closed
<i>KBOR Seamless Transfer</i>						
80187 010 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 361	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
82571 011 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 361	Christensen K	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80189 012 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
80188 013 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 213	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
80190 014 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	OCB 246	Hamilton T	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80192</b> 015 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	OCB 246	Hamilton T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80194</b> 016 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 211	Owens D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80195</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Copeland D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80196</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Copeland D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80197</b> 352 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Copeland D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80198</b> 353 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Owens D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80199</b> 354 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Clark L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80200</b> 355 ONLNE	-----	-	08/19/19-10/13/19	<b>Online</b>	Hadley S	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80201</b> 356 ONLNE	-----	-	10/21/19-12/15/19	<b>Online</b>	Hadley S	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>83232</b> 357 ONLNE	-----	-	12/11/19-01/08/20	<b>Online</b>	Hadley S	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## ECON 231 - Principles of Microeconomics

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic microeconomic concepts, including an extended analysis of product supply and demand, theories of the firm, and product and resource market structures. Students enrolling in this course should have successfully completed one year of high school algebra or the equivalent.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/econ/#ECON\\_231](http://catalog.jccc.edu/coursedescriptions/econ/#ECON_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80203</b> 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	OCB 248	Gordon L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80206</b> 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 248	Gordon L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80204</b> 004 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	OCB 246	Okao A	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80209</b> 005 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 248	Owens D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80211</b> 006 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	OCB 248	Karscig M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80213</b> 007 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	OCB 246	Hadley S	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80214</b> 008 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	OCB 248	Owens D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<b>80215</b> 009 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	OCB 248	Kim K	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						



CRN	Days	Time	Date	Location	Instructor	Seats Open
82584 010 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	OCB 248	Frederick D	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80216 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
80217 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
80218 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
80219 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
80220 354 ONLNE	-----	-	08/19/19-10/13/19	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
80221 355 ONLNE	-----	-	10/21/19-12/15/19	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
83233 356 ONLNE	-----	-	12/11/19-01/08/20	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## Education and Early Childhood

### EDUC 121 - Introduction to Teaching

Teaching concepts and practices as they apply to today's elementary and secondary schools will be introduced. Topics will include the roles and responsibilities of the teacher, various modes of instruction, specialized areas in teaching, and professional requirements and concerns. Twenty hours of observation in a school setting is required. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_121](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81549 001 F2F	-T-R--	08:00-09:15 AM	08/20/19-12/15/19	HCDC 128	Butler C	Closed
<i>KBOR Seamless Transfer</i>						
81550 002 F2F	-T-R--	09:30-10:45 AM	08/20/19-12/15/19	HCDC 128	Butler C	Closed
<i>KBOR Seamless Transfer</i>						
83037 003 F2F	-T----	06:00-08:50 PM	08/20/19-12/15/19	CC 344	Butler C	Closed
<i>KBOR Seamless Transfer</i>						
81551 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Strohschein M	Closed
<i>KBOR Seamless Transfer</i>						

### EDUC 130 - Foundations of Early Childhood Education

This introductory survey course is designed to provide students with current information on topics relevant to employment in early childhood programs. The course explores the historical and philosophical roots of early childhood education, general principles in child development, the teacher's role, values and ethics in early childhood education, curriculum design, and classroom management. Twenty hours of observation in a group childcare setting are required. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_130](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81570 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	HCDC 128	Keeton S	Closed
81599 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Hurst D	Closed

### EDUC 131 - Early Childhood Curriculum I

This methods course is designed for students who are, or will be, working in an early childhood education setting and parents or others who desire to develop an intellectually challenging environment for young children. The focus of the course is curriculum areas that deal with language and physical development. Prerequisite or Corequisite: EDUC 130 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_131](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81601 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Hurst D	Closed

### EDUC 210 - Creative Experiences for Young Children

This course is a study of constructing and maintaining an environment for young children that fosters aesthetic sensitivity and creativity. The course includes the young child's developmental stages in art, music, movement, creative movement and creative drama. Methods and materials for this course cover developmentally appropriate creative experiences; inclusive, anti-bias curriculum; integration of creative experiences throughout the curriculum; use of technology; and helping families understand the creative experience. Prerequisite: EDUC 130 with a grade of "C" or higher and PSYC 215.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_210](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81603 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	HCDC 128	Springate J	Closed

### EDUC 220 - Survey of the Exceptional Child

This course is an overview of the field of special education geared to those who are preparing to work with children and youths with special needs. The course provides fundamental information on the identification and exceptionality, laws and legal cases affecting the delivery of services to individuals with exceptionalities, and the principles of effective educational approaches for each exceptionality. Categories of exceptionality presented include learning disabilities, behavior disorders, gifted and talented, communication disorders, autism, traumatic brain injury, physical disabilities, sensory impairments, other health impairments, and multiple and severe disabilities. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_220](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81606 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	HCDC 128	Salvato M	Closed
81607 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Butler C	Closed

### EDUC 234 - Families in Society

This course is a study of effective relationships between families and the larger society. The course is designed for teachers and families who desire to provide an environment that reflects sensitivity to the unique needs of the individual child/adolescent and their families. Topics covered during the course are family dynamics, child and adolescent development, supporting positive relationships and behaviors, and effective communication and guidance strategies, as well as building and advocating for effective, collaborative relationships between teachers, families and communities. Prerequisite or Corequisite: PSYC 215.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_234](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_234))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82662 001 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	HCDC 128	Hurst D	Closed

### EDUC 250 - Child Health, Safety and Nutrition

This course is a study of the basic health, nutrition and safety management practices for young children. Information on establishing and maintaining a physically and psychologically safe and healthy learning environment appropriate for the needs of young children will be included. The interrelation of health, safety and nutrition is stressed, with emphasis on appraisal procedures, prevention and protection, services and educational experiences for young children and their families. Prerequisite: RDG 126 or College Reading Readiness.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_250](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81608 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	HCDC 128	McDonald K	Closed

### EDUC 260 - Observing and Interacting with Young Children

This course is a study of the role of observation to assess and monitor the development and learning of, and the appropriate techniques for interacting with, young children. Included will be the purposes and types of observation procedures, interpretation and use of findings, reporting techniques, and legal and ethical responsibilities. Expected age-related child behavior, fundamental principles of and theoretical approaches to child guidance, guidance techniques, working with families and issues of diversity are also presented. The laboratory will include demonstration of the subject matter. Prerequisite: EDUC 130 with a grade of "C" or higher. Prerequisite or Corequisite: PSYC 215.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/educ/#EDUC\\_260](http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_260))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81612 001 F2F	--W----	12:00-01:40 PM	08/21/19-12/15/19	HCDC 128	Hurst D	Closed

### Electronics

#### ELEC 120 - Introduction to Electronics

This is a beginning course in electronics technology that is appropriate for both electronic majors and other interested students. An overview of basic electronic theory, principles and components is presented. In addition, the laboratory exercises will emphasize the operation and use of the primary pieces of electronic test equipment and the fabrication of selected circuits.

**Credit Hours: 3**

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_120](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80087 001 F2F	M-W----	09:00-09:50 AM	08/19/19-12/15/19	ITC 184	Fouad H	Closed
	<b>Lab</b> M-W----	10:00-11:20 AM	08/19/19-12/15/19	ITC 184		

*SB 155 Excel in CTE*

CRN	Days	Time	Date	Location	Instructor	Seats Open
80088 002 F2F	-T-R---	07:00-07:50 PM	08/20/19-12/15/19	ITC 184	Wheeler T	Closed
	<b>Lab</b> -T-R---	08:00-09:20 PM	08/20/19-12/15/19	ITC 184		

*SB 155 Excel in CTE*

#### ELEC 125 - Digital Electronics I

This is a beginning course in which students will study and practice the basic concepts of digital electronics. Topics will include digital number systems, logic gates, logic circuits, flip-flops, digital arithmetic, counters and registers.

**Credit Hours: 4**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_125\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80089 001 F2F	-T-R---	05:00-06:20 PM	08/20/19-12/15/19	ITC 188	Wheeler T	Closed
	Lab -----	-	08/20/19-12/15/19	ITC 186		

*SB 155 Excel in CTE*

## ELEC 186 - CompTIA A+ Essentials



Students will gain the knowledge required to assemble components based on customer requirements, and to install, configure and maintain devices for end users. This course also covers the basics of networking and security/forensics, proper and safe diagnosis, and how to resolve and document common hardware issues while applying troubleshooting skills. 2 hrs lecture and 3 hrs. lab/wk.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_186\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80090 001 F2F	-T-R---	11:30-12:20 PM	08/20/19-12/15/19	ITC 188	Wheeler T	Closed
	Lab -T-R---	12:30-01:50 PM	08/20/19-12/15/19	ITC 191B		

*SB 155 Excel in CTE*

80097 002 F2F	-T-R---	08:30-09:20 AM	08/20/19-12/15/19	 LCCC 007	Hauptman P	Closed
	Lab -T-R---	09:30-10:50 AM	08/20/19-12/15/19	 LCCC 007		

*SB 155 Excel in CTE*

81083 003 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	ITC 188	Pitts R	Closed
	Lab M-W----	07:00-08:20 PM	08/19/19-12/15/19	ITC 191B		

*SB 155 Excel in CTE*

80096 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Lutz A	Closed
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*SB 155 Excel in CTE*

Note: This 8-week section is recommended to be taken followed by IT 120-351 (80297) Comp TIA A+ Practical Applications to align with the A+ certification. You can progress at your own pace and complete it in 8 weeks or less based on your mastery of the course objectives. Contact Andrew Lutz [alutz4@jccc.edu](mailto:alutz4@jccc.edu) or 913-469-8500 x2213 for more information

## ELEC 212 - Fundamentals of Light and Lasers

This is the foundational course necessary for applying lasers and/or photonics to other technologies. It covers the basics of light and lasers that will allow a technician to continue his or her studies in any photonics-enabled technology. This course reviews the physics of light, geometrical and wave optics, light sources, basic optical material and lab equipment, laser principles, and laser safety. Prerequisite: MATH 131 or higher.

**Credit Hours: 3**

**Associated Costs: \$25**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_212\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80091 001 F2F	M-W----	06:30-07:20 PM	08/19/19-12/15/19	ITC 189	King M	Closed
	Lab M-W----	07:30-08:50 PM	08/19/19-12/15/19	ITC 189		

*SB 155 Excel in CTE*

## ELEC 234 - AC Circuits

The analysis techniques presented in Electronics I will be applied to complex circuits driven by Alternating Current (AC) and pulsed sources. The responses of the circuits having resistance, impedance, inductive and capacitive reactance will be analyzed. Other topics will include transformers and electronic filters. Prerequisite: ELEC 134.

**Credit Hours: 4**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_234\)](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80092 001 F2F	-T-R---	09:00-10:20 AM	08/20/19-12/15/19	ITC 184	Fouad H	Closed
	Lab -T-R---	10:30-11:50 AM	08/20/19-12/15/19	ITC 184		

SB 155 Excel in CTE

## ELEC 235 - Microprocessors

This course is designed to provide an introduction to advanced microcomputer concepts and applications. This course is a continuation of topics introduced in the Digital Electronics I and II classes. Included are hardware and software topics in operating systems, peripherals, displays, processors, storage media, maintenance, diagnostics and troubleshooting. Analog and digital data acquisition and processing will also be covered. Prerequisite or Corequisite: ELEC 225.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_235](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80093 001 F2F	M-W----	01:30-02:50 PM	08/19/19-12/15/19	ITC 189	King M	Closed
	Lab M-W----	03:00-04:20 PM	08/19/19-12/15/19	ITC 189		

SB 155 Excel in CTE

## ELEC 236 - Semiconductor Devices

Topics for this class include the analysis and understanding of diodes and transistors. Special purpose diodes, bipolar junction transistors (BJT) and field effect transistors (FET) will be examined. Additional topics include operational amplifiers (Op-Amps), four-layer semiconductor devices and voltage regulators. Op-Amp applications will cover comparators, summing amplifiers, integrators, differentiators and active filters. Prerequisite or Corequisite: ELEC 234.

Credit Hours: 4

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_236](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80094 001 F2F	-T-R---	12:30-01:50 PM	08/20/19-12/15/19	ITC 184	Fouad H	Closed
	Lab -T-R---	02:00-03:50 PM	08/20/19-12/15/19	ITC 184		

SB 155 Excel in CTE

## ELEC 271 - Electronics Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide selected advanced electronics technology students with appropriate on-the-job experience with area employers, under instructional oversight, that will promote the student's career goals. 18 hrs. approved and appropriate work activity/wk. Prerequisite: Department approval.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/elec/#ELEC\\_271](http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80095 503 INT	-----	-	08/19/19-12/15/19		King M	4 of 5

SB 155 Excel in CTE

Requirement: Department approval

## Electrical Technology

### ELTE 110 - AC/DC Circuits

This is an introductory course that addresses the basics of Direct Current (DC) and Alternating Current (AC) circuits. The lab component to this course will expand on concepts taught in lecture by incorporating hands-on projects using common components found in the electrical industry. Students will gain experience in the process of reading and troubleshooting schematic drawings using electrical measuring equipment. Prerequisite: Department approval.

Credit Hours: 4

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_110\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80008 001 F2F	MTWR---	08:30-09:50 AM	08/19/19-10/10/19	CTE 110	Randazzo C	Closed
	Lab MTWR---	10:00-11:20 AM	08/19/19-10/10/19	CTE 110		
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
80009 002 F2F	MTWR---	12:00-01:20 PM	08/19/19-10/10/19	CTE 110	Randazzo C	Closed
	Lab MTWR---	01:30-02:50 PM	08/19/19-10/10/19	CTE 110		
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
80010 003 F2F	MTWR---	03:00-04:20 PM	08/19/19-10/10/19	CTE 110	Cranston B	Closed
	Lab MTWR---	04:30-05:50 PM	08/19/19-10/10/19	CTE 110		
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
80011 004 F2F	M-W----	06:00-07:20 PM	08/19/19-12/11/19	CTE 110	Heinsius B	Closed
	Lab M-W----	07:30-08:50 PM	08/19/19-12/11/19	CTE 110		
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
82023 005 F2F	M-W----	08:30-11:20 AM	08/19/19-10/09/19	CTE 246	Clark H	Closed
	Lab -T-R---	08:30-11:20 AM	08/20/19-10/10/19	CTE 246		
<i>SB 155 Excel in CTE</i> Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval						

## ELTE 115 - Print Reading

This course addresses the fundamentals of interpreting construction drawings. Students learn to read specification manuals and prints as applied to electrical installations in residential, commercial and industrial buildings. Prerequisite: Department approval.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_115\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80012 001 F2F	-T-R---	12:00-01:50 PM	08/20/19-11/07/19	CTE 254	Cranston B	Closed
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
80013 002 F2F	M-W----	09:30-11:20 AM	08/19/19-11/06/19	CTE 233	Byrnes J	Closed
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						
80014 003 F2F	M-W----	12:30-02:20 PM	08/19/19-11/06/19	CTE 254	Cranston B	Closed
<i>SB 155 Excel in CTE</i> Note: This section is open to ELTE majors only						

## ELTE 122 - National Electrical Code I

This is an introductory course on the use and interpretation of the current National Electrical Code (NEC), chapters 1-4. Students will learn the purpose and history of the code; develop a working knowledge of the code requirements for wiring, protection, materials and equipment; and be able to discern between wiring methods used in different occupancies. Prerequisite or Corequisite: ELTE 110.

**Credit Hours: 4**

[Outline \(http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_122\)](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80015 001 F2F	M-W----	12:00-01:50 PM	08/19/19-12/15/19	CTE 233	Byrnes J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
80016 002 F2F	-T-R---	09:30-11:20 AM	08/20/19-12/15/19	CTE 233	Byrnes J	Closed
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
80017 003 F2F	-T-R---	12:30-02:20 PM	08/20/19-12/15/19	CTE 233	Byrnes J	Closed
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
80018 004 F2F	-T-R---	06:00-08:50 PM	08/20/19-10/31/19	CTE 233	Heinsius B	Closed
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						

## ELTE 125 - Residential Wiring

This course covers residential wiring methods that include practical application and hands-on experience in implementing the code requirements. Installation rules and circuit designs for switches, receptacles, luminaires and appliances will also be discussed. The student will explore necessary skills to install electrical systems in a residential occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). Prerequisite or Corequisite: ELTE 110 and ELTE 115.

**Credit Hours: 4**

**Associated Costs:** \$100 to \$200

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_125](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80019 001 F2F	MTWR---	08:30-09:50 AM	10/14/19-12/05/19	CTE 110	Randazzo C	Closed
	<b>Lab</b> MTWR---	10:00-11:20 AM	10/14/19-12/05/19	CTE 110		
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
80020 002 F2F	MTWR---	12:00-01:20 PM	10/14/19-12/05/19	CTE 110	Randazzo C	Closed
	<b>Lab</b> MTWR---	01:30-02:50 PM	10/14/19-12/05/19	CTE 110		
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
80021 003 F2F	MTWR---	03:00-04:20 PM	10/14/19-12/05/19	CTE 110	Cranston B	Closed
	<b>Lab</b> MTWR---	04:30-05:50 PM	10/14/19-12/05/19	CTE 110		
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						

## ELTE 202 - Electrical Estimating

This course covers the process of estimating the cost of an electrical design. Students will learn to develop an electrical estimate for a residential and commercial design. Emphasis will be placed on compiling a take-off list of materials from blueprints, determining material and labor cost, writing bid proposals and creating change orders. Prerequisite: ELTE 115.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_202](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80022 001 F2F	--W----	05:00-06:50 PM	08/21/19-12/15/19	CTE 233	Reaser D	Closed
	<b>Lab</b> --W----	07:00-09:50 PM	08/21/19-12/15/19	CTE 233		
<i>SB 155 Excel in CTE</i>						

## ELTE 225 - Industrial Wiring I

This is an introductory course that covers industrial wiring methods that include practical application and hands-on experience in implementing the code requirements. Transformer installation, power distribution and various wiring methods will also be discussed. The student will explore necessary skills to install electrical systems in an industrial occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). Prerequisite: ELTE 200.

**Credit Hours: 3**

**Associated Costs:** \$100 to \$200

Outline ([http://catalog.jccc.edu/coursedescriptions/elte/#ELTE\\_225](http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80023 001 F2F	M-----	05:00-06:50 PM	08/19/19-12/15/19	CTE 233	Byrnes J	Closed
	<b>Lab</b> M-----	07:00-09:50 PM	08/19/19-12/15/19	CTE 243		
<i>SB 155 Excel in CTE</i>						
82034 002 F2F	M-W----	10:30-12:20 PM	10/14/19-12/04/19	CTE 246	Clark H	Closed
	<b>Lab</b> M-W----	01:30-04:20 PM	10/14/19-12/04/19	CTE 243		

*SB 155 Excel in CTE*

Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

## Emergency Medical Science/MICT

### EMS 121 - CPR I - Basic Life Support for Healthcare Provider

This course provides an overview of the cardiovascular and respiratory systems, a discussion of medical and environmental emergencies leading to the need for CPR, and an introduction to diagnostic signs and triage, as well as insight into the structure and function of the emergency medical services system. The most current practical CPR skills will be taught, including CPR, AED, and airway obstruction techniques for adults, children and infants. Upon successful completion of all American Heart Association standards, the student will receive affirmation at the Healthcare Provider level.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_121](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82500 002 F2F	---R---	08:00-12:00 PM	09/26/19-10/24/19	SCI 101L	Biggs S Giegerich P	Closed
	---R---	08:00-12:00 PM	09/26/19-10/24/19	SCI 101M		
	---R---	08:00-12:00 PM	09/26/19-10/24/19	SCI 101N		

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83066 003 F2F	---R---	06:00-10:00 PM	09/05/19-10/03/19	SCI 222	Stellwagon J Hall G	Closed
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### EMS 128 - EMS First Responder

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The First Responder course meets the standards for Emergency Medical Responder (EMR) training and testing.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_128](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82502 002 F2F	MTW----	06:00-10:00 PM	08/19/19-10/09/19	SCI 222	Allen D Danenberg-Jones M	Closed
<i>SB 155 Excel in CTE</i>						
82503 003 F2F	MTW----	06:00-10:00 PM	10/14/19-12/04/19	SCI 222	Allen D Danenberg-Jones M	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
82504 004 F2F	MT-R---	12:45-02:45 PM	08/19/19-12/12/19	LCCC 008	Stellwagon J	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
82518 005 F2F	-----S-	09:30-04:00 PM	08/24/19-12/14/19	SCI 112	Osborn T Parker J	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
82693 006 F2F	--WR---	12:00-03:00 PM	08/21/19-12/12/19	SCI 112	Foster C Allen D	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
83243 007 F2F	MTW----	06:00-10:00 PM	10/21/19-12/11/19	OHEC 217	Smith B Hall G	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

## EMS 131 - Emergency Medical Technician

This program is designed for individuals interested in providing medical care to patients in the pre-hospital setting. It will provide the participants with opportunities to gain information, skills and attitudes necessary for certification and practice as an emergency medical technician (EMT) in the state of Kansas. This program has been approved by the Kansas Board of Emergency Medical Services (BEMS). It addresses information and techniques currently considered the responsibility of the EMT according to the United States Department of Transportation, National Standard Curriculum. The program consists of didactic instruction, practical skill training and clinical experience. Students are also required to attend Saturday session(s) as necessary. Saturday dates and times will be announced during the first class session. Classroom instruction includes anatomy, physiology, recognition and care of medical emergencies and trauma-related injuries. CPR, bandaging, splinting, childbirth techniques and airway management are among the skills taught. An extrication session will give students hands-on experience with automobile accident situations. Upon instructor recommendation, students will participate in clinical and field observation. All transportation to and from off-campus sites is the responsibility of the student. Students completing this course with a minimum grade of "C" will be allowed to sit for the Kansas EMT State Certification examination and receive JCCC certificate of completion. Prerequisite: EMS 128 with a grade of "C" or higher or department approval.

**Credit Hours: 10**

Outline ([http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_131](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82523 001 F2F	-T-R---	01:30-05:30 PM	08/20/19-12/12/19	SCI 101L	Biggs S Giegerich P	<b>Closed</b>
	-T-R---	01:30-05:30 PM	08/20/19-12/12/19	SCI 101M		
	-T-R---	01:30-05:30 PM	08/20/19-12/12/19	SCI 101N		
	-----	-	08/20/19-12/12/19	<b>Online</b>		
<i>SB 155 Excel in CTE</i>						
82524 002 F2F	-T-R---	06:00-10:00 PM	08/20/19-12/12/19	SCI 101L	Biggs S Giegerich P	<b>Closed</b>
	-T-R---	06:00-10:00 PM	08/20/19-12/12/19	SCI 101M		
	-T-R---	06:00-10:00 PM	08/20/19-12/12/19	SCI 101N		
	-----	-	08/20/19-12/12/19	<b>Online</b>		
<i>SB 155 Excel in CTE</i>						
82525 003 F2F	M-W----	06:00-10:00 PM	08/19/19-12/11/19	LCCC 008	Parker R Parker J	<b>Closed</b>
	-----	-	08/19/19-12/11/19	<b>Online</b>		
<i>SB 155 Excel in CTE</i>						

## EMS 140 - Basic Cardiology and EKG Recognition

The health care worker with an understanding of ECG tracing will function more effectively when providing care for the cardiac patient. Increasing numbers of professionals are being called upon to utilize ECG tracing in their work settings, but without adequate knowledge of its use. This course will serve as both continuing education and the preparation for the job entry and/or job advancement. During the course, students will learn to apply monitoring and 12-lead electrodes, diagnose ECG dysrhythmias and infarct locations, treat ECG dysrhythmias, and defibrillate ventricular fibrillation. Prerequisite: Prospective students should be certified in a health profession, i.e., EMT, RN, LPN, EMT-P.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_140\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82526 001 F2F	--W----	06:00-09:00 PM	08/21/19-12/11/19	SCI 112	Wright R	Closed

*SB 155 Excel in CTE*

## EMS 271 - MICT IV Field Internship

MICT IV is the final of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. During MICT IV, paramedic students have the opportunity to take the knowledge and skills gained in MICT I, II and III and apply them in an actual practice environment. MICT IV represents an intense 4-month course in which knowledge, skills and professional behaviors are synthesized and applied to victims of sudden trauma or medical emergencies under supervision of paramedic preceptors at the emergency scene and in the ambulance. Entry-level competence into the profession is demonstrated as the student demonstrates the ability to assess the scene and the patient, develop a plan for therapeutic intervention as well as scene management, and effectively lead the out-of-hospital resuscitation team's effort. Classroom and laboratory review are included. Prerequisite: EMS 230 with a grade of "C" or higher.

**Credit Hours: 15**

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS\\_271\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82568 500 INT	MTWRF--	09:00-04:30 PM	09/03/19-12/09/19	SCI 101L	Wnek S Michel L Craig S	Closed
	MTWRF--	09:00-04:30 PM	09/03/19-12/09/19	SCI 101M		
	MTWRF--	09:00-04:30 PM	09/03/19-12/09/19	SCI 101N		

*SB 155 Excel in CTE*

## English

### ENGL 102 - Writing Strategies

English 102 is designed to give students a solid foundation in grammar and punctuation, helping students overcome obstacles in mechanics that have in the past interfered with their ability to communicate clearly. This sentence-level work soon leads to short paragraphs that offer students the opportunity to practice and refine their writing process. Students in English 102 will learn to view their writing within a rhetorical context of author, message, and audience. Clear, well-organized, well-developed, and mechanically sound foundational writing is the ultimate objective of Writing Strategies. This course is a prerequisite in a sequence of courses leading to ENGL 121. Prerequisite: Appropriate placement test score.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_102\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80269 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	LIB 359	Harris S	Closed
80270 004 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 359	Harris S	Closed
80271 006 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 359	Harris S	Closed
80272 008 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	LIB 359	Lillich S	Closed
80273 010 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 359	Harris S	Closed
80274 012 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 122	Biondo A	Closed
80275 014 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	LIB 359	Petrillo S	Closed
80276 016 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 130	Workman C	Closed

### ENGL 106 - Introduction to Writing

Beginning with a review of basic sentence skills, this course focuses on paragraph development, including subject selection, topic sentences, methods of development, transitional devices and effective introductions and conclusions. The last part of the course will focus on developing multi-paragraph essays. This course is in a sequence of courses leading to ENGL 121. Prerequisite: ENGL 102 or an appropriate score on an assessment test.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_106\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80403 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 215	Pace A	Closed
80411 002 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 124	Broomfield A	Closed
80413 003 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 124	Broomfield A	Closed
80415 005 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 124	Davis D	Closed
80416 007 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 124	Davis D	Closed
80417 009 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 128	Brannan R	Closed
80420 010 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 217	Brunner L	Closed
80419 012 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 128	Brannan R	Closed
80421 013 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 217	Dixon G	Closed
80422 015 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 217	Dixon G	Closed
80425 016 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 215	Brunner L	Closed
80430 019 F2F	M-W----	02:30-03:45 PM	08/19/19-12/15/19	CC 128	Brannan R	Closed
80431 020 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 215	Gulley B	Closed
80432 021 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 130	Biondo A	Closed
80433 023 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 215	Gulley B	Closed
80434 025 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 311	Davis D	Closed
80435 026 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 215	Biondo A	Closed
80436 028 F2F	-T-R---	02:30-04:00 PM	09/03/19-12/15/19	🚗 LPC D	Devictor C	Closed
80437 030 F2F	-T-R---	03:30-04:45 PM	08/20/19-12/15/19	CC 122	Workman C	Closed
80438 032 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 217	Hart N	Closed
80439 034 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	CC 215	Newton J	Closed
80440 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Davis D	Closed
80441 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Davis D	Closed

## ENGL 121 - Composition I

Composition I focuses on writing nonfiction prose suitable in its expression and content to both its occasion and its audience. Students will have an opportunity to improve in all phases of the writing process: discovering ideas, gathering information, planning and organizing, drafting, revising and editing. Each text written in the course should clearly communicate a central idea or thesis, contain sufficient detail to be lively and convincing, reflect the voice of the writer and use carefully edited standard written English. By the end of the semester, students should have completed at least 20 pages (approximately 5,000 words) of revised and edited prose. Prerequisite: ENGL 106 or (EAP 113 and EAP 117) or an appropriate placement test score.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_121\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80442 001 F2F	M-W-F--	07:00-07:50 AM	08/19/19-12/15/19	LIB 357	Lillich S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80443</b> 003 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 217	Browning M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80444</b> 004 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 128	Reynolds T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<b>80445</b> 005 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 242	Karle K	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80446</b> 006 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 122	Carriger M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80447</b> 007 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	LIB 357	Lillich S	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80448</b> 010 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 217	Browning M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80454</b> 011 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 130	Alexander D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80455</b> 012 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 324	Pace A	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80456</b> 013 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 128	Reynolds T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>80457</b> 014 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 311	Gulley B	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>80460</b> 015 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 242	Karle K	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>80461</b> 016 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	LIB 357	Carriger M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<b>80462</b> 020 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 130	Alexander D	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80463</b> 021 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 128	Werkmeister S	<b>Closed</b>
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
<b>80464</b> 022 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 353B	Gulley B	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
<b>80468</b> 023 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 242	Karle K	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80472</b> 024 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 238	Bell S	<b>Closed</b>
This section's title is <b>Composition I Honors</b> .						
<i>Accelerating Opportunity KS General Education Designation Honors Course KBOR Seamless Transfer</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 25 or, if ACT is not available, appropriate placement test score and departmental approval. Course objectives and competencies remain the same as for other Composition I classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
<b>80571</b> 025 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 307	Dixon G	<b>Closed</b>
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
<b>80572</b> 026 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 313	Boyer J	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80573</b> 027 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 324	Stock J	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
<b>80574</b> 030 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 128	Werkmeister S	<b>Closed</b>
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
<b>80575</b> 031 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 217	Dixon G	<b>Closed</b>
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
<b>80576</b> 032 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 329	Boyer J	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80577</b> 033 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 215	Stock J	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
<b>80578</b> 034 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 130	Hodgkin J	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80579</b> 035 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 307	Murtaugh D	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<b>80580</b>	036 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 311	Frazier C	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<b>80581</b>	037 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 313	Patch C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>80582</b>	040 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 242	Jackson M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<b>80583</b>	041 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 215	Frazier C	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>80584</b>	042 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	LIB 359	Skidmore P	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<b>80585</b>	043 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	LIB 357	Patch C	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<b>80586</b>	044 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 130	Hodgkin J	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<b>80587</b>	047 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 238	Bell S	<b>Closed</b>
This section's title is <b>Composition I Honors</b> .							
<i>Accelerating Opportunity KS</i>							
<i>Honors Course</i>							
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 25 or, if ACT is not available, appropriate placement test score and departmental approval. Course objectives and competencies remain the same as for other Composition I classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .							
<b>80588</b>	048 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 242	Jackson M	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>80589</b>	049 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	LIB 357	Way H	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<b>80590</b>	050 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	LIB 359	Skidmore P	<b>Closed</b>
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
<b>80591</b>	054 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	LIB 357	Way H	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80592</b> 057 F2F	M-W-F--	03:00-03:50 PM	08/19/19-12/15/19	CC 122	Way H	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>80593</b> 059 F2F	M-W-F--	04:00-04:50 PM	08/19/19-12/15/19	GEB 242	Jackson M	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>80594</b> 062 F2F	M-W----	12:00-02:50 PM	08/19/19-10/13/19	CC 324	Ferguson K	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80595</b> 065 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	LIB 357	Rollins T	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Special Focus</i>						
<b>80596</b> 066 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 122	Bennett S	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>80597</b> 069 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 130	Alexander D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>80598</b> 070 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	HCA 119	Broomfield A	<b>Closed</b>
<i>Special Focus</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
Note: This course will transfer to all colleges and universities as Composition I. Students in this Food Focus class will write essays and learn introductory research skills that allow them to focus on a variety of culinary topics and trends. This class is open to students who are interested in food studies, including students in Hospitality Mgt. and Culinary Education. For further information, contact Prof. Broomfield, abroomfi@jccc.edu.						
<b>80599</b> 071 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 242	Jones N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80600</b> 074 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 128	Brannan R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>80601</b> 075 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 130	Alexander D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80602</b> 076 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 359	Ness W	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80603</b> 077 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 242	Jones N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80604</b> 078 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 313	Ganguly Puckett S	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
<b>80605</b> 080 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 128	Brannan R	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80606</b> 081 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	OCB 332	Jones N	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
<b>80607</b> 082 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 122	Ganguly Puckett S	<b>Closed</b>
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
<b>80608</b> 083 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	SCI 124	Karle K	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80609</b> 085 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 122	Ness W	<b>Closed</b>
<i>General Education Designation Accelerating Opportunity KS KBOR Seamless Transfer</i>						
<b>80610</b> 086 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 242	Senter M	<b>Closed</b>
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
<b>80611</b> 090 F2F	-T-R---	03:30-04:45 PM	08/20/19-12/15/19	CC 215	Cryer D	<b>Closed</b>
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
<b>80613</b> 097 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 122	Hoelting M	<b>Closed</b>
<i>General Education Designation Accelerating Opportunity KS KBOR Seamless Transfer</i>						
<b>80614</b> 098 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 122	Longfellow B	<b>Closed</b>
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
<b>80615</b> 099 F2F	-T-----	06:00-09:05 PM	09/03/19-12/15/19	 DSH 210	Devictor C	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80616</b> 102 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 122	Hoelting M	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
<b>80617</b> 103 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 215	Newton J	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80618</b> 105 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	CC 122	Longfellow B	<b>Closed</b>
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
<b>80619</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Browning M	<b>Closed</b>



CRN	Days	Time	Date	Location	Instructor	Seats Open		
<i>Accelerating Opportunity KS</i>								
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
<b>80620</b>	351	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Reynolds T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<b>80621</b>	352	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Davis D	<b>Closed</b>
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								
<b>80622</b>	353	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Davis D	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<b>80624</b>	355	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Ganguly Puckett S	<b>Closed</b>
<i>Accelerating Opportunity KS</i>								
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
<b>80625</b>	356	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Ganguly Puckett S	<b>Closed</b>
<i>General Education Designation</i>								
<i>Accelerating Opportunity KS</i>								
<i>KBOR Seamless Transfer</i>								
<b>80626</b>	357	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Cryer D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>								
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
<b>80627</b>	358	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Cryer D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<b>80628</b>	359	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Chapman C	<b>Closed</b>
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								
<b>80629</b>	360	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Cooper J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<b>80630</b>	361	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Cooper J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<b>80631</b>	362	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Kern S	<b>Closed</b>
<i>General Education Designation</i>								
<i>Accelerating Opportunity KS</i>								
<i>KBOR Seamless Transfer</i>								
<b>80633</b>	364	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Nelson J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								
<i>General Education Designation</i>								
<b>80634</b>	366	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Nelson J	<b>Closed</b>
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
<i>Accelerating Opportunity KS</i>								

CRN	Days	Time	Date	Location	Instructor	Seats Open
80635 367 ONLNE	-----	-	08/19/19-12/15/19	Online	Petrillo S	Closed
<i>General Education Designation Accelerating Opportunity KS KBOR Seamless Transfer</i>						
80636 368 ONLNE	-----	-	09/09/19-12/15/19	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
80637 369 ONLNE	-----	-	09/09/19-12/15/19	Online	Ness W	Closed
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
80638 370 ONLNE	-----	-	08/19/19-10/13/19	Online	Heflin R	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
83030 371 ONLNE	-----	-	08/19/19-12/15/19	Online	Chapman C	Closed
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
83169 372 ONLNE	-----	-	10/21/19-12/15/19	Online	Kern S	Closed
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
80639 426 SEL	-----	-	08/19/19-12/14/20	Self Paced	Ganguly Puckett S	2 of 20
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
Note: Enrollment for ENGL 121-426 starts on July 1, 2019 and ends on October 31, 2019. For more information and permission to enroll in this self-paced class, please contact Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at <a href="mailto:sganguly@jccc.edu">sganguly@jccc.edu</a> .						
Requirement: Department approval						

## ENGL 122 - Composition II

Composition II focuses on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information from a variety of academic and non-academic sources. Because writing is integral to college coursework and the workplace, this course emphasizes the rhetorical skills needed to understand and produce complex compositions in a variety of forms, which may include essays, presentations, reports, social media posts and other digital forms of communication. Composition II emphasizes the deep revision needed to compose expository, evaluative and persuasive prose. By the end of the semester, students should have completed at least 25 pages (approximately 6,250 words) of revised and edited prose. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_122](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80640 002 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 130	Carpenter W	Closed
<i>KBOR Seamless Transfer General Education Designation</i>						
80641 003 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 314	Cantwell D	Closed
<i>General Education Designation KBOR Seamless Transfer</i>						
80642 005 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 215	Fitzpatrick M	Closed
<i>General Education Designation KBOR Seamless Transfer</i>						
80643 006 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 122	Schmeer M	Closed
<i>KBOR Seamless Transfer General Education Designation</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80644</b> 007 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	LIB 313	Carpenter W	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>80645</b> 010 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 215	Fitzpatrick M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80646</b> 011 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 122	Schmeer M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80647</b> 012 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 357	Davis D	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>80648</b> 013 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	LIB 311	Cantwell D	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>80649</b> 015 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 122	Schmeer M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80650</b> 016 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 324	Davis D	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80651</b> 017 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 238	Carriger M	<b>Closed</b>
This section's title is <b>Composition II Honors</b> .						
<i>Honors Course</i> <i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
Note: This is an honors section. Enrollment is by permission, requiring an A in Composition I and department approval. Course objectives and competencies remain the same as for other Composition II classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
<b>80652</b> 019 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 122	Murtaugh D	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>80653</b> 021 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 122	Davis M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80655</b> 024 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 122	Davis M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80656</b> 029 F2F	M-W----	12:00-02:50 PM	10/21/19-12/15/19	CC 324	Ferguson K	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>80657</b> 030 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 217	McWard J	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80658</b> 031 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 124	McBride L	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80659</b> 033 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 124	Luthi G	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>80660</b> 034 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 122	Carriger M	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
80661 035 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 217	Rollins T	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80662 037 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 124	Luthi G	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80663 038 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 217	Rollins T	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80664 039 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	LIB 357	Bennett S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80665 041 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 211	Small J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80666 042 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	LIB 357	McBride L	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80667 046 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 124	Small J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80668 048 F2F	-T-R---	03:30-04:45 PM	08/20/19-12/15/19	CC 217	McBride L	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80669 050 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 242	Luthi G	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80670 052 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 217	Funari A	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80671 055 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	CC 217	Hart N	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80672 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Werkmeister S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80673 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Werkmeister S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80674 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones N	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80675 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Bell S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80676 354 ONLNE	-----	-	08/19/19-12/15/19	Online	Bell S	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80677 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Rollins T	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80679 357 ONLNE	-----	-	08/19/19-12/15/19	Online	Lane J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80680	358	ONLNE	-----	-	08/19/19-12/15/19	Online Paldino L Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80681	359	ONLNE	-----	-	08/19/19-12/15/19	Online Paldino L Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80682	360	ONLNE	-----	-	08/19/19-12/15/19	Online Funari A Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80683	361	ONLNE	-----	-	08/19/19-12/15/19	Online Workman C Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80684	362	ONLNE	-----	-	08/19/19-12/15/19	Online Lane J Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80685	363	ONLNE	-----	-	09/09/19-12/15/19	Online Workman C Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80687	365	ONLNE	-----	-	10/21/19-12/15/19	Online Heflin R Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80688	426	SEL	-----	-	08/19/19-12/14/20	Self Paced Fitzpatrick M 10 of 20
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: Enrollment for ENGL 122-426 starts July 1, 2019 and ends October 31, 2019. For more information or permission to enroll in this self-paced class, please contact Prof. Maureen Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@jccc.edu.						
Requirement: Department approval						

## ENGL 123 - Technical Writing I

This course introduces students to technical and professional writing. Students will apply the writing process, engaging rhetorical strategies, when constructing typical workplace correspondence, such as memos, letters, reports, and digital documents (including writings for social media and asynchronous presentations). By the end of the semester, students should have written approximately 5,000 words in revised and edited documents. Students will focus on effective technical writing criteria: clarity, conciseness, document design, organization, and accuracy. Accuracy specifically requires students to follow standard English grammar and punctuation rules. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_123](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80277	002	F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 215 Cryer D Closed
<i>General Education Designation</i>						
80278	350	ONLNE	-----	-	08/19/19-12/15/19	Online Fitzpatrick M Closed
<i>General Education Designation</i>						

## ENGL 130 - Introduction to Literature

Students will read, discuss and analyze works from three literary genres: the short story, the poem and the play. Students will learn and apply the technical vocabulary used in the criticism of these literary forms. Students will be introduced to representative works from various literary traditions and cultures, including numerous works from contemporary writers. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_130](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80281 007 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 314	Reynolds T	Closed
<i>General Education Designation KBOR Seamless Transfer</i>						
80282 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Gulley B	Closed
<i>KBOR Seamless Transfer General Education Designation</i>						
80283 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones N	Closed
<i>KBOR Seamless Transfer General Education Designation</i>						

## ENGL 140 - Writing for Interactive Media

This course teaches students to apply the writing process as well as fundamental rhetorical and composition skills to various interactive media including web pages, CD-ROMs/DVD, e-mail, kiosks, support materials, simulations, social networking and other electronic media. The instruction will focus on skills essential to selecting, evaluating and synthesizing information from primary and secondary sources; in addition, it will emphasize the different approaches to organization that these media require as well as the variety of discourse styles used in informative, instructional, persuasive and entertainment media texts. Prerequisite: ENGL 121.

**Credit Hours:** 3

**Associated Costs:** \$10 to 20

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_140](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80284 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Fitzpatrick M	Closed
<i>General Education Designation</i>						

## ENGL 150 - Digital Narratives

Games, particularly Role-Playing Games (RPGs) and other participatory narratives, share many properties with traditional narratives, yet differ significantly from their linear counterparts. This course focuses on the elements of narrative as well as the principles that drive virtual or alternative possible worlds (both fictive and reality-based), and it will provide students with practice writing and designing artifacts that demonstrate an understanding of plot, character, setting and the impact of structure and purpose in game development. Prerequisite: ENGL 121.

**Credit Hours:** 3

**Associated Costs:** \$20 to 30

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_150](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80346 002 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 217	Schmeer M	Closed

## ENGL 223 - Introduction to Creative Writing

This course provides an introductory study to the craft of imaginative writing, with an emphasis on the reading and discussion of student manuscripts and of published works by contemporary writers. Students will apply close reading skills to understand the writing techniques used to craft publishable imaginative writing, and practice these techniques in their own writing. Students will study and practice writing in two major literary genres of the instructor's choice: fiction, poetry, creative nonfiction or scriptwriting. Prerequisite: ENGL 121.

**Credit Hours:** 3

**Associated Costs:** \$0-\$75

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_223](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80347 002 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 124	Luthi G	Closed
80348 004 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 238	Bell S	Closed
82431 005 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 238	Bell S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
This section's title is <b>Creative Writing Honors</b> .						
<i>Honors Course</i>						
Note: For this honors section the prerequisite is a minimum of a A in Composition I and department approval. Course objectives and competencies remain the same as for other Creative Writing Sections, although the instructor may select additional textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
80349 007 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 217	Schmeer M	<b>Closed</b>

## ENGL 227 - Introduction to Poetry

This course emphasizes close reading and analysis of poetry by writers from different time periods, countries and ethnic backgrounds. Students will study terms, patterns and forms that are useful for an understanding and appreciation of poetic verse. The course will cover major literary, historical and cultural movements as they relate to poetry. Students will be introduced to major classical and contemporary American and English poets, along with contemporary foreign-language poetry in translation. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_227](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_227))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80354 002 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 128	Reynolds T	<b>Closed</b>
<i>General Education Designation</i>						

## ENGL 230 - Introduction to Fiction

This course features significant opportunities to write about the literature and the reader's response to it. Students will learn the historical fictional precedents of the short story; the similarities and differences between the short story and other narrative forms, such as the novel; the differences between the short story and its historical precedents, between short stories and film adaptations of them, and between commercial and literary short stories. Students will discover the place of short stories in major literary movements, the key elements of short stories and interpretive approaches to short stories. Prerequisite: ENGL 122.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_230](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80367 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 217	Browning M	<b>Closed</b>
<i>General Education Designation</i>						
80370 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Davis D	<b>Closed</b>
<i>General Education Designation</i>						

## ENGL 232 - Children's Literature

Children's Literature is meant for all students interested in bringing children and books together but is especially suited for those who are students with English or education majors; teachers already in the elementary school classroom; parents; those working with children in preschools, day-care centers and libraries; and grandparents and prospective parents. The course would also benefit those exploring the field of writing and illustrating for children. Students will identify children's needs and interests, list the criteria for choosing books for children, and demonstrate the means by which we can bring children and books together. Students will read, examine and critique a variety of children's literature selected by author, genre and historical time period. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_232](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80373 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 242	Senter M	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
80377 003 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 242	Senter M	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
80382 005 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 215	Hodgkin J	<b>Closed</b>
<i>Cultural Diversity Designation</i>						

## ENGL 237 - British Literature after 1800

In this survey course, the student will study British literature written from 1800 to the present. Major authors from the Romantic, Victorian and Modern eras, such as Austen, Blake, Wordsworth, the Shelleys, Dickens, Tennyson, the Brownings, Eliot and Woolf, will be included. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be chosen from the traditions of Australia, India, Asia, various regions of Africa or the Middle East. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_237](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_237))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80384 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Harris S	Closed

## ENGL 243 - Literature of Science Fiction

This course examines the literature of science fiction, especially from 1960 through the present. Students explore the unifying concepts of science and technology, depicted through imaginative narratives of the past, present and future. Students read short stories and/or novels, view science fiction films and discuss key science fiction concepts. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_243](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80386 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 124	Davis D	Closed

## ENGL 246 - American Literature I

This survey course is a stand-alone course that presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the pre-Colonial Period through the post-Civil War era. By grappling with the ideas and characterizations presented in each assigned literary work, the student develops meaningful insights into the attitudes and human conditions that have influenced America's national literary identity. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_246](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_246))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80391 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Browning M	Closed

*General Education Designation*

## ENGL 252 - Introduction to Shakespeare

Identified by a contemporary as "not of an age, but for all time," William Shakespeare is arguably the most important writer in the English language. In this introductory course, students will read and explore eight to ten plays, situating them in their literary, social and historical contexts, as well as a handful of sonnets. While the course will emphasize close readings of the texts, students will also explore various interpretations of the plays on stage, film and within the wider culture. Prerequisite: ENGL 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_252](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_252))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82567 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Werkmeister S	Closed

## ENGL 254 - Masterpieces of the Cinema

This course examines the development of cinema from the early experiments in the late 1800s up to the present day, presenting the history and art of both American and international cinema. Students read the textbook, view short and full-length films, and discuss important cinematic techniques and concepts. Students verify their judgments by summarizing and analyzing these important concepts, using discussions, and writing effective, well-organized essays in response to specific films. Prerequisite: ENGL 121.



**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engl/#ENGL\\_254](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_254))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80394 350 ONLNE	-----	-	08/19/19-12/15/19	Online	McWard J	Closed

*General Education Designation*

## Engineering

### ENGR 131 - Engineering Graphics I:AutoCAD

Upon successful completion of this course, the student will be able to apply graphic principles used in the engineering design process. The student will master graphics concepts using computer-aided drafting (CAD) software. Topics include 2-D and 3-D CAD commands; geometric construction; multi-view, orthographic projection; sectional views; isometrics; dimensioning; and descriptive geometry. Prerequisite or Corequisite: MATH 130 or MATH 171 or MATH 172 or MATH 173 or MATH 241.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/engr/#ENGR\\_131](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81361 001 F2F	Lab -----	-	08/19/19-12/15/19	ITC 124	Johnson S	Closed
	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	ITC 181		

### ENGR 251 - Statics

This course introduces the student to the conditions of rest and motion of bodies under the action of forces. The principles used include vectors, force systems, equilibrium, free body diagrams, centroids, moments of inertia, trusses, frames, and shear and moment diagrams. Prerequisite: MATH 242. Prerequisite or Corequisite: PHYS 220.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/engr/#ENGR\\_251](http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81362 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	ITC 181	Johnson S	Closed

## Entrepreneurship

### ENTR 120 - Introduction to Entrepreneurship

The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy. The student will evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, the student will review the challenges and rewards of entrepreneurship as a career choice as well as entrance strategies to accomplish such a choice.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_120](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82020 001 F2F	-T-----	02:00-05:10 PM	10/15/19-12/08/19	RC 342	Magnant J	Closed
82021 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Grandgenett C	Closed
82028 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Grandgenett C	Closed

### ENTR 130 - Entrepreneurial Mindset

Upon successful completion of this course, the student will be introduced to the entrepreneurial mindset in its true economic and social context by studying the unlimited opportunities that an entrepreneurial mindset can provide. The student will study the skills, attitudes and behaviors that successful entrepreneurs have historically possessed, as well as the issues, circumstances and obstacles that shaped their time. Additionally, the student will analyze modern-day successful entrepreneurs who

faced hardship and adversity by embracing an entrepreneurial mindset. The characteristics of the entrepreneurial mindset will be dissected and applied to the student's own mindset and entrepreneurial potential.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_130](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82032 001 F2F	M-----	01:00-05:40 PM	10/14/19-12/08/19	RC 342	Magnant J	Closed
82036 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Magnant J	Closed

## ENTR 142 - Business Plan

Upon successful completion of this course, the student will be able to evaluate a business concept and write a sound business plan. In the process of doing so, students will be able to assess the strengths and weaknesses of a business concept, collect and organize market research data into a marketing plan, and prepare the financial projects for their business concept. In addition, students will be able to identify and evaluate various resources available for funding small businesses.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_142](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83086 376 HYB	-----	-	10/14/19-12/08/19	Online	Addressi J	Closed
	M-----	06:00-09:10 PM	10/21/19-10/21/19	CC 324		

*Mandatory Classroom Meetings*

## ENTR 160 - Legal Issues for Small Business

Upon successful completion of this course, the student should be able to identify the forms of business ownership and the legal and tax implications for each. In addition, the student should be able to explain laws covering issues such as personnel, contracts and protection of intellectual property. The student should also be able to explain the reporting requirements for local, state and federal agencies.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_160](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82039 960 ONLNE	-----	-	08/19/19-10/13/19	Online	Magnant J	Closed

## ENTR 180 - Opportunity Analysis

Upon successful completion of this course, the student should be able to assess the current economic, social and political climate for small businesses. In addition, the student should be able to explain how demographic, technological and social changes create opportunities for small business ventures.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_180](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82958 001 F2F	-T-----	02:00-05:10 PM	10/15/19-12/08/19	GEB 254	Duffey D	Closed

## ENTR 210 - Entrepreneurship Internship I

Upon the successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. A minimum of 240 hours of on-the-job training is required. This course is required for an associate of science degree in business entrepreneurship. Either ENTR 210 or BUSE 210, Entrepreneurship Internship I, or ENTR 215 or BUSE 215, Entrepreneurship Internship II, is required for a vocational certificate in business entrepreneurship. Prerequisite: Department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_210\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82047 500 INT	-----	-	08/19/19-12/15/19		Magnant J	24 of 25

## ENTR 225 - Family Business

Upon successful completion of this course, the student will gain the knowledge and skills needed for the successful management and leadership of a family enterprise by exploring a diverse set of family firms, examining the interrelationships among the owners, the family, and the management team. The student will analyze the management and family practices that ensure success while recognizing the advantages and challenges facing family enterprises. Emphasis is placed on positioning the family enterprise for sustained growth and continuity through generations.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/entr/#ENTR\\_225\)](http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82051 350 ONLNE	-----	-	10/14/19-12/08/19	Online	Grandgenett C	Closed

## Fashion Merchandising/Design

### FASH 121 - Fashion Fundamentals

Upon successful completion of this course, the student should be able to define appropriate fashion terminology and explain the structure of the industry, including the design process and marketing of the fashion product.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_121\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82052 001 F2F	M-W----	11:00-12:20 PM	08/19/19-12/15/19	OCB 374	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						
82053 002 F2F	-T-R---	09:30-10:50 AM	08/20/19-12/15/19	OCB 374	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						
82054 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						

### FASH 122 - Aesthetics for Merchandising and Design

Upon successful completion of this course, the student should be able to demonstrate an understanding and apply the concept of aesthetics as it relates to the different roles of the apparel industry and the development, selection and promotion of apparel and textile products. The student will incorporate the principles and elements of design into projects designed to apply their aesthetic knowledge.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_122\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82055 001 F2F	M-W----	09:30-10:50 AM	08/19/19-12/15/19	OCB 374	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						
82056 002 F2F	-T-R---	11:00-12:20 PM	08/20/19-12/15/19	OCB 374	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						
83044 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						

### FASH 123 - Apparel Construction I

Upon successful completion of this course, the student should be able to apply clothing construction principles, techniques and skills in apparel construction. The class will use lecture, demonstration and hands-on experience to teach the skills needed to plan and construct four garments during this class.

**Credit Hours: 4**

**Associated Costs:** \$100 to 300

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_123](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82061</b> 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	03:00-05:50 PM	08/19/19-12/15/19	OCB 306	Peter S	<b>Closed</b>
<b>83077</b> 002 F2F <i>SB 155 Excel in CTE</i>	M-W----	06:00-08:50 PM	08/19/19-12/15/19	OCB 306	Behnen M	<b>Closed</b>
<b>82062</b> 003 F2F <i>SB 155 Excel in CTE</i>	-T-R---	02:00-04:50 PM	08/20/19-12/15/19	OCB 306	Peter S	<b>Closed</b>
<b>82063</b> 004 F2F <i>SB 155 Excel in CTE</i>	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	OCB 306	Delaney G	<b>Closed</b>
<b>82064</b> 005 F2F <i>SB 155 Excel in CTE</i>	----F--	11:00-05:00 PM	08/23/19-12/15/19	OCB 306	Delaney G	<b>Closed</b>

## FASH 124 - Apparel Construction II

Upon successful completion of this course, the student should be able to apply intermediate apparel construction principles, techniques and skills in the production of various garments. This continuation of FASH 123 will focus on the planning and construction of an ensemble of intermediate complexity made from muslin fitting samples, with emphasis on precise fitting alteration. Prerequisite: FASH 123 or department approval.

**Credit Hours: 4**

**Associated Costs:** \$100 to 300

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_124](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>83083</b> 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	03:00-05:50 PM	08/19/19-12/15/19	OCB 306	Peter S	<b>Closed</b>
<b>82066</b> 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	11:00-01:50 PM	08/20/19-12/15/19	OCB 306	Behnen M	<b>Closed</b>
<b>82068</b> 003 F2F <i>SB 155 Excel in CTE</i>	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	OCB 306	Delaney G	<b>Closed</b>
<b>82067</b> 004 F2F <i>SB 155 Excel in CTE</i>	----F--	11:00-05:00 PM	08/23/19-12/15/19	OCB 306	Delaney G	<b>Closed</b>

## FASH 125 - Visual Merchandising

Upon successful completion of this course, the student should be able to explain and apply the principles of design in visual merchandising. In addition, the student should be able to identify and explain the use of mannequins and other forms, display fixtures and lighting systems, apply color theory, and present merchandise effectively in visual displays. The student should also demonstrate the use of appropriate types of displays for in-store promotions.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_125](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82070</b> 001 F2F <i>SB 155 Excel in CTE</i>	-T-R---	10:30-11:50 AM	08/20/19-12/15/19	GEB 354	Demark M	<b>Closed</b>
<b>82071</b> 002 F2F <i>SB 155 Excel in CTE</i>	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 354	Thacker W	<b>Closed</b>

## FASH 127 - Computer Aided Pattern Development

Upon successful completion of this course, the student will be able to apply the use of flat pattern techniques in developing computerized patterns for original apparel designs using the Gerber Pattern Design System technology. Students will digitize basic slopers/blocks and manipulate them into original apparel designs on the computer. This class will use a combination of lecture, demonstration and hands-on computer experience to teach the skills needed for creating digital patterns. Prerequisite: FASH 131.

**Credit Hours:** 4

**Associated Costs:** \$80

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_127](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82072 001 F2F	-T-R---	02:00-04:50 PM	08/20/19-12/15/19	OCB 374	Hillen D	Closed

*SB 155 Excel in CTE*

## FASH 130 - Fashion Illustration I

Upon completion of this course, the student will be able to create fashion illustrations using several different types of media and begin to develop content for their fashion portfolio. The student will be able to express and apply color, mood, detail and form in representing a variety of different types of apparel. This class includes a study of all types of fashion drawing including technical drawings, garment detail drawings and development of a full cohesive collection.

**Credit Hours:** 3

**Associated Costs:** \$100 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_130](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82074 001 F2F	M-W----	01:00-02:20 PM	08/19/19-12/15/19	OCB 374	Benjamin B	Closed
83047 002 F2F	-T-R---	01:00-02:20 PM	08/19/19-12/15/19	OCB 142	Benjamin B	Closed

*SB 155 Excel in CTE*

## FASH 131 - Flat Pattern Development

Upon successful completion of this course, students should be able to apply the use of flat pattern methods in developing patterns for original apparel designs. Students will hand draft a set of both standard size and custom slopers/blocks for manipulation into original pattern designs. Students will plan, develop patterns, create pattern instructions and prepare muslin samples of their designs. The class will use a combination of lecture, demonstration and hands on experience to teach the skills necessary in manual pattern development. Prerequisite: FASH 123.

**Credit Hours:** 4

**Associated Costs:** \$100 to 150

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_131](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82076 001 F2F	M-W----	02:30-05:20 PM	08/19/19-12/15/19	GEB 354	Behnen M	Closed

*SB 155 Excel in CTE*

## FASH 133 - Computer Aided Apparel Design

Upon successful completion of this course, students should be able to apply Adobe Photoshop and Illustrator computer skills to create original textile and apparel designs. Students will learn a variety of different techniques to create portfolio-ready compositions specific to fashion design.

**Credit Hours:** 3

**Associated Costs:** \$25 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_133](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82077 001 F2F	-T-R---	12:30-01:50 PM	08/20/19-12/15/19	OCB 374	Rhodes J	Closed

*SB 155 Excel in CTE*

## FASH 150 - Textiles

Upon successful completion of this course, the student should be able to differentiate fibers and fabrics according to their specific characteristics and to select fibers and fabrics for specific applications. In addition, the student should be able to identify properties and characteristics of natural and man-made fibers, the properties and characteristics of yarns, fabric construction methods including weaving and knitting and various finishing processes including printing and dyeing.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_150](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82079 001 F2F	-T-R---	05:30-06:50 PM	08/20/19-12/15/19	OCB 374	Hillen D	Closed
<i>SB 155 Excel in CTE</i>						
82120 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Hillen D	Closed
<i>SB 155 Excel in CTE</i>						

## FASH 180 - Draping

Upon successful completion of this course, the student should be able to apply fundamental draping techniques in the development of original draped garments. This class will build on the concepts of pattern-making by using 3D fabric manipulation to create 2D garment patterns. The class will use a combination of lecture, demonstration and hands-on experience. Prerequisites: FASH 123.

**Credit Hours: 3**

**Associated Costs: \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_180](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82303 001 F2F	M-W----	01:00-02:50 PM	08/19/19-12/15/19	OCB 306	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						
82121 002 F2F	-T-R---	09:00-10:50 AM	08/20/19-12/15/19	OCB 306	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						

## FASH 190 - Apparel Fit, Alterations and Analysis

Upon successful completion of this course, the student should be able to analyze and detect common fit problems in various types of garments and apply the knowledge of construction and pattern making to make changes and solve problems. The class will use a combination of lecture, demonstration and hands on experience to teach the skills necessary for pattern alteration to reach desired fit criteria. Prerequisites: FASH 124 and FASH 131.

**Credit Hours: 3**

**Associated Costs: \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_190](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_190))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82122 001 F2F	M-W----	11:00-12:50 PM	08/19/19-12/15/19	OCB 306	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						

## FASH 215 - Field Study: MAGIC Trade Show

Upon successful completion of this course, the student will be able to explain the importance of the MAGIC trade show in the fashion industry and explain the different segments of the show. Students should be able to identify different types of attendees and their objectives at the show as well as attend a minimum of two conference seminars and one fashion show. Prerequisite: FASH 121.

**Credit Hours: 1**

Associated Costs: \$550 to 600

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_215\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82304 001 F2F	----F--	10:00-11:00 AM	08/23/19-12/15/19	GEB 354	Rhodes J	Closed

## FASH 224 - History of Costume

Upon successful completion of this course, the student should be able to identify the political, economic, technological and sociological factors that have influenced Western costume worn by women, men and children from ancient Egyptian times to the present.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_224\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82124 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Benjamin B	Closed

## FASH 235 - Online Retailing

Students in this course will explore the history of online retailing and learn about the challenges retailers face when making decisions to move from conventional retail methods to e-retail. This course will introduce students to the techniques that are used to develop successful online stores. Students will develop a detailed store plan and create their own store using online e-commerce tools. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_235\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82305 376 HYB	--W----	06:00-08:50 PM	08/19/19-12/15/19	OCB 374	Reynolds J	Closed
	-----	-	08/19/19-12/15/19	Online		

*SB 155 Excel in CTE*

## FASH 242 - Product Knowledge for Merchandisers

Upon successful completion of this course, the student should be able to evaluate a wide range of textile and nontextile products, from diamonds to table top, on the basis of specialized product knowledge. In addition, the student should be able to research brands.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_242\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82129 001 F2F	-T-R--	09:00-10:20 AM	08/20/19-12/15/19	GEB 354	Demark M	Closed

*SB 155 Excel in CTE*

## FASH 270 - Apparel Product Development

Upon successful completion of this course, students should be able to develop original garment design ideas from initial concept through to production. This includes translating market trend research, creating inspiration and concept presentation boards and continuing the design process through fabric selection and developing original patterns for first samples using flat pattern drafting and draping techniques. Students will calculate costing for their garments and develop detailed specification packages. Prerequisite: FASH 123 and FASH 130 and FASH 131 and FASH 133.

Credit Hours: 3

Associated Costs: \$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_270\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82131 001 F2F	M-W----	09:00-10:50 AM	08/19/19-12/15/19	OCB 306	Rhodes J	Closed

SB 155 Excel in CTE

### FASH 277 - Fashion Seminar: Career Options

Upon successful completion of this course, the student should be able to define individual career goals after a thorough examination of five career areas within the fashion industry. In addition, the student should be able to explain strategies for success in the workplace.

Credit Hours: 2

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_277](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82134 001 F2F	-T-R---	12:00-12:50 PM	08/20/19-12/15/19	GEB 354	Demark M	Closed

### FASH 282 - Fashion Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual employment opportunity. This course offers work experience under instructional supervision and is designed to provide practical experience in the fashion industry. Successful completion of this course requires a minimum of 180 hours on-the-job training per semester. This is a repeatable course and may be taken more than once for credit.

Credit Hours: 1

Outline ([http://catalog.jccc.edu/coursedescriptions/fash/#FASH\\_282](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82138 500 INT	-----	-	08/19/19-12/15/19		Rhodes J	9 of 32

SB 155 Excel in CTE

### Fire Services Administration

#### FIRE 120 - Fire Academy

This course provides cognitive, psychomotor and affective instruction for those students seeking certification as a firefighter in the state of Kansas. The class covers hazardous materials (first responder; operations level), fire department communications, fire ground operations, rescue operations and prevention, preparedness and maintenance, and physical agility (CPAT). Upon successful completion of the cognitive examinations and all psychomotor skills evaluations, students will be allowed to sit for the Kansas Fire Fighter I and II state certification examinations, which are administered by the University of Kansas, Fire and Rescue Training Institute. Prerequisite: Selective application and department approval.

Credit Hours: 12

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_120](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81152 001 F2F	-TWR---	05:30-09:10 PM	08/20/19-12/12/19	🚒 OPF	Thomas N Foster M Crain B Wells B Heideman J	Closed
	-----S-	08:30-12:30 PM	08/24/19-12/14/19	🚒 OPF		

SB 155 Excel in CTE

#### FIRE 162 - Firefighting Tactics

Strategy and tactics are essential competencies required to mitigate fires. This course is designed to prepare a fire officer to be able to provide tactics at a structure fire, fully utilizing available resources in a safe and efficient manner. Prerequisite: FIRE 120.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_162](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_162))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81153 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Thomas N	Closed

SB 155 Excel in CTE

## FIRE 220 - Fire Management

This course will involve the student in learning proper methods of supervision and the duties of a fire department first line manager. It will encompass supervisory techniques as well as various management theories. This course will assist the student in the application of techniques and the practical use of management theories in the role as a fire service manager. Prerequisite: FIRE 120.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_220](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81154 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Thomas N	Closed

SB 155 Excel in CTE

## FIRE 222 - Fire Science Law

The law as it pertains to the fire service will be explained, along with tort law and business law. 3 hrs. lecture/wk. Prerequisite: FIRE 120.

Credit Hours: 3

Outline ([http://catalog.jccc.edu/coursedescriptions/fire/#FIRE\\_222](http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81155 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Thomas N	Closed

SB 155 Excel in CTE

## Foreign Language

### FL 120 - Elementary German I

This course presents the sounds, vocabulary and basic structural patterns of German, focusing on the development of listening comprehension, speaking, reading and writing skills. Cultural material will be integrated into the course.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_120](http://catalog.jccc.edu/coursedescriptions/fl/#FL_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81147 001 F2F	-T-R--	08:00-10:10 AM	08/20/19-12/15/19	GEB 281	Kelley T	Closed
81148 002 F2F	-T-R--	12:30-02:40 PM	08/20/19-12/15/19	CC 323	Kelley T	Closed

### FL 130 - Elementary Spanish I

In this basic course, students will study Spanish grammar, conversation, composition and the culture of Spanish-speaking countries.

Credit Hours: 5

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_130](http://catalog.jccc.edu/coursedescriptions/fl/#FL_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81187 001 F2F	MTWRF--	11:00-11:50 AM	08/19/19-12/15/19	CC 224	Wolff C	Closed

KBOR Seamless Transfer

81189 002 F2F	M-W-F--	08:00-09:25 AM	08/19/19-12/15/19	CC 224	Stephenson K	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81191 003 F2F	M-W-F--	09:30-10:55 AM	08/19/19-12/15/19	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
81192 004 F2F	M-W-F--	12:00-01:25 PM	08/19/19-12/15/19	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
81193 005 F2F	M-W----	01:30-03:40 PM	08/19/19-12/15/19	CC 224	Sommerville S	Closed
<i>KBOR Seamless Transfer</i>						
81228 006 F2F	M-W----	06:00-08:10 PM	08/19/19-12/15/19	CC 329	Sommerville A	Closed
<i>KBOR Seamless Transfer</i>						
81229 007 F2F	-T-R---	08:30-10:40 AM	08/20/19-12/15/19	CC 224	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
81230 008 F2F	-T-R---	12:00-02:10 PM	08/20/19-12/15/19	CC 224	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
81249 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Sommerville S	Closed
<i>KBOR Seamless Transfer</i>						
Note: This course is designed for students who have some knowledge of Spanish, but are not ready for Elementary Spanish II. It is ideal for independent learners who have excellent computer skills. This is NOT a self-paced course and students must be willing to meet online with the instructor on a weekly basis. You will need to contact the instructor within 10 days of enrolling. For more information, contact Samuel Sommerville at 913-469-8500, ext. 4586.						
81250 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Wolff C	Closed

*KBOR Seamless Transfer*

Note: This course is designed for students who have some knowledge of Spanish, but are not ready for Elementary Spanish II. It is ideal for independent learners who have excellent computer skills. This is NOT a self-paced course and students must be willing to meet online with the instructor on a weekly basis. You will need to contact the instructor within 10 days of enrolling. For more information, contact Tina Wolff at 913-469-8500, ext. 3513.

## FL 131 - Elementary Spanish II

This course will continue the presentation of the material introduced in Elementary Spanish I. Graded reading selections will be added as a basis for conversation and composition in discussion periods. Placement test recommended: can be taken at the Testing Center. Prerequisite: FL 130 with a grade of "C" or higher or two years of high-school Spanish or an appropriate score on the placement test.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_131](http://catalog.jccc.edu/coursedescriptions/fl/#FL_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81251 001 F2F	M-W-F--	08:30-09:55 AM	08/19/19-12/15/19	GEB 281	Hillen J	Closed
<i>KBOR Seamless Transfer</i>						
81253 002 F2F	M-W----	01:00-03:10 PM	08/19/19-12/15/19	GEB 281	Hillen J	Closed
<i>KBOR Seamless Transfer</i>						
81262 003 F2F	-T-R---	06:00-08:10 PM	08/20/19-12/15/19	CC 229	Sommerville A	Closed
<i>KBOR Seamless Transfer</i>						

## FL 135 - Basic Spanish for Hospitality Management

This course is designed to provide students with basic Spanish for a career in the hospitality industry. The course covers greetings, courtesy phrases and terminology related to hotels, kitchens and restaurants. Students will learn phrases to effectively interact with Spanish-speaking staff.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_135](http://catalog.jccc.edu/coursedescriptions/fl/#FL_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82454 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Cooper S	Closed

Note: For more information contact the instructor, Luz Alvarez at 913-469-8500, ext. 4354 or email [lalvarez@jccc.edu](mailto:lalvarez@jccc.edu).

## FL 140 - Elementary French I

Areas covered in this basic course include vocabulary building, grammar study, conversation and an introduction to French culture and civilization. The emphasis is on conversation. Placement test recommended: can be taken at the Testing Center.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_140](http://catalog.jccc.edu/coursedescriptions/fl/#FL_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81279 001 F2F	MTWR---	10:30-11:35 AM	08/19/19-12/15/19	GEB 281	Verzhbyska I	Closed

*KBOR Seamless Transfer*

81280 003 F2F	-T-R---	12:30-02:40 PM	08/20/19-12/15/19	LIB 311	Wolff C	Closed
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*KBOR Seamless Transfer*

## FL 141 - Elementary French II

This course continues the presentation of the material introduced in Elementary French I. Graded reading selections will be used as the basis for conversation. Prerequisite: FL 140 with a grade of "C" or higher or one year of high-school French or an appropriate score on the placement test.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_141](http://catalog.jccc.edu/coursedescriptions/fl/#FL_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82349 001 F2F	M-W-F--	12:00-01:25 PM	08/19/19-12/15/19	GEB 338	Verzhbyska I	Closed

*KBOR Seamless Transfer*

## FL 165 - Elementary Chinese I

This course will introduce students to the basic sounds, vocabulary, grammar and usage, characters and reading of the Chinese language. The emphasis will be on developing basic conversational skills. Students will develop an understanding and appreciation of Chinese culture.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_165](http://catalog.jccc.edu/coursedescriptions/fl/#FL_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81306 001 F2F	M-W-F--	12:00-01:25 PM	08/19/19-12/15/19	CC 323	Pan Y	Closed

## FL 170 - Elementary Japanese I

This course is an introduction to the sounds, vocabulary, grammar, usage and readings of the Japanese language. The emphasis will be on developing basic conversational skills. Cultural materials will be included.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_170](http://catalog.jccc.edu/coursedescriptions/fl/#FL_170))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81309 001 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	CC 323	Grass K	Closed

81319 003 F2F	-T-R---	06:00-08:10 PM	08/20/19-12/15/19	CC 323	James E	Closed
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## FL 171 - Elementary Japanese II

A continuation of Elementary Japanese I, this course will emphasize the sounds, vocabulary, grammar, usage and reading of the Japanese language. Focus is on developing more advanced conversational skills and cultural understanding. Prerequisite: FL 170 or one year of high-school Japanese.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_171](http://catalog.jccc.edu/coursedescriptions/fl/#FL_171))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81323 001 F2F	M-W----	06:00-08:10 PM	08/19/19-12/15/19	CC 323	James E	Closed

## FL 180 - Elementary American Sign Language I

This class will focus on the development of beginning American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. FL 180 and ASL 120 are the same course. Do not enroll in both.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_180](http://catalog.jccc.edu/coursedescriptions/fl/#FL_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82202 001 F2F	M-W-F--	10:00-11:50 AM	08/19/19-12/15/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
82203 002 F2F	M-W-F--	12:00-01:50 PM	08/19/19-12/15/19	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
82205 003 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	GEB 215	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
82212 004 F2F	-T-R---	11:00-01:50 PM	08/20/19-12/15/19	GEB 215	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
82214 005 F2F	-T-R---	01:00-03:50 PM	08/20/19-12/15/19	GEB 281	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						
82216 006 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	CC 314	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						

## FL 181 - Elementary American Sign Language II

This course will focus on continued development of elementary American Sign Language skills beyond those taught in Elementary ASL I. Students will work on developing communication competencies, concentrating on comprehension and production skills. Information about the linguistic and cultural features will be included in the context of language learning experiences. FL 181 and ASL 121 are the same course. Do not enroll in both. Prerequisite: FL 180 with a grade of "C" or higher or INTR 120 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_181](http://catalog.jccc.edu/coursedescriptions/fl/#FL_181))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82218 001 F2F	M-W-F--	01:00-02:50 PM	08/19/19-12/15/19	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
82220 002 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
82222 003 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	GEB 311	Luton D	Closed
<i>SB 155 Excel in CTE</i>						

## FL 182 - Intermediate Japanese I

This course continues the study of Japanese language and culture, emphasizing the sounds, vocabulary, grammar, usage and readings of the Japanese language. The course concentrates on developing further advanced conversational skills by increasing vocabulary and variety of sentence patterns. Cultural understanding will also be stressed. Prerequisite: FL 171 or two years of high-school Japanese.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_182](http://catalog.jccc.edu/coursedescriptions/fl/#FL_182))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81325 001 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	CC 323	Grass K	Closed

*General Education Designation*

## FL 220 - Intermediate German I

This class will emphasize vocabulary building and grammar review primarily through extensive reading of German texts. There will be additional practice in listening comprehension, speaking and writing. Placement test recommended; can be taken at the Testing Center. Prerequisite: FL 121 or two years of high-school German.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_220](http://catalog.jccc.edu/coursedescriptions/fl/#FL_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81333 001 F2F	-T-R---	12:00-01:15 PM	08/20/19-12/15/19	SCI 118	Magnuson K	Closed

*General Education Designation*

## FL 230 - Intermediate Spanish I

This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes composition and conversation. Placement test recommended; can be taken at the Testing Center. Prerequisite: FL 131 with a grade of "C" or higher or three years of high-school Spanish or an appropriate score on the placement test.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_230](http://catalog.jccc.edu/coursedescriptions/fl/#FL_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81337 001 F2F	M-W----	12:00-01:15 PM	08/19/19-12/15/19	CC 329	Alvarez L	Closed

*General Education Designation*

*KBOR Seamless Transfer*

81342 002 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 329	Schmidt I	Closed
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*KBOR Seamless Transfer*

*General Education Designation*

81344 003 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 216	Gonzalez E	Closed
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*KBOR Seamless Transfer*

*General Education Designation*

## FL 231 - Intermediate Spanish II

This course refines grammar, builds vocabulary, increases understanding of Hispanic culture, and provides practice designed to improve speaking fluency. It includes more advanced readings as a source for composition and conversation. Placement test recommended; can be taken at the Testing Center. Prerequisite: FL 230 with a grade of "C" or higher or four years of high-school Spanish or an appropriate score on the placement test.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_231](http://catalog.jccc.edu/coursedescriptions/fl/#FL_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81348 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 412	Gonzalez E	Closed

*General Education Designation*

81357 002 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 331	Gonzalez E	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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General Education Designation

## FL 240 - Intermediate French I

In this course, students begin a more in-depth study of French grammar and vocabulary as they improve their mastery of the four communicative skills (listening, speaking, reading and writing). Reading assignments (from literary, journalistic and Internet sources) will be more advanced and writing assignments will be more extensive at the Intermediate level. Placement test recommended; can be taken at the Testing Center. Prerequisite: FL 141 or two years of high-school French.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_240](http://catalog.jccc.edu/coursedescriptions/fl/#FL_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81359 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 216	Lowe-Howell J	Closed

General Education Designation

## FL 270 - Intermediate American Sign Language I

This course will focus on the development of intermediate American Sign Language communication skills. Emphasis will be on teaching in context comprehension skills and linguistic features of the language. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one. Prerequisite: ASL 121 or FL 181 or INTR 121.

**Credit Hours: 3**

**Associated Costs:** \$10 to 40

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_270](http://catalog.jccc.edu/coursedescriptions/fl/#FL_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82225 002 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	GEB 311	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
82960 003 F2F	M-W-F--	09:00-10:50 AM	08/19/19-12/15/19	GEB 215	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						

## FL 288 - Spanish for Heritage and Advanced Speakers of Spanish

This course is specifically offered to students who learned to speak Spanish at home, but who have had little or no formal Spanish grammar training. Students will develop their reading, speaking, listening and writing skills. Students will learn about the cultures of Spanish-speaking countries. The course would also be offered to students who have learned Spanish as a second language and read, speak, listen and write at an advanced level. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fl/#FL\\_288](http://catalog.jccc.edu/coursedescriptions/fl/#FL_288))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81360 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	OCB 142	Schmidt I	Closed

## Floriculture

### FLR 130 - Principles of Traditional Design

This course teaches the guidelines and basics of floral design. These principles are known as balance, composition, harmony, focal point, proportion, line, rhythm, texture, form, space, and color. The course will help the students develop an eye for color combinations, flow of lines, perspectives and the post-harvest care of floral materials. Recommendations are made that pertain to receiving, unpacking and processing the flowers. Methods of conditioning, hardening, and forcing flowers and use of preservatives are illustrated.

**Credit Hours: 3**

**Associated Costs:** \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_130](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81195 001 F2F	-T-----	09:00-10:50 AM	08/19/19-12/15/19	HSC 121	Ryan D	Closed
	---R---	09:00-11:50 AM	08/22/19-12/15/19	HSC 124		

SB 155 Excel in CTE

## FLR 150 - Contemporary Design Styles

This course will focus on contemporary, Asian, and current trends in floral design. The course will help students develop their skills in asymmetrical balance, negative space, focal point, dramatic lines. Also included is the history of oriental design, cutting edge design, twigs, branches, pods to be used for textures, bold color schemes, and further discussion of the "less is more" concept.

**Credit Hours: 3**

**Associated Costs: \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/flr/#FLR\\_150](http://catalog.jccc.edu/coursedescriptions/flr/#FLR_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81198 001 F2F	-T-----	12:00-01:50 PM	08/21/19-12/15/19	HSC 121	Goodwin N	Closed
	---R---	12:00-02:50 PM	08/22/19-12/15/19	HSC 124		

SB 155 Excel in CTE

## Film and Media Studies

### FMS 100 - Intro to Film

The holistic intent of this course is to introduce students to film as an art form that goes beyond entertainment. This is an introduction to film through analyzing and thinking critically about film as a visual art medium. Students will analyze a film's impact on society and the use of film as a medium of expression and will watch films in order to evaluate the strategies used by the filmmaker to create meaning for the viewer. Students will read and interpret basic signs, syntaxes and structures of cinematic language; locate film in historical, cultural, political and social contexts; and critique film using various methodologies. Students will also recognize and identify filmmaking as a business by defining stages of filmmaking, the various employed positions and the duties used in the making of a film. They also will evaluate the effect of the film industry on the society within which films are being made.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/fms/#FMS\\_100](http://catalog.jccc.edu/coursedescriptions/fms/#FMS_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80867 001 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	LIB 353B	Swanson C	Closed
						<i>Cultural Diversity Designation</i>
80868 002 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	OCB 142	Hughes T	Closed
						<i>Cultural Diversity Designation</i>
80869 003 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 229	Swanson C	Closed
						<i>Cultural Diversity Designation</i>

### FMS 200 - Intro to Filmmaking and Media Aesthetics

This is an introduction to filmmaking and media aesthetics through practical application of cinematic language and techniques, theories and methodologies. The holistic intent of this course is for students to learn basic filmmaking techniques while also developing an understanding of film as a visual art medium that goes beyond entertainment. Students will be introduced to the concepts of time, space, composition, movement, editing, light, color and sound. This course is a practical emphasis on learning how to creatively apply elements of design, camera lens and sound recording principles to create films. Examples of these aspects of film and associated media will be examined and discussed in depth.

**Credit Hours: 3**

**Associated Costs: \$50 to \$150**

Outline ([http://catalog.jccc.edu/coursedescriptions/fms/#FMS\\_200](http://catalog.jccc.edu/coursedescriptions/fms/#FMS_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80870 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 207	Smith A	Closed
<i>Cultural Diversity Designation</i>						
80871 002 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	FADS 203	Hughes T	Closed
<i>Cultural Diversity Designation</i>						

## Game Development

### GAME 102 - The Business of Games

In this course, students are introduced to the business and process of game development, from the concept document to publishing. Students will learn the stages of game development within the context of the often complex relationship between developer, publisher and retailer. The course uses a participatory format emphasizing analytical thinking and problem solving, both key skills for persons seeking a career in the game development industry.

**Credit Hours:** 3

**Associated Costs:** \$20 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_102](http://catalog.jccc.edu/coursedescriptions/game/#GAME_102))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80233 001 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	RC 378	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						
80234 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						

### GAME 104 - Introduction to Game Development

This course covers the basics of game design and production. Topics include the fundamentals of managing game development, development of a plan for a game, the game production process, the history and business of games, and the various job roles in the industry.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_104](http://catalog.jccc.edu/coursedescriptions/game/#GAME_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80235 001 F2F	M-----	01:00-01:50 PM	08/19/19-12/15/19	RC 378	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
80236 002 F2F	-T-----	11:30-12:20 PM	08/20/19-12/15/19	RC 378	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
80237 003 F2F	---R---	11:30-12:20 PM	08/22/19-12/15/19	RC 378	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						

### GAME 105 - Beginning Game Creation

This course is designed to present the skills and to provide the hands-on experience required to create computer games utilizing game development tools that require no programming. Topics will include learning how to build games with a game development environment, the basic ideas of game design and an introduction to building 3D levels. Students should learn how to build a variety of games, include sound effects and simple animation effects in games, use simple analysis tools to evaluate games, build a 3D level, and create an original game as a term project.

**Credit Hours:** 3

**Associated Costs:** \$50

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_105](http://catalog.jccc.edu/coursedescriptions/game/#GAME_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80238 001 F2F	M-W----	10:00-11:15 AM	08/19/19-12/15/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						



CRN	Days	Time	Date	Location	Instructor	Seats Open
80239 002 F2F	M-W----	02:00-03:15 PM	08/19/19-12/15/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
80240 003 F2F	-T-R---	10:00-11:15 AM	08/20/19-12/15/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
80241 004 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
80242 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Patterson J	Closed
<i>SB 155 Excel in CTE</i>						

## GAME 134 - Game World Creation

In this course students will study what exactly world, region, and level means to different games. Students will also create a game world, region and level during the semester using current industry tools. Prerequisite: GAME 105.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_134](http://catalog.jccc.edu/coursedescriptions/game/#GAME_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80243 001 F2F	M-W----	02:00-03:50 PM	08/19/19-12/15/19	OCB 106	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at <a href="mailto:rhanna@jccc.edu">rhanna@jccc.edu</a> , Veterans Office at <a href="mailto:Veteranservices@jccc.edu">Veteranservices@jccc.edu</a> , or Financial Aid at <a href="mailto:finaid@jccc.edu">finaid@jccc.edu</a> .						

## GAME 220 - Game Design II

In this course students will learn how to use mechanics to create and control feedback systems, emergent gameplay, and establish game balance. This course will also cover how to handle rewards and punishment, how interface design can make or break a game, and how games can be created as sports. Prerequisite: GAME 120.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_220](http://catalog.jccc.edu/coursedescriptions/game/#GAME_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80244 001 F2F	M-W----	10:00-11:45 AM	08/19/19-12/15/19	OCB 106	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at <a href="mailto:rhanna@jccc.edu">rhanna@jccc.edu</a> , Veterans Office at <a href="mailto:Veteranservices@jccc.edu">Veteranservices@jccc.edu</a> , or Financial Aid at <a href="mailto:finaid@jccc.edu">finaid@jccc.edu</a> .						

## GAME 221 - Game Programming II

This course is designed to give students a deeper understanding of 3D game programming techniques. Students will study multi-threading, networking, use of analytic software, shader basics and user-generated content systems. Students will create a 3D game using all of these techniques. Prerequisite: GAME 121. Corequisite: CS 236.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_221](http://catalog.jccc.edu/coursedescriptions/game/#GAME_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83119 004 F2F	--W-F--	05:00-07:15 PM	08/21/19-12/15/19	OCB 106	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at <a href="mailto:rhanna@jccc.edu">rhanna@jccc.edu</a> , Veterans Office at <a href="mailto:Veteranservices@jccc.edu">Veteranservices@jccc.edu</a> , or Financial Aid at <a href="mailto:finaid@jccc.edu">finaid@jccc.edu</a> .						

## GAME 235 - Game Quality Assurance

In this course, students are introduced to the concepts and skills involved in testing video games. The course emphasizes the importance of testing and various methods and approaches used in game testing. This course will also cover how to correctly write up and report errors found in games. Prerequisite: GAME 105.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_235](http://catalog.jccc.edu/coursedescriptions/game/#GAME_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80246 001 F2F	M-W----	04:00-04:50 PM	08/19/19-12/15/19	OCB 106	Fleming R	Closed

*SB 155 Excel in CTE*

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at [rhanna@jccc.edu](mailto:rhanna@jccc.edu), Veterans Office at [Veteranservices@jccc.edu](mailto:Veteranservices@jccc.edu), or Financial Aid at [finaid@jccc.edu](mailto:finaid@jccc.edu).

## GAME 242 - Agile Game Development

This course will cover the Agile software development methodology using Scrum. It will also cover how Scrum can be applied specifically to the processes used in game development. Prerequisite: GAME 105 and department approval.

**Credit Hours: 3**

**Associated Costs:** \$20-\$50

Outline ([http://catalog.jccc.edu/coursedescriptions/game/#GAME\\_242](http://catalog.jccc.edu/coursedescriptions/game/#GAME_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80249 377 HYB	--W----	12:00-01:50 PM	08/21/19-12/15/19	OCB 106	Hanna R	Closed
	-----	-	08/21/19-12/15/19	Online		

*SB 155 Excel in CTE*

*Mandatory Classroom Meetings*

## Graphic Design

### GDES 120 - Introduction to Graphic Design

This course is designed to acquaint the student with the various aspects of the graphic design field. Topics include the ways in which visual messages are used in society, the skills needed by a graphic designer and the potential areas of specialization and employment. This class will have guest speakers from the field of graphic design. Emphasis will be on assisting the student to make an informed decision about graphic design as a career.

**Credit Hours: 3**

**Associated Costs:** \$40 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_120](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82382 001 F2F	-T-----	06:00-08:50 PM	08/20/19-08/20/19	FADS 216	Hawkins P	Closed
	---R---	06:00-08:50 PM	08/22/19-08/22/19	GEB 233		
	-T-----	06:00-08:50 PM	09/03/19-09/03/19	FADS 216		
	---R---	06:00-08:50 PM	09/05/19-09/05/19	GEB 233		
	-T-----	06:00-08:50 PM	09/17/19-09/17/19	FADS 216		
	---R---	06:00-08:50 PM	09/19/19-09/19/19	GEB 233		
	-T-----	06:00-08:50 PM	10/01/19-10/01/19	FADS 216		
	---R---	06:00-08:50 PM	10/03/19-10/03/19	GEB 233		
	-T-----	06:00-08:50 PM	10/15/19-10/15/19	FADS 216		
	---R---	06:00-08:50 PM	10/17/19-10/17/19	GEB 233		
	-T-----	06:00-08:50 PM	10/29/19-10/29/19	FADS 216		
	---R---	06:00-08:50 PM	10/31/19-10/31/19	GEB 233		
	-T-----	06:00-08:50 PM	11/12/19-11/12/19	FADS 216		
	---R---	06:00-08:50 PM	11/14/19-11/14/19	GEB 233		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-08:50 PM	12/03/19-12/03/19	FADS 216		
	---R---	06:00-08:50 PM	12/05/19-12/05/19	GEB 233		
	-T-----	06:00-08:50 PM	12/10/19-12/10/19	FADS 216		
<b>82383 002 F2F</b>	---R---	02:30-05:20 PM	08/22/19-08/22/19	FADS 213	Hawkins P	<b>Closed</b>
	---R---	06:00-08:50 PM	08/22/19-08/22/19	GEB 233		
	---R---	02:30-05:20 PM	09/05/19-09/05/19	FADS 213		
	---R---	06:00-08:50 PM	09/05/19-09/05/19	GEB 233		
	---R---	02:30-05:20 PM	09/19/19-09/19/19	FADS 213		
	---R---	06:00-08:50 PM	09/19/19-09/19/19	GEB 233		
	---R---	02:30-05:20 PM	10/03/19-10/03/19	FADS 213		
	---R---	06:00-08:50 PM	10/03/19-10/03/19	GEB 233		
	---R---	02:30-05:20 PM	10/17/19-10/17/19	FADS 213		
	---R---	06:00-08:50 PM	10/17/19-10/17/19	GEB 213		
	---R---	02:30-05:20 PM	10/31/19-10/31/19	FADS 213		
	---R---	06:00-08:50 PM	10/31/19-10/31/19	GEB 233		
	---R---	02:30-05:20 PM	11/14/19-11/14/19	FADS 213		
	---R---	06:00-08:50 PM	11/14/19-11/14/19	GEB 233		
	---R---	02:30-05:20 PM	12/05/19-12/05/19	FADS 213		
	---R---	06:00-08:50 PM	12/05/19-12/05/19	GEB 233		
	---R---	02:30-05:20 PM	12/12/19-12/12/19	FADS 213		

### GDES 130 - Drawing and Media Methods I

This course will provide instruction in perceptual methods, perspective theory and drawing techniques as they apply to visual analysis and visual problem-solving in graphic design. Prerequisite: GDES 120 and ART 124 and CDTP 135 and CDTP 140 and CDTP 145.

**Credit Hours: 3**

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_130](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82384 001 F2F</b>	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 220	Kelly R	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
<b>82385 002 F2F</b>	-T-----	12:00-05:15 PM	08/20/19-12/15/19	FADS 220	Erickson-Harper T	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
<b>82386 003 F2F</b>	-----S-	08:00-01:15 PM	08/24/19-12/15/19	FADS 220	Toller T	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

### GDES 131 - Drawing and Media Methods II

This course is a continuation of Drawing and Media Methods I, with emphasis on the creative application of perspective theory, perceptual skill and drawing methods. Drawing methods and rendering techniques will be applied to visual problem-solving processes and the communication of design concepts. Prerequisite: GDES 130.

**Credit Hours: 3**

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_131](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82387 001 F2F</b>	---R---	12:00-05:15 PM	08/22/19-12/15/19	FADS 220	Erickson-Harper T	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

## GDES 132 - Typography

This course will provide instruction in the basic principles of contemporary typographic design. Information concerning typography, from traditional letterpress through digital type design and typesetting, will be included. The course content will emphasize effective methods of communicating to a mass audience through the printed letter, word, line and page. Working knowledge of QuarkXpress and Adobe InDesign required. Prerequisite: ART 124 and GDES 120 and CDTP 135 and CDTP 140 and CDTP 145.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_132](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82388 001 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	FADS 219	Rice E	Closed
<i>SB 155 Excel in CTE</i>						
82389 002 F2F	----F--	01:30-06:45 PM	08/23/19-12/15/19	FADS 219	Kidwell M	Closed
<i>SB 155 Excel in CTE</i>						
82390 003 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 219	Nemer T	Closed
<i>SB 155 Excel in CTE</i>						

## GDES 140 - Technical Processes

This course covers digital prepress applications, scanning, image manipulation and color output devices. The transition from conventional to digital production will be covered. Analysis of output and file management and the understanding of proofing systems will be covered. Proper usage of peripheral equipment will be emphasized. Prerequisite: PHOT 121 and CDTP 135 and CDTP 140 and CDTP 145.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_140](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82391 001 F2F	----F--	08:00-01:15 PM	08/23/19-12/15/19	FADS 216	Neuman C	Closed
<i>SB 155 Excel in CTE</i>						
82392 002 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 220	Kidwell M	Closed
<i>SB 155 Excel in CTE</i>						

## GDES 230 - Drawing and Media Methods 3

This course will provide an understanding of the application of illustration to graphic design. Visual problem-solving processes acquired in Drawing and Media Methods 2 will be further developed through problems in image composition emphasizing expressive communication. Techniques in traditional and digital media are explored. Prerequisite: GDES 131 and GDES 132 and GDES 134.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_230](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82393 001 F2F	--W----	12:00-05:15 PM	08/21/19-12/15/19	FADS 216	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
82394 002 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 219	Hetler C Rice E	Closed
<i>SB 155 Excel in CTE</i>						
82395 003 F2F	M-----	12:00-05:15 PM	08/19/19-12/15/19	FADS 219	Neuman C Hetler C	Closed
<i>SB 155 Excel in CTE</i>						

## GDES 231 - Advanced Typography

This course is a continuation of Layout Design. Emphasis will be on typographic solutions that explore verbal/visual messages. Projects include designs for publication, such as posters, brochures, packaging and graphic campaigns. Typography as a functional and experimental medium will be stressed. Design problem-solving for a diverse range of specifications, including audience, client needs and budget constraints, are included. Traditional and digital tools will be incorporated to produce comprehensives. This course is typically offered in the fall semester only. Working knowledge of Macromedia Dreamweaver is required. Prerequisite: GDES 134.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_231](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82396 001 F2F	--W----	12:00-05:15 PM	08/21/19-12/15/19	FADS 219	Wilson N	Closed
<i>SB 155 Excel in CTE</i>						
82397 002 F2F	---R---	12:00-05:15 PM	08/22/19-12/15/19	FADS 219	Wilson N	Closed
<i>SB 155 Excel in CTE</i>						
82398 003 F2F	-T-R---	06:00-08:50 PM	08/20/19-12/15/19	FADS 219	Jones R	Closed
<i>SB 155 Excel in CTE</i>						

## GDES 235 - Production Methods

This course will provide the fundamentals of preparing art for reproduction. Traditional camera-ready art techniques and digital prepress production methods will be emphasized. Prerequisite: GDES 134 and GDES 140.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_235](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82399 001 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 216	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
82400 002 F2F	---R---	12:00-05:15 PM	08/22/19-12/15/19	FADS 216	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
82401 003 F2F	M-W----	06:00-08:50 PM	08/19/19-12/15/19	FADS 216	Stadler L	Closed
<i>SB 155 Excel in CTE</i>						

## GDES 272 - Professional Preparation

This course will provide graphic design majors instruction in the organization and presentation of his or her work in a portfolio format of professional quality. A portfolio, digital portfolio archive, self promo, resume and business ensemble will be produced. Instruction in interviewing techniques and employment searches will also be provided. Prerequisite: GDES 230 and GDES 231 and GDES 235.

**Credit Hours:** 3

**Associated Costs:** \$200 to 400

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_272](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82402 001 F2F	-T-----	12:00-05:15 PM	08/20/19-12/15/19	FADS 219	Wilson N	Closed

## GDES 275 - Graphic Design Internship

Students will work in an approved training situation under instructional supervision. The internship is designed to give the student the opportunity to use the skills learned in the graphic design program. Student interns will complete a minimum of 180 hours on the job and will be compensated with at least the minimum hourly wage. Prerequisite: Department approval.

**Credit Hours:** 1

**Associated Costs:** \$50 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/gdes/#GDES\\_275](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82403 501 INT	-----	-	08/19/19-12/15/19		Wilson N	4 of 11

*SB 155 Excel in CTE*  
Requirement: Department approval

## Geoscience

### GEOS 130 - General Geology

In this introductory course the students will survey the geologic processes that form and shape the earth over geologic time using the models of the rock cycle, the hydrologic cycle and the tectonic cycle. In the laboratory they will conduct hands-on activities designed to enhance and reinforce the geologic concepts they have studied.

**Credit Hours:** 5

Outline ([http://catalog.jccc.edu/coursedescriptions/geos/#GEOS\\_130](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81365 001 F2F	M-W----	09:00-10:50 AM	08/19/19-12/15/19	CLB 405	Beatty L	Closed
	<b>Lab</b> M-W----	11:00-12:20 PM	08/19/19-12/15/19	CLB 411		

*General Education Designation*  
*KBOR Seamless Transfer*

81366 002 F2F	-T-R---	10:00-11:50 AM	08/20/19-12/15/19	CLB 405	Beatty L	Closed
	<b>Lab</b> -T-R---	12:00-01:20 PM	08/20/19-12/15/19	CLB 411		

*KBOR Seamless Transfer*  
*General Education Designation*

81368 380 HYB	-----	-	08/19/19-12/15/19	Online	Frederick B	Closed
	<b>Lab</b> ---R---	06:00-08:40 PM	08/22/19-12/15/19	CLB 411		

*KBOR Seamless Transfer*

*General Education Designation*

*Mandatory Classroom Meetings*

NOTE: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site ----- COURSE DESCRIPTION: In this introductory course the students will survey the geologic processes that form and shape the earth over geologic time using the models of the rock cycle, the hydrologic cycle and the tectonic cycle. In the laboratory they will conduct hands-on activities designed to enhance and reinforce the geologic concepts they have studied.

### GEOS 140 - Physical Geography

This course is a survey of the physical and environmental topics of geography, including the methods used to study them. The Earth as a system and the subsystems of the atmosphere, hydrosphere, lithosphere and biosphere constitute the major units of study. Students will acquire basic terminology that they will use to explain the earth, the atmosphere, the landscape, and the processes that occur on earth to change the landscape. Topics may include mapping with topographic maps and remote sensing; development and structure of the atmosphere; weather; water resources; climate; rock formation; mountain building; chemical and physical weathering; mass movement; soil formation; erosion, transportation and deposition by running water, wind, ice, currents, waves and tides; and the foundation that these processes build for the biosphere on earth.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/geos/#GEOS\\_140](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81371 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 412	Harty J	Closed

*General Education Designation*

81373 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 412	Maher J	Closed
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*General Education Designation*

81376 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Beatty L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
81380 351 ONLNE	-----	-	09/03/19-12/15/19	Online	Maher J	Closed
<i>General Education Designation</i>						

## GEOS 141 - Physical Geography Lab

Students in this course will practice their knowledge of physical geography through the collection and analysis of atmospheric data and the identification and interpretation of landforms and biological patterns as depicted on topographic maps and remotely sensed imagery. Prerequisite or Corequisite: GEOS 140.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/geos/#GEOS\\_141](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81383 001 F2F	Lab M-W----	01:00-02:50 PM	08/19/19-12/15/19	CLB 411	Maher J	Closed
<i>General Education Designation</i>						

## GEOS 145 - World Regional Geography ▶

In this introductory course, the student will first review the basic theories of the discipline of geography, the relationship of world population and resources and the factors affecting development. Next, the student will survey the major regions of the world to identify each region's distinguishing geographic characteristics, summarize its past development and explain the key issues affecting the region's future development.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/geos/#GEOS\\_145](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81385 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 412	Harty J	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
81386 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 412	Harty J	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
81387 003 F2F	-T-R--	09:30-10:45 AM	08/20/19-12/15/19	CLB 412	Harty J	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81389 004 F2F	-T-R--	11:00-12:15 PM	08/20/19-12/15/19	CLB 412	Harty J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
81390 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Anderson C	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
81392 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Meledge-Ade V	Closed
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
81394 352 ONLNE	-----	-	09/03/19-12/15/19	Online	Roberts C	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
83238 365 ONLNE	-----	-	12/11/19-01/08/20	Online	Anderson C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						

## Health Care

### HC 101 - Introduction to Health Care Delivery

This course is an introduction to the health care delivery system with an overview of health careers and the roles and responsibilities of members of the health care team. Emphasis will be on how to work within a health care team, effective communication skills, professional safety and workplace skills, and legal and ethical rights and responsibilities of patients and health care workers.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hc/#HC\\_101](http://catalog.jccc.edu/coursedescriptions/hc/#HC_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82244</b> 350 ONLNE	-----	-	08/19/19-12/15/19		Summers S	<b>Closed</b>
<b>82245</b> 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Summers S	<b>Closed</b>
<b>82246</b> 376 HYB	-T----	09:00-10:45 AM	08/20/19-12/10/19	SCI 122	Summers S	<b>Closed</b>

### HC 130 - Medical Terminology for Healthcare Professions

This course will introduce the student to a systematic method for learning, understanding and applying medical terminology. The course will provide an overview regarding the development of medical terms and will outline medical terminology pertaining to each of the body systems, selected illnesses, diagnostic procedures and pharmacology. This course is designed for the student who is interested in any facet of the healthcare industry and is a required course for several certificate programs. Some portions of this course will require computer utilization and independent online work. There will be two to three mandatory meet times per week.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hc/#HC\\_130](http://catalog.jccc.edu/coursedescriptions/hc/#HC_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81527</b> 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Olsen R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<b>81530</b> 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Olsen R	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<b>81534</b> 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Olsen R	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>81592</b> 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Talbert K	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<b>83112</b> 357 ONLNE	-----	-	08/19/19-12/15/19	Online	Kobularcik L	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<b>83255</b> 360 ONLNE	-----	-	12/11/19-01/08/20	Online	Clark M	<b>Closed</b>



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
This course will introduce the student to a systematic method for learning, understanding and applying medical terminology. The course will provide an overview regarding the development of medical terms and will outline medical terminology pertaining to each of the body systems, selected illnesses, diagnostic procedures and pharmacology. This course is designed for the student who is interested in any facet of the healthcare industry and is a required course for several certificate programs. Some portions of this course will require computer utilization and independent online work. This class is entirely online.						
81548	380 HYB	M-----	06:00-07:30 PM	08/19/19-12/15/19	CC 352	Kono S
		-----	-	08/19/19-12/15/19	Online	
<i>Mandatory Classroom Meetings</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
81560	381 HYB	-----	-	08/19/19-12/15/19	Online	Kono S
		---R---	06:00-07:30 PM	08/22/19-12/15/19	CC 352	
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
81572	382 HYB	-----	-	08/19/19-12/15/19	Online	Kono S
		-T-----	06:00-07:30 PM	08/20/19-12/15/19	CC 352	
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
81602	383 HYB	-----	-	08/19/19-12/15/19	Online	Wilson D
		--W----	10:30-12:00 PM	08/21/19-12/15/19	OHEC 217	
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						

## Health Care Interpreting

### HCI 110 - Introduction to Interpreting

This course provides a practical and theoretical introduction to the field of bilingual interpreting. Students will study interpreter roles and skills, modes of interpreting and translating, ethical issues, professional standards of practices, cultural competence and applied linguistics. Upon completion, students should have a strong foundation of knowledge regarding the profession of interpreting and should be ready for specific skills training. This course is taught in English. Prerequisite: Selective admissions approval. Corequisite: HCI 120.

**Credit Hours: 3**

**Associated Costs: \$20**

Outline ([http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_110](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_110))


CRN	Days	Time	Date	Location	Instructor	Seats Open
81370	001 F2F	-T-R---	05:30-06:55 PM	08/20/19-12/15/19	KUCRC	Groneman B
<i>SB 155 Excel in CTE</i>						

### HCI 120 - Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques also are emphasized. Upon completion, students should be able to sight translate short written texts and consecutively interpret non-technical, interactive messages between Spanish and English. This course is taught in English with some Spanish terminology and practice. Prerequisite: Selective admissions approval. Corequisite: HCI 110.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_120\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81375 001 F2F	-T-R---	07:00-08:25 PM	08/20/19-12/15/19	 KUCRC	Groneman B	Closed

*SB 155 Excel in CTE*


## HCI 180 - Medical Interpreting Practicum

Students will observe and interpret at assigned medical facilities, participate in organized class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and fieldwork are required for this class. Prerequisite: Selective admissions approval and HC 130 with a grade of "C" or higher and HCI 130 with a grade of "C" or higher and HCI 140 with a grade of "C" or higher. Prerequisite or Corequisite: HC 101 with a "C" or higher.

**Credit Hours: 2**

**Associated Costs: \$20**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI\\_180\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81379 500 INT	-T-----	04:30-05:25 PM	08/20/19-12/15/19	 KUCRC	Groneman B	Closed

*SB 155 Excel in CTE*

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at [bgronema@jccc.edu](mailto:bgronema@jccc.edu).

## Health Care Info Systems

### HCIS 230 - Introduction to Health Information Systems

This course provides an overview of the major concepts of health information systems for individuals with backgrounds in information technology (IT) or healthcare who are considering a transition into health information systems. 2 hrs. lecture/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_230\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80024 350 ONLNE	-----	-	08/19/19-09/22/19	Online	Cipolla C	Closed

*SB 155 Excel in CTE*

83091 351 ONLNE	-----	-	09/23/19-10/27/19	Online	Cipolla C	Closed
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*SB 155 Excel in CTE*

### HCIS 255 - Technology Concepts in Healthcare

This course provides a basic overview of computing concepts related to the healthcare sector. Topics include computing terminology, computer architecture, and networking and data communication. The design and development of a large healthcare computing system is discussed, including the electronic health record. 2 hrs. lecture/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_255\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80025 350 ONLNE	-----	-	08/19/19-09/22/19	Online	Fuller M	Closed

*SB 155 Excel in CTE*

80026 351 ONLNE	-----	-	10/28/19-12/01/19	Online	Fuller M	Closed
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*SB 155 Excel in CTE*

83092 352 ONLNE	-----	-	09/23/19-10/27/19	Online	Fuller M	Closed
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*SB 155 Excel in CTE*

## HCIS 261 - Networking and Health Information Exchange

This course provides an in-depth analysis of data mobility. The hardware infrastructure (wired, wireless and devices supporting them), the International Organization for Standards (ISO) stack, standards, Internet protocols, federations and grids, the Nationwide Health Information Network (NHIN) and other nationwide approaches are discussed. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_261](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_261))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80027 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Abbot N	Closed

*SB 155 Excel in CTE*

## HCIS 262 - Customer Service in the Health Environment

This course introduces the skills necessary to communicate effectively across the full range of roles that will be encountered in healthcare and public health settings. Appropriate customer service skills, effective written and oral communication, and ethical and cultural awareness are emphasized. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_262](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_262))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80028 350 ONLNE	-----	-	08/19/19-09/22/19	Online	Burge J	Closed
80029 351 ONLNE	-----	-	10/28/19-12/01/19	Online	Burge J	Closed

## HCIS 263 - Working with Health Information Technology (HIT) Systems

This course is powered by Cerner architecture to give students an opportunity to work with real technology used in the healthcare environment. This course focuses on the end user experience with emphasis also placed on standards, system usability, security and integration. 2 hrs. integrated lecture/lab/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_263](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80030 350 ONLNE	-----	-	08/19/19-09/22/19	Online	Lingerfelt C	Closed

*SB 155 Excel in CTE*

## HCIS 264 - Configuration and Implementation of Electronic Health Records

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks in the role of a configuration/implementation analyst in the health information technology (HIT) workplace. This course focuses on designing and building a system with emphasis placed on implementation and configuration. 2 hrs. integrated lecture/lab/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_264](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_264))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80035 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Lingerfelt C	Closed

*SB 155 Excel in CTE*

## HCIS 265 - Installation and Maintenance of Health IT Systems

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks typically performed by an electronic health record (EHR) system administrator or support technician. Topics include testing prior to implementation, system configuration and system support. 2 hrs. integrated lecture/lab/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_265\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80036 350 ONLNE	-----	-	10/28/19-12/01/19	Online	Lingerfelt C	Closed

*SB 155 Excel in CTE*

### HCIS 267 - EHR Design, Functionality and Usability

This course discusses human factors associated with designing and implementing health information systems (HIS). Concepts of usability and the effects of new technology and workflow redesign on downstream processes, such as clinical decision support, will be covered. This course provides an overview of the most utilized electronic health systems. System features are evaluated and compared as they would relate to practical deployments. Key factors such as cost, licensing and staffing are also discussed.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_267\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80042 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Waldschmidt H	Closed

*SB 155 Excel in CTE*

### HCIS 271 - The Culture of Healthcare

This course introduces students to job expectations in healthcare settings. Topics also include the organization of care inside a practice setting, privacy laws, the changing environment of healthcare delivery, and professional and ethical issues. 2 hrs. lecture/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_271\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80038 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Lingerfelt C	Closed
80039 351 ONLNE	-----	-	10/28/19-12/01/19	Online	Lingerfelt C	Closed

### HCIS 272 - Terminology in Health Care Settings

This course introduces students to terminology and clinical procedures associated with body systems. It also covers terminology related to health information management (HIM), health information technology (HIT), and public health. 2 hrs. lecture/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_272\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80040 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Foley S	Closed

*SB 155 Excel in CTE*

80041 351 ONLNE	-----	-	10/28/19-12/01/19	Online	Foley S	Closed
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*SB 155 Excel in CTE*

### HCIS 273 - Quality Improvement in Healthcare

This course introduces the concepts of health information technology (HIT) and practice workflow redesign as instruments of quality improvement (QI). Students will learn methods to establish a culture that supports increased quality and safety in healthcare. Approaches to assessing patient safety issues and implementing quality management and reporting through electronic systems will be discussed. 2 hrs. lecture/wk.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_273\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80047 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Lingerfelt C	Closed

*SB 155 Excel in CTE*

## HCIS 274 - Healthcare Workflow Analysis and Redesign

This course introduces healthcare workflow analysis and redesign as a necessary component of complete practice automation. The topics of process validation and change management are also covered. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_274](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_274))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80048 350 ONLNE	-----	-	08/19/19-09/22/19	Online	Fuller K	Closed

*SB 155 Excel in CTE*

## HCIS 275 - Health Information Systems

This course addresses concepts of information systems specific to healthcare and public health applications. Students will be introduced to health information technology (HIT) standards, health-related data structures, software applications and enterprise information architecture in healthcare and public health organizations. 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_275](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80049 350 ONLNE	-----	-	09/23/19-10/27/19	Online	Burge J	Closed

*SB 155 Excel in CTE*

## HCIS 277 - Training and Instructional Design

This course provides participants with essential knowledge and skills to deliver training to adult learners implementing electronic health records (EHRs) in a variety of healthcare settings. The Instructional Systems Design (ISD) model, which includes analysis of the learner and learning environment, design and development of customized education, implementation of the training plan and evaluation of the training program's effectiveness, will be used. 2 hrs lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS\\_277](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80050 350 ONLNE	-----	-	10/28/19-12/01/19	Online	Behravesh B	Closed

*SB 155 Excel in CTE*

## History

### HIST 120 - Local and Kansas History

This course introduces students to the history of Kansas from the beginning of the Late Ceramic Period (1500) to the present. Emphasis will be on the examination of the living patterns of the various peoples who have inhabited the region during this time. This course will also analyze the social and economic factors and political objectives that transformed the central plains from the domain of the bison-hunting Plains Indian to a society based in a market-agricultural economy.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_120](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80466 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Leiker J	Closed

## HIST 125 - Western Civilization: Ancient World to the Renaissance

The course explores the major developments, ideas and personalities that have shaped Western civilization. Organized around a readings and discussion format, students engage some of the world's most provocative and influential literature. Western Civilization: Ancient World to the Renaissance begins with the ancient cultures of the Middle East, Greece and Rome and follows the development of Western thought from the medieval period to the Renaissance and Reformation. It is not necessary to take HIST 125 before HIST 126.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_125](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80467 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 279	Olivares I	Closed
<i>General Education Designation</i>						
80470 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 279	Olivares I	Closed
<i>General Education Designation</i>						
80471 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 126B	Olivares I	Closed
<i>General Education Designation</i>						
80473 004 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 279	Stockton W	Closed
<i>General Education Designation</i>						
80474 201 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	GEB 279	Roberts M	Closed
<i>General Education Designation</i>						

## HIST 126 - Western Civilization: Scientific Revolution to the Modern Age

The course explores the major developments, ideas and personalities that, for the past 500 years, have shaped Western civilization. Organized around a readings and discussion format, the course allows students to engage some of the world's most provocative and influential literature. Western Civilization: Scientific Revolution to the Modern Age begins with the three revolutions that define modernity the Scientific, French, and Industrial. The course also highlights the new ideologies of the 19th century and more recent themes of modernization and the cultural crisis of the 20th century. It is not necessary to take HIST 125 before HIST 126.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_126](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80475 001 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	GEB 279	Stockton W	Closed
80477 201 F2F	--W----	06:00-09:00 PM	09/04/19-12/15/19	GEB 279	Roberts M	Closed

## HIST 135 - Eastern Civilization

This course is an introduction to the societies and cultures of Asia. Through lectures, readings and discussions, the course will focus on aspects of the history, politics, art, literature and economics of China, Japan and India. The major traditional themes and concepts of these civilizations will be stressed.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_135](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80478 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 279	Stockton W	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						
80479 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Boucher D	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i>						

## HIST 137 - African American Studies

This course surveys the major themes and developments in African-American culture and history from the colonial period to the present. The course is divided into three five-week segments. Each segment relates to a historical period: slave, post-emancipation and contemporary. Each segment also permits a flexible, interdisciplinary approach that will include literature, fine arts and the social sciences.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_137](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_137))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80480 201 F2F	M-----	06:00-09:00 PM	09/09/19-12/15/19	CC 126A	Leiker J	Closed

*Cultural Diversity Designation*  
*General Education Designation*

## HIST 140 - U.S. History to 1877 ▶

This survey course in U.S. history will emphasize developments and trends in American society from the early period of discovery and settlement through Reconstruction. Topics will include the Colonial era, the Revolutionary period, the Federalist era, the expansion of the Republic during the mid-19th century, and the Civil War and Reconstruction. The emphasis will be on analysis and interpretation of these developments.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_140](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80481 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 126A	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
80482 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 126A	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
80483 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 126A	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
80484 004 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 126A	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
80487 006 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
80488 007 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GP 101	Antle J	Closed
<i>KBOR Seamless Transfer</i>						
80490 009 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 126A	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
80494 202 F2F	--W----	06:00-09:00 PM	09/04/19-12/15/19	CC 126A	Arndt Helgesen V	Closed
<i>KBOR Seamless Transfer</i>						
80495 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
80496 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Thompson M	Closed
<i>KBOR Seamless Transfer</i>						
80499 354 ONLNE	-----	-	08/19/19-12/15/19	Online	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						
80500 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
80501 356 ONLNE	-----	-	10/14/19-12/08/19	Online	Mischka S	Closed
<i>KBOR Seamless Transfer</i>						
83226 357 ONLNE	-----	-	12/11/19-01/08/20	Online	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## HIST 141 - U.S. History Since 1877

This survey course will emphasize developments and trends in American society from the 1870s to the late twentieth century. Topics will include the Reconstruction era, industrialization, immigration, reform movements, World Wars I and II, social and cultural trends, and foreign policy. Emphasis will be on analysis and interpretation of these developments.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_141](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80502 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
80503 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 126B	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
80504 003 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 126B	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
80505 004 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
80506 005 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
80507 006 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
80508 007 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
80509 009 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
80510 010 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 126A	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
80511 011 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 126B	McWilliams R	Closed
<i>KBOR Seamless Transfer</i>						
80512 012 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 126B	McWilliams R	Closed
<i>KBOR Seamless Transfer</i>						
80513 201 F2F	M-----	06:00-09:00 PM	09/09/19-12/15/19	CC 126B	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
80514 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
80515 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
80516 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
80518 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Mack J	Closed
<i>KBOR Seamless Transfer</i>						
80520 357 ONLNE	-----	-	10/14/19-12/08/19	Online	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						
83137 358 ONLNE	-----	-	10/14/19-12/08/19	Online	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
83228 359 ONLNE	-----	-	12/11/19-01/08/20	Online	Mack J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						



## HIST 143 - Ancient Greece, the Near East and Egypt

This course will present the background to the rise of Ancient Greece by examining first its Near-Eastern and Egyptian predecessors. Then it will examine Greece's historical development from the early Aegean phase through its Dark, Archaic, classical and Hellenistic phases. In addition to political, military, and social and economic developments, Greek literature and art will also be highlighted.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_143](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80522 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 279	Stockton W	Closed

## HIST 150 - Islam: Religion and Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization, including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora and Islam today. HIST 150 is the same course as REL 150 and HUM 150; enroll in one only.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_150](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82964 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Bevell Hull M	Closed

*Cultural Diversity Designation*

## HIST 151 - World History I: Traditional World

This course provides students an introduction to the history of the major world civilizations up to approximately 1500. Upon successful completion of the course, students will be able to identify the major political, social, economic and technical developments in the histories of Egypt, Mesopotamia, other Near Eastern civilizations, Rome, Greece, India, China, sub-Saharan Africa, pre-Colombian America and medieval Europe. Students will be able to define the concept of a traditional, as opposed to a modern, society. They will be able to compare these societies with each another and with the modern society of the contemporary United States.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_151](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80523 001 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 279	Stockton W	Closed

*Cultural Diversity Designation*  
*General Education Designation*  
*KBOR Seamless Transfer*

80524 201 F2F	---R---	06:00-09:00 PM	09/05/19-12/15/19	GEB 279	Davidson S	Closed
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*KBOR Seamless Transfer*  
*Cultural Diversity Designation*  
*General Education Designation*

80525 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Hembree M	Closed
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*Cultural Diversity Designation*  
*General Education Designation*  
*KBOR Seamless Transfer*

80526 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Mack J	Closed
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*General Education Designation*  
*Cultural Diversity Designation*  
*KBOR Seamless Transfer*

## HIST 152 - World History II: Modern World

This course provides students an introduction to the history of the world since approximately 1500. Upon successful completion, students will be able to describe and analyze the development of modernism, which occurred first in the West, including the scientific revolution, secularism, industrialism and the rise of new political ideologies. They will be able to trace the expansion of modernization in both the Western and non-Western worlds and the response to modernism in non-Western countries.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_152](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80528 002 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 279	Olivares I	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
80529 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Rider J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
80530 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Bevell Hull M	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
83229 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Tope J	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						

## HIST 167 - Introduction to History: Japan

This course will provide an introduction to Japan from the earliest period of human settlement on the Japanese archipelago to the present. In so doing, it will explore political, economic, social, cultural and religious developments. Such an exploration will be useful for the further study of East Asian and Japanese history, as well as other aspects of Japanese language and cultural study.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_167](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80531 001 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 126A	Clark V	Closed
<i>Cultural Diversity Designation</i>						

## HIST 250 - American West

This course is designed to familiarize students with the cultural, geographical, and historical context of the Trans-Mississippi West. Students will explore through three conceptual lenses: as region, a specific place defined by unique physical characteristics; as frontier, a mobile line of settlement; and as a perception, a set of mythic stories and images that attempt to convey national morals and values. Special attention is paid to the ethnic and racial diversity of the region, and to the major historical changes from pre-European contact to the present.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_250](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80532 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Leiker J	Closed

## HIST 260 - Women in U.S. History

This course examines how the experiences of women have shaped United States history. Coursework will investigate the construction of gender; intersections of race, ethnicity, class, sexuality and identity with gender; women's work (paid and unpaid); politics and reform; and changing gender roles. Special attention will be paid to the divergent experiences and perspectives of diverse women in order to expand cultural understanding.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_260\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82664 001 F2F	M-W-F--	01:00-01:50 PM	09/04/19-12/15/19	GEB 213	Boyle S	Closed

*Cultural Diversity Designation*  
*General Education Designation*

## HIST 270 - History Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate supervisors in state, local or national museum or research facilities or other not-for-profit organizations and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career or avocation in community service. The student spends the equivalent of 10 hours per week performing internship duties over the course of the semester or a total of 150 hours. Prerequisite: Department approval.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_270\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80533 501 INT	-----	-	08/19/19-12/15/19		Edwards T	5 of 6

Requirement: Department approval

## HIST 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience. Prerequisite: 2.0 GPA minimum and department approval.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST\\_291\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83121 960 IND	-----	-	08/19/19-12/15/19		Davidson S	Full

This section's title is **Studies in Egyptology**.

Requirement: Department approval

## Hospitality Management

### HMGT 120 - Food Service Sanitation

This course covers the basic principles of providing and serving safe food. It also provides the student with safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the national Food Code and National Restaurant Association guidelines. The successful completion of the ServSafe Sanitation exam will result in a national sanitation certification.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_120\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80171 001 F2F	M-----	12:00-01:50 PM	08/19/19-10/14/19	HCA 145	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
80172 002 F2F	M-----	12:00-01:50 PM	10/21/19-12/09/19	HCA 145	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
80174 003 F2F	-T-----	05:00-06:50 PM	08/20/19-10/08/19	HCA 145	Riley M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
80178 350 ONLNE	-----	-	08/19/19-10/14/19	Online	Riley M	Closed
<i>SB 155 Excel in CTE</i>						
80180 351 ONLNE	-----	-	10/21/19-12/09/19	Online	Riley M	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 121 - Perspectives of Hospitality Management

This introductory course is designed to provide students with current information on topics relevant to career exploration, employment and operational specifics of the various segments of the hospitality industry. The course includes exploration of the tourism, lodging, food and beverage and related industries, along with the operational characteristics unique to each and the critical concepts of service management. The identification of current events and trends will be included along with the evaluation of impact on the hospitality industry. This course also identifies and explores career opportunities and includes the professional profiles and job search materials directly related to the hospitality industry.

**Credit Hours: 3**

**Associated Costs:** \$25 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_121](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81137 001 F2F	M-----	12:00-02:50 PM	08/19/19-12/15/19	HCA 117	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
81138 002 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	HCA 145	Bell C	Closed
<i>SB 155 Excel in CTE</i>						
81139 003 F2F	-T-----	12:00-02:50 PM	08/20/19-12/15/19	HCA 119	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
82647 004 F2F	-T-----	06:00-09:00 PM	09/10/19-12/15/19	HCA 119	Bell C	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 123 - Professional Cooking I

This is the first of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate skills in basic cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. Prerequisite or Corequisite: HMGT 120.

**Credit Hours: 3**

**Associated Costs:** \$50 to 200

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_123](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81140 001 F2F	M-----	08:00-11:30 AM	08/19/19-12/15/19	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
81141 002 F2F	-T-----	01:00-04:30 PM	08/20/19-12/15/19	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
81142 003 F2F	--W----	08:00-11:30 AM	08/21/19-12/15/19	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
81143 004 F2F	--W----	01:00-04:30 PM	08/21/19-12/15/19	HCA 140	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
81144 005 F2F	M-----	06:00-09:30 PM	08/19/19-12/15/19	HCA 140	Tatum C	Closed
<i>SB 155 Excel in CTE</i>						
81145 006 F2F	M-----	01:00-04:30 PM	08/19/19-12/15/19	HCA 140	Berg M	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 126 - Food Management

This course offers an overview of restaurant management practices used in the hospitality industry. Emphasis will be on demonstrating the components of menu planning and the styles of food service used for various occasions -- buffet service and French, Russian and American service. The student will participate in the operation of the campus restaurant, including food preparation, service, sales promotion, purchasing and costing. Prerequisite: Admission to the hospitality management program and HMGT 123 and HMGT 230 and HMGT 277.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_126](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81146 001 F2F	--W----	08:00-09:50 AM	08/21/19-12/15/19	HCA 148	Berg M	Closed
	--W----	08:00-09:50 AM	08/21/19-12/15/19	HCA 150		
	---R--	08:00-02:50 PM	08/22/19-12/15/19	HCA 148		
	---R--	08:00-02:50 PM	08/22/19-12/15/19	HCA 150		

*SB 155 Excel in CTE*

## HMGT 128 - Supervisory Management

This course contains the basic supervisory management skills, management styles, motivation with emphasis on human relations, delegation, training, evaluation and communication. In addition, the hiring and firing functions within FLSA guidelines will be covered.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_128](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81328 001 F2F	-T-----	12:00-02:50 PM	08/20/19-12/15/19	HCA 117	Berg M	Closed
81332 002 F2F	--W----	09:00-11:50 AM	08/21/19-12/15/19	HCA 117	Gray J	Closed

## HMGT 130 - Hospitality Law

This course offers an overview of product and dram shop liability as well as of the various areas of federal and state legislation that regulate the hospitality industry. Emphasis will be on familiarizing the hospitality manager with ways to avoid costly and time-consuming lawsuits. A manager's or owner's legal rights and responsibilities also will be discussed. Upon successful completion of this course, the student should be able to recognize potential legal problems.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_130](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81336 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	HCA 117	Anderson S	Closed

*SB 155 Excel in CTE*

## HMGT 132 - Seminar in Housekeeping Operations

This course presents a systematic approach to managing housekeeping operations in the hospitality industry. The course will also include related health department and OSHA regulations. While enrolled in this class, a student must work a minimum of 15 hours a week in a lodging operation. The work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_132](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81339 001 F2F	--W----	03:00-04:50 PM	08/21/19-12/15/19	HCA 117	Bell C	Closed

## HMGT 150 - Seminar: Food Service Sales and Marketing

This course includes detailed information in distinguishing the difference between marketing, sales, promotion, advertising and merchandising. In addition, development and quantifying the cost of a marketing plan by analyzing markets and developing a primary target market will be discussed. This course is a seminar course, and students are required to be employed 15 hours per week in a job related to the hospitality industry.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_150](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81345 001 F2F	M-----	09:00-10:50 AM	08/19/19-12/15/19	HCA 117	Bell C	Closed

## HMGT 167 - Local Food Production

Upon successful completion of this course, the student should be able to analyze and explain the basic cooking methods, recipe conversion and professional food preparation and handling of local food products. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. It will provide students with practical methods of application involved with safe handling and production of post-harvest local food products.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_167](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81347 001 F2F	--W----	01:00-04:30 PM	08/21/19-12/15/19	HCA 148	Smith D	Closed
	--W----	01:00-04:30 PM	08/21/19-12/15/19	HCA 150		

*SB 155 Excel in CTE*

## HMGT 203 - Hotel Sales and Marketing

This course will focus on practical sales and marketing techniques for the hotel industry. It will cover a marketing plan and advertising campaign for a hotel, including identifying target markets, prospecting for sales leads and using sales techniques. Prerequisite: Admission to the hospitality management program and HMGT 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_203](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_203))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81349 001 F2F	M-----	12:00-02:50 PM	08/19/19-12/15/19	HCA 115	Bell C	Closed

*SB 155 Excel in CTE*

## HMGT 207 - Hospitality Human Resource Management

This course will examine hospitality human resources management from the global perspective as the rise of multinational hospitality corporations and a multicultural society place new requirements on managers with human resource responsibilities. Special emphasis will be placed on both the "soft skills" involved in counseling, interpersonal relations and different management theories, as well as the "hard skills" involved in the legislative aspects of managing people. This course will concentrate on how to manage managers. Prerequisite: HMGT 128.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_207](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_207))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81350 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	HCA 117	Edwards R	Closed

*SB 155 Excel in CTE*

## HMGT 220 - American Regional Cuisine

This course introduces the student to regional American cooking from nine regional culinary traditions and two specialty traditions within American cuisine. Students will study the cuisine of New England; the Mid-Atlantic states; the Deep South; Florida and the Caribbean; Cajun and Creole; the Central Plains and Rocky Mountain states; Tex-Mex and the American Southwest; California and Hawaii; the Pacific Northwest, as well as vegetarian cuisine and kosher dietary laws. Upon completion of this course, the student should be able to demonstrate skills in cooking and presenting classic American dishes in their traditional forms within a restaurant setting. Prerequisite: HMGT 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_220](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81351 001 F2F	-T-----	08:00-11:30 AM	08/20/19-12/15/19	HCA 148	Adel E	Closed

*SB 155 Excel in CTE*

## HMGT 221 - Design and Facilities Management

This course includes detailed information about food service design that covers layout, design and equipment specifications. In addition, facilities operations will be discussed regarding electrical, water and transportation systems; refrigeration; waste disposal; energy management; and HVAC. Preventive maintenance will be emphasized. Prerequisite: HMGT 123 and HMGT 271.

**Credit Hours: 3**

**Associated Costs:** \$25 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_221](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81352 001 F2F	-T-----	03:00-05:50 PM	08/20/19-12/15/19	HCA 115	Sobieraj R	Closed

*SB 155 Excel in CTE*

## HMGT 223 - Fundamentals of Baking

This course covers bakeshop production as it relates to the basic principles of ingredients, measurements, mixing, proofing, baking and final presentation. In addition, the student will be able to identify the various types of baking equipment used in the preparation of bakeshop products. The class includes lecture and participation.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_223](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_223))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81353 001 F2F	M-----	12:00-03:30 PM	08/19/19-12/15/19	HCA 144	Maxim C	Closed
<i>SB 155 Excel in CTE</i>						
81355 003 F2F	-T-----	06:00-09:30 PM	08/20/19-12/15/19	HCA 144	Reed A	Closed
<i>SB 155 Excel in CTE</i>						
83093 004 F2F	M-----	06:00-09:30 PM	08/19/19-12/15/19	HCA 144	Parkhurst A	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 226 - Garde Manger

This course is designed for the student to learn cold food production and charcuterie. The course will allow the student to develop fundamental principles of the cold kitchen and modernize traditional methods of salad preparation. Prerequisite: HMGT 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_226](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_226))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81356 001 F2F	M-----	08:00-11:30 AM	08/19/19-12/15/19	HCA 146	Adel E	Closed

*SB 155 Excel in CTE*

## HMGT 228 - Advanced Hospitality Management

This course includes detailed information about various components of menu planning, food service, supervision, design and beverage control. In addition, an understanding of the external factors affecting the hotel-restaurant industry will be discussed. Skills necessary to secure a position in management within the hospitality industry will be emphasized, and case studies and computer simulation (HOTS) will be used for critical thinking analysis. Business plans will be developed as part of the course project. Prerequisite: Department approval.

**Credit Hours: 3**

**Associated Costs:** \$25 to 50

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_228](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_228))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81552 001 F2F	M-----	09:00-11:50 AM	08/19/19-12/15/19	HCA 115	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
82540 002 F2F	--W----	12:00-02:50 PM	08/21/19-12/15/19	HCA 117	Gray J	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 230 - Professional Cooking II

This is the second of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate advanced level skills in cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate advanced food service equipment used in commercial kitchens. This course consists of lecture, demonstration and participation in food preparation. Prerequisite: HMGT 120 and HMGT 123.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_230](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81553 001 F2F	M-----	08:00-11:30 AM	08/19/19-12/15/19	HCA 142	Prater A	Closed
<i>SB 155 Excel in CTE</i>						
81554 002 F2F	M-----	01:00-04:30 PM	08/19/19-12/15/19	HCA 142	Adel E	Closed
<i>SB 155 Excel in CTE</i>						
81555 003 F2F	-T-----	08:00-11:30 AM	08/20/19-12/15/19	HCA 142	Smith D	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 231 - Advanced Food Preparation

This course is designed to develop a student's advanced culinary skills in preparation of international cuisine commonly served in today's operations in Latin America, Europe, Asia, the Middle East, the Far East and the Pacific area. Prerequisite: HMGT 230 and department approval.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_231](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81556 001 F2F	M-----	12:00-04:30 PM	08/19/19-12/15/19	HCA 148	Prater A	Closed
<i>SB 155 Excel in CTE</i>						

## HMGT 248 - Confectionery Arts

This course covers the design and production of artistic centerpieces made from confections. It provides knowledge of and basic skills in making decorative dining table centerpieces using food products such as cooled and pulled sugar syrup, isomalt, pastillage, marzipan and chocolate. The student will be instructed in the preparation of these ingredients and will construct center and showpieces after viewing demonstrations.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_248](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_248))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81557 001 F2F	M-----	08:00-11:30 AM	08/19/19-12/15/19	HCA 144	Parkhurst A	Closed

*SB 155 Excel in CTE*

### HMGT 268 - Hospitality Managerial Accounting

This course introduces the student to basic managerial accounting. This includes accounting concepts, processing data and the flow of financial information within a hospitality operation. The course provides a working knowledge of an income statement, balance sheet, statement of owner's equity and cash flows. Prerequisite: MATH 120 (or higher) and HMGT 121 and HMGT 273.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_268](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_268))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81561 001 F2F	-T-----	12:00-02:50 PM	08/20/19-12/15/19	HCA 115	Bell C	Closed

*SB 155 Excel in CTE*

### HMGT 270 - Meat and Fish Identification and Fabrication

This course is designed for the student to learn about meat and fish identification, and fabrication of beef, veal, pork, lamb, poultry, fish and seafood. Prerequisite: HMGT 226 and HMGT 286.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_270](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81563 001 F2F	-T-----	08:00-11:30 AM	08/20/19-12/15/19	HCA 146	Prater A	Closed

*SB 155 Excel in CTE*

### HMGT 271 - Seminar in Hospitality Management: Purchasing

This course offers an overview of purchasing techniques and specification writing for commodities used in the hospitality industry. Emphasis will be on decision-making skills in the areas of quality, quantity, specifications and general value analysis. Two hours in class and a minimum of 15 hours a week are required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_271](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81564 001 F2F	-T-----	03:00-04:50 PM	08/20/19-12/15/19	HCA 119	Berg M	Closed
81568 002 F2F	--W----	03:00-04:50 PM	08/21/19-12/15/19	HCA 119	Adel E	Closed

### HMGT 273 - Hospitality Cost Accounting

This course includes detailed information on how to prepare operation statements for a food service operator, including inventory and control systems. Areas of concentration will be food cost controls, labor cost controls, purchasing controls and profit production. The practice set will be used to reinforce control systems. Prerequisite: MATH 120 (or higher) and HMGT 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_273](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_273))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81620 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	HCA 115	Sobieraj R	Closed

*SB 155 Excel in CTE*

CRN	Days	Time	Date	Location	Instructor	Seats Open
81642 002 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	HCA 115	Sobieraj R	Closed

SB 155 Excel in CTE

### HMGT 275 - Seminar in Hospitality Management: Internship

This course provides industry experience for students in cooperating businesses, agencies and organizations. While enrolled in this course, a student must work a minimum of 320 hours in an approved position in the hospitality industry. By arrangement. Prerequisite: Admission to the hospitality management program.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_275](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81644 500 INT	-----	-	08/19/19-12/15/19		Gray J	17 of 24

### HMGT 277 - Seminar in Hospitality Management: Menu Design & Planning

This course provides the basic knowledge of menu design and planning. Students will learn the components of menu design and planning for each concept category. The course will cover the topics of menu layout, selection and development, price structures and the theory of menu design. A minimum of 15 hours a week is required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent, but does not necessarily concentrate on the subject being taught in the course. Prerequisite: HMGT 123 and HMGT 273.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_277](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_277))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81647 001 F2F	--W----	06:00-07:50 PM	08/21/19-12/15/19	HCA 115	Sobieraj R	Closed
81649 002 F2F	M-----	03:00-04:50 PM	08/19/19-12/15/19	HCA 115	Sobieraj R	Closed

### HMGT 279 - Beverage Control

This course covers the history of wines and their use and storage procedures. The students should gain an understanding of beverage control and how it is used in all types of operations. The course will also cover in-depth study of spirits, internal control systems and local/state alcoholic beverage control laws.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_279](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_279))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81651 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	HCA 150	Berger S	Closed
81654 002 F2F	--W----	08:00-10:50 AM	08/21/19-12/15/19	HCA 145	Prater A	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

### HMGT 281 - Culinary Arts Practicum I

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. Prerequisite: Acceptance into the American Culinary Federation Chef Apprenticeship training program and hospitality management department approval.

**Credit Hours: 2**

**Associated Costs:** \$100 to 300

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_281](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_281))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81666 500 INT	-----	-	08/19/19-12/15/19		Marcellus J	21 of 55

*SB 155 Excel in CTE*

Requirement: Department approval

## HMGT 282 - Culinary Arts Practicum II

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum I. Prerequisite: HMGT 281.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_282](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_282))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81669 501 INT	-----	-	08/19/19-12/15/19		Marcellus J	29 of 40

*SB 155 Excel in CTE*

## HMGT 285 - Culinary Arts Practicum III

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum II. Prerequisite: HMGT 282.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_285](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_285))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81672 502 INT	-----	-	08/19/19-12/15/19		Marcellus J	27 of 40

*SB 155 Excel in CTE*

## HMGT 286 - Culinary Arts Practicum IV

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum III. Prerequisite: HMGT 285.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_286](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81677 503 INT	-----	-	08/19/19-12/15/19		Marcellus J	34 of 40

*SB 155 Excel in CTE*

## HMGT 287 - Culinary Arts Practicum V

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum IV. Prerequisite: HMGT 286.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_287](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_287))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81694 504 INT	-----	-	08/19/19-12/15/19		Marcellus J	23 of 40

*SB 155 Excel in CTE*

## HMGT 288 - Culinary Arts Practicum VI

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum V. Prerequisite: HMGT 287 and hospitality management department approval.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_288](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_288))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81700 505 INT	-----	-	08/19/19-12/15/19		Marcellus J	30 of 40

*SB 155 Excel in CTE*  
Requirement: Department approval

## HMGT 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of culinary arts, not usually taught in the curriculum, to interested and qualified students within the program. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT\\_292](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81703 001 F2F	---R---	06:00-09:30 PM	08/22/19-12/15/19	HCA 148	Broomfield A Prater A	Closed

This section's title is **Special Topics: Cuisine of Germany.**

## Hospitality Mgt Pastry Baking

### HMPB 155 - Pastry Shop Production I

This course will provide hands-on instruction of techniques used to make basic pastry shop staples used in the production of items intended for retail sales in a professional pastry shop. Prerequisite: HMGT 120 and HMGT 123. Corequisite: HMPB 160 and HMPB 233 and HMPB 252.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB\\_155](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80205 001 F2F	--W----	08:00-10:14 AM	08/21/19-12/15/19	HCA 144	Fraase D	Closed
	---R---	09:00-11:14 AM	08/22/19-12/15/19	HCA 144		

*SB 155 Excel in CTE*

### HMPB 160 - Pastry Shop Principles I

This course will examine the fundamental baking concepts including sanitation, ingredient identification and usage, weights and measures, inventory and product ordering needed as it pertains to a professional pastry shop. Students will be operating a working bake shop. Prerequisite: HMGT 120 and HMGT 123. Corequisite: HMPB 155 and HMPB 233 and HMPB 252.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB\\_160](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_160))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80208 001 F2F	--W----	10:15-12:29 PM	08/21/19-12/15/19	HCA 144	Fraase D	Closed
	---R---	11:15-01:29 PM	08/22/19-12/15/19	HCA 144		

*SB 155 Excel in CTE*

## HMPB 233 - Patisserie

This course will provide hands-on instruction of techniques to make finished pastry items such as tortes, tarts, pastries, cookies, candies and breads as well as how to present items in a professional manner. Prerequisite: HMG 120 and HMG 123. Corequisite: HMPB 155 and HMPB 160 and HMPB 252.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB\\_233](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80210 001 F2F	--W----	12:30-02:44 PM	08/21/19-12/15/19	HCA 144	Fraase D	Closed
	---R---	01:30-03:44 PM	08/22/19-12/15/19	HCA 144		

*SB 155 Excel in CTE*

## HMPB 252 - Pastry Shop Business Basics I

This course will provide basic hands-on techniques used to market finished pastry items, customer service, setting up, restocking and maintaining a display case, as well as taking pastry orders. Prerequisites: HMG 120 and HMG 123. Corequisite: HMPB 155 and HMPB 160 and HMPB 233.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB\\_252](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_252))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80212 001 F2F	--W----	02:45-04:59 PM	08/21/19-12/15/19	HCA 144	Fraase D	Closed
	---R---	03:45-05:59 PM	08/22/19-12/15/19	HCA 144		

*SB 155 Excel in CTE*

## Honors Program

### HON 250 - Honors Forum: In Search of Solutions

This course will focus on two topics during the semester and how those topics affect the local, national and global communities. The course complements other courses in the curriculum by applying the dual emphases of specific content and skill development to the areas of interaction, analysis, synthesis and conflict resolution. Students will study each issue in a historical and contemporary context, develop a greater understanding of the issues, and take a position on the issues. This position will be subjected to further challenge and dialogue. In this course, the process of reflecting, researching, analyzing and evaluating are as important as content. As points of view concerning the issue are developed, the students must articulate and defend these viewpoints as they are challenged by others and make judgments among alternative options. The first topic is selected by the faculty members, then midway through the semester, the students will select the second topic. This course will require students to use many forms of research, including the Internet and electronic databases. In addition, students will be expected to use e-mail for sharing information with classmates and instructors.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hon/#HON\\_250](http://catalog.jccc.edu/coursedescriptions/hon/#HON_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82306 001 F2F	--W----	02:00-04:30 PM	08/21/19-12/15/19	GEB 238	Pace A	Closed

This section's title is **Honors Forum: American Dream**.

#### *Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. For additional information and permission to enroll, please contact the honors office at [honors@jccc.edu](mailto:honors@jccc.edu).

### HON 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of honors pedagogy not usually taught in the curriculum to interested and qualified students within the program. Prerequisite: Department approval.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hon/#HON\\_292](http://catalog.jccc.edu/coursedescriptions/hon/#HON_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83065 001 F2F	----F--	12:30-02:20 PM	08/19/19-12/15/19	ITC 188	Eberle D	Closed

This section's title is **Special Topics: Sustainable Building & Living Honors I**.

#### Honors Course

Note: In this class students will study the applied meaning of sustainability and design a sustainable living style for their culture including concepts of built space. Students will collaborate on the design of a small single family unit that will be built in the follow-on course in Spring 2020. This is an honors section and enrollment is by permission, requiring departmental approval. For additional information and permission to enroll, please contact the honors office at [honors@jccc.edu](mailto:honors@jccc.edu).

## Horticulture

### HORT 115 - Home Horticulture

This course provides basic knowledge for the design and management of home lawns, flower and vegetable gardens, and landscape trees and shrubs. Students will learn basic plant anatomy and physiology concepts; how to recognize some common plant deficiency symptoms; the use of fertilizers and pesticides; identification of some common trees, shrubs and garden plants; and the major considerations of good landscape design.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_115](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82011 090 F2F	Lab -T-----	06:00-07:59 PM	09/10/19-12/15/19	HSC 124	Fike T	Closed
	-T-----	08:00-08:59 PM	09/10/19-12/15/19	HSC 121		

### HORT 140 - Turfgrass I

The basics of turfgrass identification, selection, use and care will be covered. The emphasis will be on efficient management of soil and turf on large or small grounds. Upon successful completion of this course, students should be able to demonstrate their ability to properly identify the major categories of turfgrass; establish and maintain turfgrass; identify turfgrass pests; and develop a pest control fertilizer program. Irrigation systems, their maintenance and repair will also be discussed.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_140](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82013 001 F2F	M-----	10:00-11:50 AM	08/19/19-12/15/19	HSC 121	Kumar L	Closed
	Lab M-----	12:00-01:50 PM	08/19/19-12/15/19	HSC 121		

*SB 155 Excel in CTE*

### HORT 150 - Fruits, Vegetables and Herb Crops

This course is designed to familiarize garden center employees with the plant materials and production of crops many homeowners use and grow. This course will help the employee answer many homeowner questions about production, varieties and potential crop problems. Home hobbyists may also wish to enroll in this course.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_150](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82014 001 F2F	Lab --W----	01:00-01:50 PM	08/21/19-12/15/19	HSC 124	Kumar L	Closed
	Lab --W----	02:00-02:50 PM	08/21/19-12/15/19	HSC 121		
	--W----	03:00-03:50 PM	08/21/19-12/15/19	HSC 121		

*SB 155 Excel in CTE*

### HORT 165 - Arboriculture

This course will prepare the student to work with trees in Zones 5-6. In lecture and lab settings students will learn and demonstrate how to properly plant, prune and maintain trees, identify hazard trees and proper pruning and tree removal techniques. Emphasis will be placed on ANSI and OSHA safety requirements. At the end of this course the student will be prepared to take the test for arboriculture certification in Kansas.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_165](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82015 380 HYB	-----	-	08/19/19-12/15/19	Online	Fike T	Closed
	---R---	06:00-06:50 PM	08/22/19-12/15/19	HSC 121		
	Lab ---R---	07:00-09:50 PM	08/22/19-12/15/19	HSC 124		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## HORT 201 - Introduction to Horticultural Science

This is an introduction to the principles and practices of horticultural plant systems. Plant structure and function will be discussed, along with the effects of environmental factors on plant growth. General cultural practices will be described, including pest control, mineral nutrition and plant propagation.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_201](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82016 380 HYB	-----	-	08/19/19-12/15/19	Online	Sreedhar L	Closed
	----F--	10:00-10:50 AM	08/23/19-12/15/19	HSC 121		
	Lab ----F--	11:00-12:50 PM	08/23/19-12/15/19	HSC 124		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

82017 381 HYB	-----	-	08/19/19-12/15/19	Online	La Hovary C	Closed
	Lab ---R---	06:00-06:50 PM	08/22/19-12/15/19	HSC 124		
	---R---	07:00-07:50 PM	08/22/19-12/15/19	HSC 121		
	Lab ---R---	08:00-08:50 PM	08/22/19-12/15/19	HSC 121		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## HORT 214 - Woody Plants, Deciduous

The class places emphasis on identification, ornamental characters, site requirements, and use of woody ornamental deciduous trees and shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be also be taught. This course will assist the horticulturist, grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_214](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_214))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82019 380 HYB	-----	-	08/19/19-11/10/19	Online	Sreedhar L	Closed
	Lab --W----	11:00-12:59 PM	08/21/19-11/10/19	HSC 121		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## HORT 220 - Herbaceous Plants

This course will focus on the identification, ornamental characters, culture, propagation, and use of herbaceous perennials, bulbs, ground covers, vines and annuals. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying and selecting herbaceous plant materials with additional emphasis on uses and maintenance of these plants when used in the landscape.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_220](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82022 350 ONLNE	-----	-	08/19/19-10/13/19	Online	Seckinger G	Closed
	Lab -----	-	08/19/19-10/13/19	Online		
<i>SB 155 Excel in CTE</i>						
82119 380 HYB	Lab M-----	02:00-03:50 PM	08/19/19-11/10/19	HSC 121	Sreedhar L	Closed
	-----	-	08/19/19-11/10/19	Online		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## HORT 235 - Landscape Maintenance and Techniques

This course is designed to familiarize students with the principles and techniques involved in landscape maintenance including pruning techniques, fertilization, irrigation, spray schedules and weed control. Installation and maintenance of annual and perennial plant material is examined. In addition, the student will learn to design preventive strategies and identify and examine disease and insect damage. The students will learn how to maintain good customer relations.

**Credit Hours: 3**

**Associated Costs: \$30**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_235](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82025 001 F2F	---R---	02:00-03:50 PM	08/22/19-12/15/19	HSC 121	Boyce B	Closed
	Lab ---R---	04:00-05:50 PM	08/22/19-12/15/19	HSC 121		

*SB 155 Excel in CTE*

## HORT 255 - Pest Management

This course will explore the general concepts of turf, ornamental, commercial crop and vegetable garden maintenance and pest control in the local area. The student will become familiar with federal and state regulations pertaining to horticulture chemical application. Upon completion of this course, the student should be prepared to take the Kansas or Missouri licensing examination to become a certified applicator of restricted horticultural pesticides and herbicides.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_255](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82027 350 ONLNE	-----	-	10/14/19-12/08/19	Online	St John R	Closed
<i>SB 155 Excel in CTE</i>						
83249 365 ONLNE	-----	-	12/11/19-01/08/20	Online	St John R	Closed

*SB 155 Excel in CTE*

## HORT 270 - Horticulture Internship

Student should be able to apply classroom knowledge to an actual work situation. The internship will provide students on-the-job experience under the supervision of professionals in the Horticultural industry. The work will be developed cooperatively with area employers, college staff and each student to provide a job experience in the area of their horticultural focus and career goals. 20 hrs field study. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hort/#HORT\\_270](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82029 500 INT	-----	-	08/19/19-12/15/19		Sreedhar L	9 of 10

*SB 155 Excel in CTE*

Requirement: Department approval



## HPER 100 - Basketball (Beginning)

Students will have an opportunity to learn fundamental basketball skills through demonstration and discussion of strategies for team play. Emphasis is on individual participation. 2 hrs./wk.

**Credit Hours:** 1

**Associated Costs:** \$10-\$30

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_100](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80361 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-10/27/19	GYM 003B	Walker B	Closed
	M-W-F--	11:00-11:50 AM	08/19/19-10/27/19	GYM 003C		

## HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. Prerequisite: HPER 100.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_101](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_101))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80366 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-10/27/19	GYM 003B	Walker B	Closed
	M-W-F--	11:00-11:50 AM	08/19/19-10/27/19	GYM 003C		

## HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared toward all students, both beginners as well as those who have previous training. 2 hrs./wk.

**Credit Hours:** 1

**Associated Costs:** \$12 to 15

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_104](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80883 003 F2F	M-W----	10:00-10:50 AM	08/19/19-12/15/19	GYM 007	Pulley T	Closed
80887 004 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	GYM 007	Zickefoose W	Closed
80884 005 F2F	-T-R---	08:30-09:20 AM	08/20/19-12/15/19	GYM 007	Anani S	Closed
80888 006 F2F	-T-R---	10:00-10:50 AM	08/20/19-12/15/19	GYM 007	Pulley T	Closed
80885 007 F2F	-T-R---	01:00-01:50 PM	08/20/19-12/15/19	GYM 007	Zickefoose W	Closed
80886 008 F2F	-T-R---	02:00-02:50 PM	08/20/19-12/15/19	GYM 007	Zickefoose W	Closed

## HPER 117 - Power Volleyball (Beginning)

The basic skills of volleyball taught in this class include the forearm pass, overhead set, serve, block and spike (attacking). Elementary offense and defense along with volleyball rules, scoring and officiating will be covered. 2 hrs./wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_117](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_117))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80890 001 F2F	M---F--	10:00-10:50 AM	08/19/19-12/15/19	GYM 125	Rogert J	Closed

### HPER 118 - Power Volleyball (Intermediate)

Students will have the opportunity to build upon the basic fundamentals of the Power Volleyball (Beginning) class. Intermediate skills, strategies, offensive and defensive systems and rules will be covered for six-player, four-player, three-player, and two-player volleyball. Prerequisite: HPER 117.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_118](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80891 001 F2F	M---F--	10:00-10:50 AM	08/19/19-12/15/19	GYM 125	Rogert J	Closed

### HPER 124 - Tai Chi I

The class will introduce students to the practice of tai chi. Students will learn the basic structure, footwork and breathing involved in the execution of routines consisting of a variety of postures. 2 hrs./wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_124](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83088 001 F2F	-T-R---	11:00-11:50 AM	08/19/19-12/15/19	GYM 007	Pulley T	Closed

### HPER 130 - Running Awareness and Exercise

The course will introduce the student to aerobic fitness through the activity of running. The training principles for running and competitive racing will be covered, and the individual will complete a personal running and/or racing training program. 2 hrs./wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_130](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80892 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Bloemker M	Closed

Note: All assignments and tests will be done online.

80893 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Bloemker M	Closed
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Note: All assignments and tests will be done online.

### HPER 134 - Weight Training (Beginning)

In this class, muscular strength and endurance will be developed through weight training activity. A workout program will be implemented for each student. The muscular system, basic terminology of weight training and weight training theory will be discussed. 2 hrs./wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_134](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80894 001 F2F	M-W----	09:00-09:50 AM	08/19/19-12/15/19	GYM 022	Hall T	Closed
80895 002 F2F	M-W----	10:00-10:50 AM	08/19/19-12/15/19	GYM 022	Hall T	Closed
80896 003 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	GYM 022	Anani S	Closed
80897 004 F2F	-T-R---	09:30-10:20 AM	08/20/19-12/15/19	GYM 022	Anani S	Closed

## HPER 135 - Weight Training (Intermediate)

In this class, muscular strength and endurance will be developed. A self-designed and directed resistance workout program will be implemented. The proper use of a training log and personal fitness evaluation techniques will be discussed. Prerequisite: HPER 134.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_135](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80898 001 F2F	M-W----	09:00-09:50 AM	08/19/19-12/15/19	GYM 022	Hall T	Closed
80899 002 F2F	M-W----	10:00-10:50 AM	08/19/19-12/15/19	GYM 022	Hall T	Closed
80900 003 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	GYM 022	Anani S	Closed
80901 004 F2F	-T-R---	09:30-10:20 AM	08/20/19-12/15/19	GYM 022	Anani S	Closed

## HPER 139 - Pickleball

Students will review the rules, terminology and history of pickleball. The student will receive instruction on the strokes of pickleball, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game.

**Credit Hours:** 1

**Associated Costs:** \$15 to \$40

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_139](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_139))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80903 002 F2F	-T-----	06:00-07:50 PM	08/20/19-12/15/19	GYM 003B	Alarico A	Closed
	-T-----	06:00-07:50 PM	08/20/19-12/15/19	GYM 003C		
	-T-----	06:00-07:50 PM	08/20/19-12/15/19	GYM 003D		

## HPER 155 - Ballet (Beginning)

This progressive ballet system is designed to produce muscular strength and flexibility and a working knowledge of anatomy, plus the aesthetic satisfaction of expressing yourself through a classical art form. Offered to students of all ages and experience, both beginners as well as those who have had some training. 2 hrs./wk.

**Credit Hours:** 1

**Associated Costs:** \$17 to 30

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_155](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80905 001 F2F	M-W----	11:00-11:50 AM	08/19/19-12/15/19	GYM 007	Phillips D	Closed

## HPER 192 - Wellness for Life

This course introduces students to the theory and principles upon which the concepts of lifetime fitness and wellness are based. Students will examine the relationship that exists between wellness and lifestyle behaviors. Individual self-assessments will be used to establish current health and fitness levels. 1 hr. lecture/wk.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_192](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80907 350 ONLNE	-----	-	08/19/19-11/10/19	Online	Carrier D	Closed

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online.

80908 351 ONLNE	-----	-	08/19/19-11/10/19	Online	Carrier D	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online.						
80910 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Carrier D	Closed

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online.

## HPER 195 - Introduction to Sports Medicine

The purpose of this class is to introduce the basic concepts of sports medicine, specifically Athletic Training. It will address the fundamentals of the human musculoskeletal system, sports-related injuries, injury treatment and other sports medicine-related topics. This class is designed for beginning athletic training students and other students interested in the subject. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_195](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80911 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	SCI 122	Edwinson B	Closed

## HPER 200 - First Aid and CPR

After completing this course, students should be able to perform the basic skills of first aid. The course will cover cause, prevention and first aid care of common emergencies. Certification may be earned in first aid, cardiopulmonary resuscitation and automated external defibrillators (AED). 2 hrs. lecture/wk.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_200](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80914 376 HYB	--W----	11:00-11:50 AM	08/21/19-12/15/19	GYM 021	Dey R	Closed
	-----	-	08/21/19-12/15/19	Online		

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: You must attend class on Wednesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online.

80915 377 HYB	M-----	12:00-12:50 PM	08/19/19-12/15/19	GYM 021	Pulley T	Closed
	-----	-	08/19/19-12/15/19	Online		

*Mandatory Classroom Meetings*

*KBOR Seamless Transfer*

Note: You must attend class on Mondays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online.

80916 378 HYB	-T-R---	11:30-12:20 PM	10/15/19-12/08/19	GYM 021	Dey R	Closed
	-----	-	10/15/19-12/08/19	Online		

*KBOR Seamless Transfer*

*Mandatory Classroom Meetings*

Note: You must attend class on Tuesdays and Thursdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online.

## HPER 202 - Personal Community Health

This course is designed to provide the student with the knowledge and understanding to make positive, healthy lifestyle choices. In addition, students will learn about issues within the community that affect their daily health, both directly and indirectly. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_202](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80917 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GYM 013	Carrier D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80918 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GYM 013	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
80919 003 F2F	-T-R---	12:30-01:50 PM	08/20/19-12/15/19	GYM 013	Mallory L	Closed
<i>KBOR Seamless Transfer</i>						
80946 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i> Note: All assignments and tests will be done online.						
80947 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i> Note: All assignments and tests will be done online.						
80951 354 ONLNE	-----	-	09/30/19-12/08/19	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i> Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online.						
80950 355 ONLNE	-----	-	10/21/19-12/15/19	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i> Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online.						
80952 356 ONLNE	-----	-	11/04/19-12/08/19	Online	Mallory L	Closed
<i>KBOR Seamless Transfer</i> Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online.						
83211 357 ONLNE	-----	-	12/11/19-01/08/20	Online	Mallory L	Closed
<i>KBOR Seamless Transfer</i>						

## HPER 204 - Care and Prevention of Athletic Injury

Care and Prevention of Athletic Injuries will focus on recognition, evaluation, treatment and recording of common athletic injuries. Human anatomy will be emphasized through the understanding of athletic movements and physical testing. Additional topics include legal and ethical practices for the athletic trainer and the psychology of today's competitive athlete. Care and Prevention of Athletic Injuries is the basic sports medicine class required by most exercise science and coaching degree programs.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_204](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_204))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80956 001 F2F	-T-R---	09:30-10:50 AM	08/20/19-12/15/19	GYM 013	West E	Closed

## HPER 208 - Introduction to Exercise Physiology

This introduction to exercise physiology will introduce the effects of exercise on the muscular system, the cardiovascular system and the metabolic system. The course will prepare the student in the design of and principles for an individual exercise program. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_208](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_208))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80962 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GYM 013	Brethauer S	Closed
80963 002 F2F	-T-R---	11:00-12:20 PM	08/20/19-12/15/19	GYM 013	Groves P	Closed
80958 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Stinson J	Closed

## HPER 220 - Sports Officiating

The rules and practical application of officiating will be covered for the following sports: volleyball, football, basketball, baseball and softball. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_220](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80965 001 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GYM 013	Canary D	Closed

## HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation students study the fundamental basics of governmental, private and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map and compass, outdoor safety, and how to dress and pack for outdoor adventures. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_224](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_224))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80966 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Burgess C	Closed

Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online.

80968 351 ONLNE	-----	-	09/16/19-12/15/19	Online	Burgess C	Closed
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Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online.

## HPER 240 - Lifetime Fitness I

Lifetime Fitness introduces the student to basic fitness principles, physical activity and the relationship to a healthy lifestyle. This class is designed to provide a variety of physical activity experiences. Students will gain an understanding of the necessary skills needed to develop and implement personal lifestyle improvements related to cardiovascular fitness, muscular strength, muscular endurance, flexibility and body composition. Physical activity tracking will be utilized in this course.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_240](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80970 001 F2F	-----	-	08/19/19-12/15/19	GYM 103	Dey R	Closed

### *Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Canvas. Orientation must be completed within one week of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor.

80971 002 F2F	-----	-	08/19/19-12/15/19	GYM 103	Dey R	Closed
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### *Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Canvas. Orientation must be completed within one week of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor.

80976 005 F2F	-----	-	08/26/19-12/15/19	GYM 103	Dey R	Closed
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### *Lifetime Fitness*

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Canvas. Orientation must be completed within one week of the start of the course or you will be dropped for non-attendance. After the orientation, the class becomes an open-lab format. If you have further questions contact your instructor.

80977 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Dey R	Closed
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### *Lifetime Fitness*

Note: All assignments and tests will be online. A heart rate monitor and activity tracker must be used to record exercise. For questions regarding this class, please e-mail the instructor, Lori Mallory.

## HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. Prerequisite: HPER 240.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_241\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80978 001 F2F	-----	-	08/19/19-12/15/19	GYM 103	Hall T	Closed
<i>Lifetime Fitness</i>						
80979 002 F2F	-----	-	08/19/19-12/15/19	GYM 103	Hall T	Closed
<i>Lifetime Fitness</i>						
81008 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Dey R	Closed
<i>Lifetime Fitness</i>						

Note: All assignments and tests will be online. A heart rate monitor and activity tracker must be used to record exercise. For questions regarding this class, please e-mail the instructor, Lori Mallory.

## HPER 245 - Elementary Physical Education

This course is designed to meet the needs of students who wish to teach in the area of elementary physical education and/or elementary education. This course will provide the students with knowledge and background in planning, classroom management techniques, teaching methodology, legal liability, evaluation, wellness, special students, sports, activities and games related to elementary physical education. The course will include observation and teaching. 3 hrs.lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_245\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81009 001 F2F	-T-R--	09:30-10:50 AM	08/20/19-12/15/19	GYM 021	Stinson J	Closed
	-T-R--	09:30-10:50 AM	08/20/19-12/15/19	GYM 125		
82472 376 HYB	-T-----	04:15-05:45 PM	08/20/19-12/15/19	GYM 003C	Stinson J	Closed
	-T-----	04:15-05:45 PM	08/20/19-12/15/19	GYM 021		
	-----	-	08/20/19-12/15/19	Online		

### *Mandatory Classroom Meetings*

Note: You must attend class on Tuesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online.

## HPER 250 - Introduction to Sports Management

The sport industry has become a dominant influence in American society, and is evolving at a dramatic rate. Students will be introduced to the dynamic nature of sport management and the potential for successful and satisfying career opportunities in the sport industry, as well as sport principles as they apply to management, leadership style, communication, and motivation. This course serves as a foundation for students' further studies in various subject areas. The primary focus of this course will be to provide an overview of the sport industry and cover basic fundamental knowledge and skill sets of the sports manager, as well as potential job employment and career choices in the field/profession of sport management, such as sport marketing, sport law, sport facility and event management, economics of sport, and sport finance. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_250\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81010 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Mallory L	Closed
Note: All assignments and tests will be online.						
81011 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Mallory L	Closed

Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online.

## HPER 255 - Introduction to Physical Education

This course will introduce the student to the field of physical education and sport. This course will discuss the historical, biomechanical, physiological and psychological foundations of physical education and sport. It will examine the role of physical activity as a means to help individuals acquire the skills, fitness levels and knowledge that contribute to the arena of physical development and organized competition. It will also discuss the role physical education and sports play in our society. Each individual

will develop a personal philosophy for physical education and sports. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_255](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81012 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Mallory L	Closed

Note: All assignments and tests will be done online.

81014 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Mallory L	Closed
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Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online.

## HPER 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to health, physical education, wellness or exercise, not usually taught in the curriculum, to interested and qualified students. Students may repeat Special Topics in Health and Wellness for credit but only on different topics.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hper/#HPER\\_292](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83106 350 ONLNE	-----	-	08/26/19-12/15/19	Online	Pulley T	Closed

This section's title is **Special Topics: Strength Conditioning and Wellness**.

Special Topics: Strength Conditioning and Wellness : This course is a blended course deliberately designed to provide further advancement in individual skill, team strategies, effective communication, sport psychology and conditioning for students and athletes. Physical activity tracking will be utilized in this course.

## Humanities

### HUM 122 - Introduction to Humanities

This interdisciplinary study begins with a look at artistic and technical elements of several art forms, including painting, sculpture, architecture, music, theater, film, dance and literature. Major themes expressed in the works and their reflection of the values of their culture are also examined.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_122](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80285 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 338	Chen S	Closed
80286 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 338	Chen S	Closed
80287 003 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 344	McCarty L	Closed
80288 004 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 344	Murphy J	Closed
80289 005 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 338	Chen S	Closed
80290 006 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 338	Chen S	Closed
80291 007 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 344	Robertson M	Closed
80292 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Garrett M	Closed
80293 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Garrett M	Closed
80295 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Domoney J	Closed
80296 354 ONLNE	-----	-	10/14/19-12/08/19	Online	McCarty L	Closed
83212 355 ONLNE	-----	-	10/14/19-12/08/19	Online	McCarty L	Closed

*General Education Designation*

83231 356 ONLNE	-----	-	12/11/19-01/08/20	Online	McCarty L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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General Education Designation

## HUM 145 - Introduction to World Humanities I

This course will acquaint students with the arts and ideas of the world's major civilizations, from antiquity through the Renaissance. The approach will be interdisciplinary, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_145](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80298 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Murphy J	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
83184 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Murphy J	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						

## HUM 150 - Islam: Religion & Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora; and Islam today. HUM 150 is the same course as HIST 150 and REL 150; enroll in one only.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_150](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80299 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Bevell Hull M	Closed
<i>Cultural Diversity Designation</i>						

## HUM 155 - Classical Mythology

This course provides a systematic study of the myths and epic cycles of the Greeks and Romans in both literature and art and investigates their survival and metamorphosis in the literature and visual arts of Western Europe. In addition, this course provides several methodological frameworks with which to analyze several types of tales and their relation to history, religion, rituals and art.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_155](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80300 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 344	Bailes K	Closed
80301 002 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 344	Robertson M	Closed
80302 003 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 338	Norcott-Mahany B	Closed
80303 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Norcott-Mahany B	Closed
80304 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Norcott-Mahany B	Closed

## HUM 156 - Contemporary Approaches to World Mythology

This course provides a systematic study of world mythologies, where they appear in literature and art and their survival and metamorphosis in contemporary culture. The course provides several methodological frameworks with which to analyze myths and their relation to history, religion, ritual and art. Through the study and comparison of world mythologies, students are encouraged to evaluate their own perspectives and experiences in the context of human diversity.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_156](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80305 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 344	Bailes K	Closed

*Cultural Diversity Designation*  
*General Education Designation*

## HUM 165 - Introduction to Chinese Culture

The course acquaints students with the ideas, culture, and arts of China, from its prehistory through the present day, using a thematic structure that reflects the interplay of diversity and unity that characterizes Chinese culture and history in ways that simultaneously conflict with and complement each other. The approach is interdisciplinary, examining a long tradition of philosophy and religion that permeates all aspects of Chinese life, the values embodied in various traditional and modern arts, and how nature, the environment and issues of sustainability are understood via Chinese schools of thought. In addition to developing students' appreciation of China's contribution to world culture, the course aims to enhance students' understanding of the contemporary world.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hum/#HUM\\_165](http://catalog.jccc.edu/coursedescriptions/hum/#HUM_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80306 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Chen S	Closed

## Heating,Vent.,Air Conditioning

### HVAC 105 - HVAC Fundamentals

This is a beginning course in heating, ventilation and air conditioning technology that is appropriate for HVAC students. Upon successful completion of this course, the student should be able to identify the basic components of an air-conditioning system. Topics will include heat laws, refrigerants, oils and refrigeration cycles. In the lab, students will design, assemble and operate a working refrigeration system. Competencies will include brazing, wiring, evacuating and charging a system. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 4**

**Associated Costs:** \$30-100

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_105](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_105))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81066 001 F2F	M-W----	08:00-09:20 AM	08/19/19-12/15/19	CTE 231	Hendren H	Closed
	<b>Lab</b> M-W----	09:30-10:50 AM	08/19/19-12/15/19	CTE 115		
<i>SB 155 Excel in CTE</i>						
81070 002 F2F	M-W----	11:30-12:50 PM	08/19/19-12/15/19	CTE 231	Clyde J	Closed
	<b>Lab</b> M-W----	01:00-02:20 PM	08/19/19-12/15/19	CTE 115		
<i>SB 155 Excel in CTE</i>						
81078 004 F2F	-T-R---	06:00-07:20 PM	08/20/19-12/15/19	CTE 231	Kessell G	Closed
	<b>Lab</b> -T-R---	07:30-08:50 PM	08/20/19-12/15/19	CTE 115		
<i>SB 155 Excel in CTE</i>						

### HVAC 110 - Electrical Fundamentals

This course is in electrical theory and is required for HVAC but is appropriate for all interested students. Common electrical components found in the HVAC industry are used to develop these skills. Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours: 4**

**Associated Costs:** \$30-150

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_110](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81067</b> 001 F2F	M-W----	11:30-12:40 PM	08/19/19-12/15/19	CTE 229	Lamping J	<b>Closed</b>
	<b>Lab</b> M-W----	12:50-02:20 PM	08/19/19-12/15/19	CTE 229		
<i>SB 155 Excel in CTE</i>						
<b>81071</b> 002 F2F	M-W----	02:30-03:50 PM	08/19/19-12/15/19	CTE 229	Lamping J	<b>Closed</b>
	<b>Lab</b> M-W----	04:00-05:20 PM	08/19/19-12/15/19	CTE 229		
<i>SB 155 Excel in CTE</i>						
<b>81075</b> 003 F2F	M-W----	08:00-09:20 AM	08/19/19-12/15/19	CTE 229	Clyde J	<b>Closed</b>
	<b>Lab</b> M-W----	09:30-10:50 AM	08/19/19-12/15/19	CTE 229		
<i>SB 155 Excel in CTE</i>						
<b>81079</b> 004 F2F	M-W----	06:00-07:20 PM	08/19/19-12/15/19	CTE 229	Kruse S	<b>Closed</b>
	<b>Lab</b> M-W----	07:30-08:50 PM	08/19/19-12/15/19	CTE 229		
<i>SB 155 Excel in CTE</i>						

### HVAC 136 - Heating System Fundamentals

Upon successful completion of this course, the student should be able to identify all the components and accessories in residential heating systems. Emphasis will be on the electrical diagrams and mechanical principles. Practical instruction in service diagnostic procedures for efficient operation, maintenance and troubleshooting of these systems make up the lab portion of the course. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

**Credit Hours:** 3

**Associated Costs:** \$30-150

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_136](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_136))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81068</b> 001 F2F	-T-R--	08:00-08:50 AM	08/20/19-12/15/19	CTE 229	Steinmetz M	<b>Closed</b>
	<b>Lab</b> -T-R--	09:00-10:20 AM	08/20/19-12/15/19	CTE 113		
<i>SB 155 Excel in CTE</i>						
<b>81072</b> 002 F2F	-T-R--	11:30-12:20 PM	08/20/19-12/15/19	CTE 229	Lamping J	<b>Closed</b>
	<b>Lab</b> -T-R--	12:30-01:50 PM	08/20/19-12/15/19	CTE 113		
<i>SB 155 Excel in CTE</i>						
<b>81080</b> 004 F2F	-T-R--	06:00-06:50 PM	08/20/19-12/15/19	CTE 229	Leone N	<b>Closed</b>
	<b>Lab</b> -T-R--	07:00-08:20 PM	08/20/19-12/15/19	CTE 113		
<i>SB 155 Excel in CTE</i>						

### HVAC 164 - EPA 608 Refrigerant Management

The student should have a complete understanding and knowledge of the characteristics of several different types of refrigerants and the correct usage. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. Prerequisite: HVAC 105 and HVAC 110.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_164](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82289</b> 001 F2F	-----S-	08:00-05:00 PM	09/07/19-09/14/19	CTE 231	Leone N	<b>Closed</b>
<b>82290</b> 002 F2F	-----S-	08:00-05:00 PM	09/21/19-09/28/19	CTE 231	Kessell G	<b>Closed</b>
<b>83201</b> 003 F2F	-----S-	08:00-05:00 PM	11/16/19-11/23/19	CTE 231	Hendren H	<b>Closed</b>

## HVAC 165 - 410-A Refrigerant Management

Upon completion of this course, the students should be able to understand nuances of new refrigerants on the market. The student should have a complete understanding and knowledge of the characteristics of R-410-A. Upon completion of this course, the student should be able to pass the examination set forth by a third-party testing facility. 1 hr. lecture/wk.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_165](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_165))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82291 001 F2F	----S-	08:00-05:00 PM	10/19/19-10/26/19	CTE 231	Kessell G	Closed
83172 002 F2F	---F--	08:00-05:00 PM	11/15/19-11/22/19	CTE 231	Hendren H	Closed

## HVAC 167 - Sheet Metal Layout and Fabrication

Upon successful completion of this course, the student should be able to identify the components, equipment and operation for sheet metal layout and fabrication. Practice problems are included at the end of each unit in order to provide the student with an opportunity to apply the methods attained by sheet metal layout. Shop facilities are available. The patterns will be fabricated and joined into a line of fittings. This gives the most complete test of pattern accuracy and also provides the experience needed by a competent layout person. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_167](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_167))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81069 001 F2F	-T-R---	11:30-12:20 PM	08/20/19-12/15/19	CTE 231	Hendren H	Closed
	Lab -T-R---	12:30-01:50 PM	08/20/19-12/15/19	CTE 122		
<i>SB 155 Excel in CTE</i>						
81073 002 F2F	-T-R---	02:30-03:20 PM	08/20/19-12/15/19	CTE 231	Hendren H	Closed
	Lab -T-R---	03:30-04:50 PM	08/20/19-12/15/19	CTE 122		
<i>SB 155 Excel in CTE</i>						
81077 003 F2F	-T-R---	08:00-08:50 AM	08/20/19-12/15/19	CTE 231	Hendren H	Closed
	Lab -T-R---	09:00-10:20 AM	08/20/19-12/15/19	CTE 122		
<i>SB 155 Excel in CTE</i>						

## HVAC 210 - Plumbing Fundamentals

This is an introductory course in plumbing technology that is appropriate for HVAC students. Upon successful completion of this course, the student should be able to identify and repair most of the basic components in a plumbing system. Topics will include soldering and brazing, plumbing repair, sizing of water distribution lines, including drain, waste and vent (DWV) piping, and supply water lines. Instruction includes examining the International Plumbing Code (IPC) and International Fuel Gas Code (IFGC). Prerequisite: HVAC

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_210](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81082 001 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	ITC 181	Clyde J Rieck P	Closed
	Lab M-W----	07:00-08:20 PM	08/19/19-12/15/19	CTE 239		
<i>SB 155 Excel in CTE</i>						

## HVAC 250 - HVAC Installation and Start-up Procedures

Upon successful completion of this course, the student will be able to identify techniques and procedures to install new systems and retrofit systems. Topics include initial start-up, maintenance of furnaces and air conditioners, electrical requirements, permits and inspections, combustion air, sheet metal and applying mechanical standards. Prerequisite or Corequisite: HVAC 136 and HVAC 201.

**Credit Hours:** 3

**Associated Costs:** \$30-150

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_250](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_250))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81081 001 F2F	M-W----	06:00-06:50 PM	08/19/19-12/15/19	CTE 231	Lamping J	Closed
	Lab M-W----	07:00-08:20 PM	08/19/19-12/15/19	CTE 113		

SB 155 Excel in CTE

## HVAC 280 - HVAC Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work environment. The internship will provide the students with an on-the-job experience under the supervision of industry professionals. The work will be developed in cooperation with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals in the HVAC field. Minimum 15 hrs. per week on-the-job training. This is a repeatable course and may be taken more than once for credit. Prerequisite: Department approval.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC\\_280](http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_280))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81237 501 INT	-----	-	08/19/19-12/15/19		Hendren H	8 of 10
						SB 155 Excel in CTE Requirement: Department approval
81238 502 INT	-----	-	08/19/19-12/15/19		Lamping J	10 of 10
						SB 155 Excel in CTE Requirement: Department approval
81239 503 INT	-----	-	08/19/19-12/15/19		Lamping J	4 of 8
						SB 155 Excel in CTE Requirement: Department approval

## Industrial Technology

### INDT 125 - Industrial Safety/OSHA 30

Upon successful completion of this course, participants will be able to clearly identify, define and explain general industry hazards and acceptable corrective measures in accordance with the 29th Code of Federal Regulations, Part 1910 (29 CFR 1910), Occupational Safety & Health Administration (OSHA) General Industry Regulations. The OSHA course-completion card can be earned simultaneously with completion of this college course, at the discretion of the student and fulfillment of OSHA's requirements.

**Credit Hours:** 3

**Associated Costs:** \$5-\$20

Outline ([http://catalog.jccc.edu/coursedescriptions/indt/#INDT\\_125](http://catalog.jccc.edu/coursedescriptions/indt/#INDT_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82573 001 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	ITC 183	Gilmore S	Closed
						SB 155 Excel in CTE
82574 002 F2F	-----S-	08:00-05:30 PM	09/07/19-10/05/19	CTE 233	Burks D	Closed
						SB 155 Excel in CTE
82577 003 F2F	----F--	09:00-11:50 AM	08/23/19-12/15/19	ITC 187	Gilmore S	Closed
						SB 155 Excel in CTE
82578 004 F2F	M-W----	02:30-03:50 PM	08/19/19-12/15/19	ITC 181	Gilmore S	Closed
						SB 155 Excel in CTE

### INDT 150 - Construction Safety/OSHA 30

Upon the successful completion of this course, participants will be able to clearly identify, define and explain Construction Industry hazards and acceptable corrective measures in accordance with the 29th Code of Federal Regulations, Part 1926 (29 CFR 1926), Occupational Safety and Health Administration (OSHA) Construction Industry Regulations. The OSHA course completion card can be earned simultaneously with completion of this college course, at the discretion of the student and fulfillment of OSHA's requirements. 3 hrs. lecture/wk.

**Credit Hours: 3**

**Associated Costs: \$5-\$20**

Outline ([http://catalog.jccc.edu/coursedescriptions/indt/#INDT\\_150](http://catalog.jccc.edu/coursedescriptions/indt/#INDT_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82575 001 F2F	----F--	01:00-03:50 PM	08/23/19-12/15/19	ITC 187	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						

## Information Technology

### IT 120 - CompTIA A+ Practical Applications

Students will gain knowledge required to install, configure and maintain software for end users. This course will also cover the basics of networking as well as networking security/forensics. Students will apply troubleshooting skills to properly and safely diagnose, resolve and document common software issues. Students will also apply appropriate customer support and soft skills, understand the basics of virtualization and examine desktop imaging and deployment. 2 hrs. lecture/wk, 2 hrs. lab/wk, 1 hr. open lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_120](http://catalog.jccc.edu/coursedescriptions/it/#IT_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80294 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Lutz A	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
80297 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Lutz A	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken following ELEC 186-350 (80096) CompTIA A+ Essentials to align with the A+ Certification. You can progress at your pace and complete it in 8 weeks or less based on your mastery of the course objectives. For more information, contact Andrew Lutz at <a href="mailto:alutz4@jccc.edu">alutz4@jccc.edu</a> or 913-469-8500 ext. 2213.						
83103 352 ONLNE	-----	-	08/26/19-12/15/19	Online	Lutz A	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
80317 376 HYB	-T-----	01:00-02:50 PM	08/20/19-12/15/19	RC 340	Holdsworth R	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
80321 377 HYB	-T-----	06:00-07:50 PM	08/20/19-12/15/19	RC 346	Hauptman P	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
80324 378 HYB	----F--	06:00-07:50 PM	08/23/19-12/15/19	RC 340	Tamez A	Closed
	-----	-	08/23/19-12/15/19	Online		
<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

### IT 140 - Networking Fundamentals

Networking Fundamentals is the first of four courses in the Cisco Certified Network Associate (CCNA) curriculum. This course introduces the architecture, structure, functions, components, and models of the internet and other computer networks. The principles and structure of Internet Protocol (IP) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, students will be able to build simple Local Area Network (LANs), perform basic configurations for routers and switches, and implement IP addressing schemes.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_140](http://catalog.jccc.edu/coursedescriptions/it/#IT_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80327 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
80328 351 ONLNE	-----	-	08/19/19-10/13/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken in the same semester with IT145-350 (80340) Routing and Switching Essentials to align with the Cisco entry level CCENT Certification. You can progress at your pace and complete it in 8 weeks or less based on your mastery of the course objectives. For more information, contact Mazen Akkam at <a href="mailto:makkam@jccc.edu">makkam@jccc.edu</a> or 913-469-8500 ext. 3348.						
80330 376 HYB	M-----	01:00-02:50 PM	08/19/19-12/15/19	RC 350	Lutz A	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
80333 377 HYB	M-----	06:00-07:50 PM	08/19/19-12/15/19	RC 350	Wehr W	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80334 378 HYB	-T-----	10:00-12:50 PM	08/20/19-10/08/19	RC 350	Renfro T	Closed
	-----	-	08/20/19-10/08/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
80335 379 HYB	-T-----	01:00-02:50 PM	08/20/19-12/15/19	RC 350	Al-Rawi A	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
80336 380 HYB	--W----	10:00-11:50 AM	08/21/19-12/15/19	RC 350	Akkam M	Closed
	-----	-	08/21/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80337 381 HYB	--W----	06:00-07:50 PM	08/21/19-12/15/19	RC 350	Syed M	Closed
	-----	-	08/21/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80338 382 HYB	---R---	10:00-11:50 AM	08/22/19-12/15/19	RC 350	Holdsworth R	Closed
	-----	-	08/22/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## IT 145 - Routing and Switching Essentials

This course is designed to provide students with a fundamental understanding of network routing and switching. Students successfully completing this course will be able to configure and troubleshoot routers and switches and resolve common issues with Routing Information Protocol (RIP), Access Control Lists (ACLs), Dynamic Host Configuration Protocol (DHCP), Network Address Translation (NAT), Virtual Local Area Networks (VLANs) and inter-VLAN routing in Internet Protocol version 4 and 6 (IPv4 and IPv6) networks. Laboratory exercises will accompany lectures. Prerequisite: IT 140.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_145](http://catalog.jccc.edu/coursedescriptions/it/#IT_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80340 350 ONLNE	-----	-	10/14/19-12/08/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken following IT140-351 (80328) Networking Fundamentals to align with the Cisco entry level CCENT Certification. You can progress at your pace and complete it in 8 weeks or less based on your mastery of the course objectives. For more information contact Mazen Akkam at makkam@jccc.edu or 913-469-8500 ext. 3348.						
80341 376 HYB	-T-----	10:00-11:50 AM	08/20/19-12/15/19	RC 352	Akkam M	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80342 377 HYB	---R---	06:00-07:50 PM	08/22/19-12/15/19	RC 352	Peterson M	Closed
	-----	-	08/22/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## IT 175 - Cybersecurity Fundamentals

This course is designed to provide students with the knowledge and skills required to install and configure systems to secure applications, networks and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws and regulations. Students will perform these tasks to support the principles of confidentiality, integrity and availability. Prerequisite: (IT 120 or IT 205) and IT 140.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_175](http://catalog.jccc.edu/coursedescriptions/it/#IT_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82618 376 HYB	-T-----	06:00-07:50 PM	08/20/19-12/15/19	RC 352	Al-Rawi A	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						

## IT 201 - Network Security Fundamentals

This course is designed to provide an introduction to the core security concepts and skills needed for the installation, troubleshooting and monitoring of network devices to maintain the integrity, confidentiality and availability of data and devices. Topics covered include network threats, mitigation techniques, securing network devices, implementing firewall technologies, implementing intrusion prevention, securing local area networks (LANs), implementing virtual private networks (VPNs), and managing a secure network. Hands-on exercises will be used to reinforce the concepts. Prerequisite: IT 145.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_201](http://catalog.jccc.edu/coursedescriptions/it/#IT_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80343 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## IT 205 - Implementing Windows Client

The focus of this course is the use of Microsoft Windows as an operating system in a business environment. Planning a simple network system, installation and configuration of the software and hardware, resource management, connectivity, running application software under Windows, monitoring and optimizing system hardware and troubleshooting all lead the student to a deeper understanding of local area network use and administration.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_205](http://catalog.jccc.edu/coursedescriptions/it/#IT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80344 376 HYB	M-----	10:00-11:50 AM	08/19/19-12/15/19	RC 340	Gordon J	Closed
	-----	-	08/19/19-12/15/19	Online		



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
80345 377 HYB	-T-----	06:00-07:50 PM	08/20/19-12/15/19	RC 340	Gordon J	Closed
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80351 378 HYB	--W----	01:00-02:50 PM	08/21/19-12/15/19	RC 340	Gordon J	Closed
	-----	-	08/21/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## IT 209 - Scaling Networks

This course is designed to provide students with the necessary knowledge and skills to interconnect and configure routers and switches in large networks. Students successfully completing this course should be able to perform switch and router administration tasks including installing, configuring and troubleshooting. Students will build networks based on the hierarchical design model supported by Virtual Local Area Networks (VLANs), VLAN Trunking Protocol (VTP), Spanning Tree Protocol (STP), Etherchannel, Hot Standby Redundancy Protocol (HSRP), Open Shortest Path First (OSPF) and Enhanced Interior Gateway Routing Protocol (EIGRP) in Internet Protocol version 4 and 6 (IPv4 and IPv6) networks. Prerequisite: IT 145.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_209](http://catalog.jccc.edu/coursedescriptions/it/#IT_209))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80352 376 HYB	M-----	06:00-07:50 PM	08/19/19-12/15/19	RC 352	Al-Rawi A	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## IT 221 - Windows Server

This course is designed to provide students with the knowledge and skills to perform competently in the role of a network administrator utilizing the Windows network operating system. Students who complete this course will be able to accomplish fundamental network management tasks, including planning server roles, configuring the network file system, managing user accounts, implementing network printing and monitoring performance. Prerequisite or Corequisite: IT 120 or IT 205.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_221](http://catalog.jccc.edu/coursedescriptions/it/#IT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80353 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Carney R	Closed
<i>SB 155 Excel in CTE</i>						
80355 376 HYB	M-----	06:00-07:50 PM	08/19/19-12/15/19	RC 346	Carney R	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## IT 225 - Windows Active Directory Services

This course is designed to provide the fundamental networking skills required to deploy and support Windows Server and implement Active Directory (AD) in most organizations. It covers IP fundamentals, remote access technologies and more advanced content including Software Defined Networking. Prerequisite: IT 221.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_225](http://catalog.jccc.edu/coursedescriptions/it/#IT_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80356 376 HYB	-T-----	01:00-02:50 PM	08/20/19-12/15/19	RC 346	Carney R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/20/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to perform Linux installation and package management; execute common Linux commands and utilities; and accomplish different system tasks such as navigating the filesystem and utilizing the resources of a basic Linux system.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_230](http://catalog.jccc.edu/coursedescriptions/it/#IT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80358</b> 376 HYB	M-----	01:00-02:50 PM	08/19/19-12/15/19	RC 340	Gordon J	<b>Closed</b>
	-----	-	08/19/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
<b>80359</b> 377 HYB	M-----	06:00-07:50 PM	08/19/19-12/15/19	RC 340	Golden T	<b>Closed</b>
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<b>80360</b> 378 HYB	--W----	10:00-11:50 AM	08/21/19-12/15/19	RC 340	Gordon J	<b>Closed</b>
	-----	-	08/21/19-12/15/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
<b>80362</b> 379 HYB	---R---	06:00-07:50 PM	08/22/19-12/15/19	RC 346	Sien H	<b>Closed</b>
	-----	-	08/22/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## IT 231 - Linux Administration

This course is designed to provide students with the necessary knowledge and skills to perform competently as a Linux system administrator. Students successfully completing this course should be able to perform basic system administration tasks including configuring the graphical user interface, managing user accounts, managing system logging, configuring basic networking, writing shell scripts and maintaining system security. Prerequisite: IT 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_231](http://catalog.jccc.edu/coursedescriptions/it/#IT_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80363</b> 376 HYB	M-----	10:00-11:50 AM	08/19/19-12/15/19	RC 346	Al-Rawi A	<b>Closed</b>
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<b>80364</b> 377 HYB	--W----	06:00-07:50 PM	08/21/19-12/15/19	RC 340	Golden T	<b>Closed</b>
	-----	-	08/21/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

## IT 239 - Ethical Hacking

This course introduces students to common computer vulnerabilities as well as exploits and techniques used by hackers. Students will develop countermeasures to mitigate attacks and strengthen system security. Topics covered include vulnerability scanning, social engineering, denial of service attacks, intrusion detection, buffer overflow and penetration testing. Prerequisite: IT 145 and IT 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_239](http://catalog.jccc.edu/coursedescriptions/it/#IT_239))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80365 376 HYB	--W----	06:00-07:50 PM	08/21/19-12/15/19	RC 352	Al-Rawi A	Closed
	-----	-	08/21/19-12/15/19	Online		

*Mandatory Classroom Meetings*  
*SB 155 Excel in CTE*

## IT 245 - Network Infrastructure

This course teaches IT administrators how to deploy and configure Active Directory Domain Services (ADDS) in a distributed environment, implement Group Policy, perform backups and restore, and monitor and troubleshoot Active Directory?related issues with Windows Server 2016. Additionally, this course teaches students to deploy other Active Directory server roles, such as Active Directory Federation Services (ADFS) and Active Directory Certificate Services (ADCS). Prerequisite: IT 221.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_245](http://catalog.jccc.edu/coursedescriptions/it/#IT_245))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80369 376 HYB	M-----	01:00-02:50 PM	08/19/19-12/15/19	RC 346	Carney R	Closed
	-----	-	08/19/19-12/15/19	Online		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

80371 377 HYB	--W----	06:00-07:50 PM	08/21/19-12/15/19	RC 346	Mortell G	Closed
	-----	-	08/21/19-12/15/19	Online		

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

## IT 247 - Accessing Wide Area Networks

The focus of this course is on the Wide Area Network (WAN) technologies and network services required by converged applications in a complex network. In this course, students will learn the selection criteria of network devices and WAN technologies to meet network requirements. Prerequisite: IT 145 and IT 209.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_247](http://catalog.jccc.edu/coursedescriptions/it/#IT_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80372 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Al-Rawi A	Closed

*SB 155 Excel in CTE*  
*Mandatory Classroom Meetings*

## IT 272 - Information Technology Internship II

This course is a continuation of IT 271, Internship I. It provides the student additional opportunity to apply classroom knowledge to an actual work environment. Students will work a total of 300 hours per semester at an approved job site. Prerequisite: IT 271 and department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/it/#IT\\_272](http://catalog.jccc.edu/coursedescriptions/it/#IT_272))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80375 500 INT	-----	-	08/19/19-12/15/19		Lutz A	2 of 8

*SB 155 Excel in CTE*  
Requirement: Department approval

## Interior Design

## ITMD 121 - Interior Design I

This course is an introduction to interior design. Upon successful completion of this course, the student should recognize the significance of interior design, apply the elements and principles of design and color theory, use the basis of the design process to solve a design problem and present design information visually and verbally in a professional manner. Finally identify the significance of sustainability in the built environment.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$75

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_121\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
81200 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	04:30-05:45 PM	08/19/19-12/15/19	GEB 356	Boyd R	Closed
81202 002 F2F <i>SB 155 Excel in CTE</i>	-T-----	06:00-08:45 PM	08/20/19-12/15/19	GEB 356	Wilson J	Closed
81203 003 F2F <i>SB 155 Excel in CTE</i>	---R---	09:00-11:45 AM	08/22/19-12/15/19	GEB 356	Grube K	Closed
81204 004 F2F <i>SB 155 Excel in CTE</i>	M-----	09:00-11:45 AM	08/19/19-12/15/19	GEB 356	Hersch A	Closed
83101 005 F2F <i>SB 155 Excel in CTE</i>	--W----	09:00-11:45 AM	08/21/19-12/15/19	GEB 356	Hersch A	Closed

## ITMD 125 - Interior Textiles

This course is an examination of textiles used in the built environment. Upon successful completion of this course, the student should be able to differentiate fibers, yarns and textiles according to their specific characteristics and to select appropriate textiles for applications. Specific course content includes properties and characteristics of natural and man-made fibers; yarn construction, textile construction methods; and various finishing processes. Furthermore, students will study the sustainability of these textile elements. The course will concentrate on textiles designed for interior built environment applications.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_125\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81205 001 F2F <i>SB 155 Excel in CTE</i>	-T-----	09:00-11:45 AM	08/19/19-12/15/19	GEB 356	Green D	Closed
83102 002 F2F <i>SB 155 Excel in CTE</i>	---R---	06:00-08:50 PM	08/22/19-12/15/19	GEB 356	Wilson J	Closed
81206 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Green D	Closed

## ITMD 127 - Elements of Floral Design

This course provides in-depth knowledge and hands-on application of floral design. Upon successful completion of this course, the student should be able to use the principles of floral design, develop a proficiency in the techniques of line and mass arrangements, possess a greater appreciation for flowers and other plant material, apply the mechanics and design considerations involved in working with silk and dried materials, and design and create silk and dried floral arrangements.

**Credit Hours: 1**

**Associated Costs:** \$100 to 150

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_127\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81232 001 F2F <i>SB 155 Excel in CTE</i>	---R---	06:00-07:50 PM	08/22/19-10/10/19	GEB 361	Goodwin N	Closed

## ITMD 129 - Design Communication

This is an intermediate course focusing on artistic presentation techniques of 2D and 3D. Manual and digital drawing methods used in the interior design profession will be explored. Upon successful completion of this course, the student should demonstrate skill in conceptual and technical processes to convey visual information. Color palette use, light source and shading, surface and detail texturing and entourage will be used to successfully illustrate design solutions. Additionally the student will organize and demonstrate visual and verbal presentations to communicate a design solution. Prerequisite: ITMD 121 with a grade of "C" or higher and DRAF 164 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$75 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_129](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81207 002 F2F	--W----	12:30-03:50 PM	08/21/19-12/15/19	GEB 356	Grube K	Closed

## ITMD 132 - Materials and Resources

This course is an intermediate course focusing on the materials and resources used in the built environment. The student will evaluate the quality of materials; demonstrate the ability to locate and use product information resources; identify manufacturing and construction techniques used in products; recognize the sustainability and environmental impact of materials; use correct terminology to describe the various types of materials; and compare the design, use, durability and cost of materials.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_132](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81208 001 F2F	----F--	09:00-11:50 AM	08/23/19-12/15/19	GEB 351A	Grube K	Closed
<i>SB 155 Excel in CTE</i>						
83096 002 F2F	-T-----	01:00-03:45 PM	08/20/19-12/15/19	GEB 351A	Hersch A	Closed
<i>SB 155 Excel in CTE</i>						
81209 350 ONLNE	-----	-	08/19/19-12/15/19		Kalkofen B	Closed
<i>SB 155 Excel in CTE</i>						

## ITMD 185 - Construction Methods, Building Systems and Regulations for the Interior Designer

This course will focus on construction methods, building systems and regulations that affect the interior designer. Upon successful completion of this course, the student should be able to identify and articulate various construction assemblies, recognize building systems vs. interior systems and define the impact on the built environment, and understand regulations affecting the built environment. Furthermore, students will understand construction documents related to these portions of the built environment. Additionally, the student will be able to define and use vocabulary related to the built environment as well as identify and explain the importance of sustainable components in these portions of the built environment. Prerequisite: DRAF 164 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_185](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81210 001 F2F	---R---	08:00-10:50 AM	08/22/19-12/15/19	GEB 351A	Green D	Closed
<i>SB 155 Excel in CTE</i>						

## ITMD 202 - Interior Design II

This course focuses on the design process. Upon successful completion of this course, the student should be able to define and apply the design process from programming through design development to effectively solve a design problem. The design solutions will also incorporate anthropometrics, proxemics and universal design elements. The course will introduce students to varying psychological dynamics and how they will affect the built environment. Furthermore, the student will incorporate National Kitchen and Bath (NKBA) standards and sustainable concepts as required for the design solution. Design solutions will be presented in verbal and visual formats appropriate for interior design. Prerequisite: ITMD 121 with "C" or higher and DRAF 164 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$50-\$75

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_202\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81211 001 F2F	---R---	12:15-03:45 PM	08/22/19-12/15/19	GEB 356	Green D	Closed

*SB 155 Excel in CTE*

### ITMD 215 - Environmental Systems for the Interior Designer

This is an intermediate course focusing on environmental systems such as: lighting design, acoustical design, thermal design and indoor air quality as it effects the interior designer's decisions in the built environment. Upon successful completion of this course, the student should be able to define and use vocabulary relating to environmental systems, recognize and explain environmental systems application and technology, and understand environmental systems impact on human behavior. The student should be able to identify and describe proper fixtures and equipment for lighting environmental systems and understand proper designs for specific applications. Furthermore, students will learn the significant impact sustainable practices have on environmental systems. Prerequisite: ITMD 185 with a grade of "C" or higher.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_215\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81215 001 F2F	--W----	09:00-11:45 AM	08/21/19-12/15/19	GEB 361	Kalkofen B	Closed

*SB 155 Excel in CTE*

### ITMD 219 - Issues in Interior Design

This course is designed to educate the student on the current issues that affect the interior design profession such as environmental design, green/sustainable design and universal design, etc. These topics may vary based on current industry concerns. Upon successful completion of this course, the student should be able to identify, explain and analyze ramifications to the industry that arise from the economy, politics and social culture. Prerequisite: ITMD 121 with a grade of "C" or higher.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_219\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_219)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81216 376 HYB	M-----	09:00-11:45 AM	08/19/19-12/15/19	GEB 351A	Grube K	Closed
	-----	-	08/19/19-12/15/19	Online		

### ITMD 222 - Interior Design III

This is an advanced course focusing on applying the design process to solve a design problem. The design process will be practiced from beginning to end in order to formulate a complete design solution. Upon successful completion of this course, the student should be able to proficiently apply the design process in layout and specification formats. In addition, the student will present aesthetic and technical information as required by the design problem. Students will also incorporate the use of sustainable guidelines to solve a design problem. The student will also demonstrate an understanding of business practices. Prerequisite: ITMD 202 with a grade of "C" or higher and DRAF 264 with a grade of "C" or higher. Prerequisite or Corequisite: ITMD 129 with a grade of "C" or higher and ITMD 271 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$50-\$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_222\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81218 001 F2F	M-----	12:30-03:50 PM	08/19/19-12/15/19	GEB 356	Grube K	Closed

*SB 155 Excel in CTE*

### ITMD 230 - History of Interior Design I

This course is an examination of the built environments from approximately Antiquity to Renaissance. Upon successful completion of this course, the student should be able to analyze and compare elements of the built environment to include but are not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from antiquity to the Renaissance. Additionally, the student should be able to discover the religious, political and social influences on the built environment each period. The student should also be able to identify and define the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era. 3hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_230](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81220 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Green D	Closed

*SB 155 Excel in CTE*

### ITMD 231 - History of Interior Design II

This course is an examination of the built environments from approximately the Renaissance to the 20th century. Upon successful completion of this course, the student will be able to analyze and compare elements of the built environment including but not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from the Renaissance to the 20th century. Additionally, the student should discover the social, religious and political influences on the built environment of each period. The student should also be able to identify the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_231](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81222 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Green D	Closed

*SB 155 Excel in CTE*

### ITMD 233 - Kitchen and Bath Basics

This is an introductory course in kitchen and bath design and planning. Upon successful completion of this course, the student should be able to define and use proper vocabulary related to kitchen and bath design and construction, identify current design trends in the kitchen and bath industry, understand proper NKBA kitchen and bath access standards and planning guidelines, identify cabinetry styles, types and construction methods, possess basic understanding of metric and imperial measurements, and a basic knowledge of technologies used in kitchen and bath planning, and finally understand the basic business management forms for the kitchen and bath industry. Students will also analyze sustainability in the kitchen and bath industry. Prerequisite: DRAF 264 with a grade of "C" or higher and ITMD 202 with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_233](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81223 001 F2F	-T-----	09:00-11:45 AM	08/20/19-12/15/19	GEB 351A	Grube K	Closed

*SB 155 Excel in CTE*

### ITMD 271 - Budgeting and Estimating

Upon successful completion of this course, the student will demonstrate an ability to measure accurately for project components, apply cost parameters to project components, effectively prepare material and labor cost estimate analysis, understand cost controls such as value engineering, and evaluate sustainable material and labor cost. Students will use interior design business procedures and documents to complete project analysis. Prerequisite: ITMD 132 with a grade of "C" or higher and ITMD 125 with a grade of "C" or higher and MATH 120 (or higher) with a grade of "C" or higher.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_271](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81224 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Kalkofen B	Closed

*SB 155 Excel in CTE*

### ITMD 282 - Interiors Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 160 hours per semester of on-the-job training is required. Prerequisite: ITMD 121 with a grade of "C" or higher.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_282\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81225 500 INT	-----	-	08/19/19-12/15/19		Kalkofen B	9 of 16
<i>SB 155 Excel in CTE</i>						

### ITMD 284 - Interiors Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 160 hours per semester of on-the-job training is required. Prerequisite: ITMD 121 with a grade of "C" or higher.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD\\_284\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81226 500 INT	-----	-	08/19/19-12/15/19		Kalkofen B	1 of 8
<i>SB 155 Excel in CTE</i>						

### Journalism/Media Communication

#### JOUR 120 - Mass Media and Society

Each of us is exposed to and affected by the mass media on a daily basis. This course is designed to increase students' awareness of the various media and media's impact on their daily beliefs, opinions, decisions and goals. As a result, students will become more media literate and astute critics of media messages.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_120\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80739 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
80740 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
80741 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
80742 004 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
80743 005 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
80744 006 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 314	Ziegler L	Closed
<i>KBOR Seamless Transfer</i>						
80745 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
80746 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
83210 355 ONLNE	-----	-	12/11/19-01/08/20	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

#### JOUR 122 - News Writing and Reporting



News Writing and Reporting prepares students who want to gain basic news-gathering and reporting skills across print, broadcast and online media platforms. Interviewing, researching and story writing under strict deadlines provide students with strong experiences in the storytelling process. News writing and style principles will be gained through stories produced for campus student media.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_122](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80750 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	LIB 357	Price M	Closed

## JOUR 125 - Fundamentals of Advertising

Fundamentals of Advertising introduces the student to the contemporary advertising process. Research, planning, creativity, production and media scheduling are discussed, along with individual mediums and their forms, functions and roles in society. Major emphasis is placed on advertising and integrated marketing research, planning and creativity.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_125](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80751 001 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 314	Thum G	Closed

*SB 155 Excel in CTE*

## JOUR 130 - Principles of Public Relations

This course is intended to provide the student with an overview of the history, principles and real-life functions of public relations. Public relations is a rapidly growing field. The ability to communicate well with the public is essential in business, education, health care and numerous other fields. This course is designed to give students the background to develop their PR skills.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_130](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80753 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 314	Thum G	Closed
80754 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Thum G	Closed

## JOUR 145 - Photojournalism

This course is designed to meet the photographic needs of journalism students. It provides a journalistic approach to the concepts and application of photography for multimedia. Students will use cameras, computers and software to master the issues, concepts and constraints involved in creating images for a broad range of media. They will prepare and format digitized image files for storage and transmission, and print and Web-based reproduction.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_145](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80755 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 357	Price M	Closed

## JOUR 202 - Broadcast Performance

Students will learn how to improve their speaking voices and body language as well as the techniques necessary to effectively communicate messages through basic announcing skills. Interviewing, radio and television news, and commercial announcing are some of the topics covered in this course, which will allow students to polish their skills through performances in the college's television studio and on campus media.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_202\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82583 001 F2F	-T-R---	02:00-03:15 PM	08/19/19-12/15/19	COM 252	Nichols J	Closed

### JOUR 207 - Radio Production

This course provides students with the fundamentals of Internet radio production. The goal is to teach students basic techniques in audio console functions, program formats, and editing using computer software. Writing, producing, and performing are included. Students will gain hands-on experience through exposure to the campus radio station, ECAV.

**Credit Hours: 3**

**Associated Costs:** \$10 to 25

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_207\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80756 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	COM 252	Messner B	Closed

*SB 155 Excel in CTE*

### JOUR 227 - Basic Video Production

This course provides students with the fundamentals of video production. The goal is to teach students basic video techniques. Topics covered include technology, lighting, camera operations, audio and editing. Students will gain hands-on experience in the college's Media Production Services Department.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_227\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80757 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	COM 260	Price M	Closed

*SB 155 Excel in CTE*

### JOUR 247 - Advanced Video Production

Students will direct, produce, and edit programming for distribution via the college's media outlets. Students will develop the technical skills involved in both studio production and field production as well as advanced skills in camera operations, multi-camera directing, lighting, audio production, and graphics. Prerequisite: JOUR 227.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_247\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80759 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	COM 260	Price M	Closed

*SB 155 Excel in CTE*

### JOUR 269 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 60 hrs. for the semester by arrangement. Prerequisite: Department approval and completion of 3 credit hours in journalism/media communications coursework with a grade of "C" or higher.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_269\)](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80760 500 INT	-----	-	08/19/19-12/15/19		Thum G	10 of 10

CRN	Days	Time	Date	Location	Instructor	Seats Open
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NOTE: Students meet in Professor Thums office in LIB 301E. For more information on Journalism internships, please contact Prof. Thum, gthum@jccc.edu.  
Requirement: Department approval

### JOUR 270 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 120 hrs. for the semester by arrangement. Prerequisite: Department approval and completion of 3 credit hours in journalism/media communications coursework with a grade of "C" or higher.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_270](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80761 500 INT	-----	-	08/19/19-12/15/19		Thum G	8 of 10

NOTE: Students meet in Professor Thums office in LIB 301E. For more information on Journalism internships, please contact Prof. Thum, gthum@jccc.edu.  
Requirement: Department approval

### JOUR 271 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing techniques needed to produce and broadcast news, and produce advertising or public relations promotional copy. On-the-job training involves approximately 15-20 hrs./wk. by arrangement. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/jour/#JOUR\\_271](http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80762 500 INT	-----	-	08/19/19-12/15/19		Thum G	9 of 10

NOTE: Students meet in Professor Thums office in LIB 301E. For more information on Journalism internships, please contact Prof. Thum, gthum@jccc.edu.  
Requirement: Department approval

### Legal Studies

#### LAW 120 - Introduction to Paralegal Studies

Upon successful completion of this course, the student should be able to describe the paralegal profession and explain the role of the paralegal in a legal environment, including necessary skills, education and training, common duties, and representative tasks. The student should be able to explain the regulation of the legal profession and ethical issues relevant to attorneys and paralegals. The student should be able to draft a professional resume and design an effective job-search strategy. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_120](http://catalog.jccc.edu/coursedescriptions/law/#LAW_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80051 001 F2F	---R---	07:00-09:50 PM	08/22/19-12/15/19	CC 329	Manlove H	Closed
<i>SB 155 Excel in CTE</i>						
80052 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Manlove H	Closed
<i>SB 155 Excel in CTE</i>						
83097 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Simpson J	Closed
<i>SB 155 Excel in CTE</i>						

#### LAW 121 - Introduction to Law

Upon successful completion of this course, the student should be able to describe the structure and organization of the American legal system and explain its role, functions, and legal powers. The student should be able to explain the fundamental principles of the major subject areas of the law, including criminal law, tort law, contract law, business and employment law, family law, property law, and estate planning and probate law.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_121](http://catalog.jccc.edu/coursedescriptions/law/#LAW_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80053 001 F2F	-T-R---	05:00-06:15 PM	08/19/19-12/15/19	CC 329	Chiasson M	Closed
82650 002 F2F	-T-----	06:00-09:00 PM	09/10/19-12/15/19	DSH 212	McEvoy L	Closed
80055 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Nadlman J	Closed
80056 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Nadlman J	Closed

## LAW 132 - Civil Litigation

Upon successful completion of this course, the student should be able to identify the various sets of court rules that regulate the civil litigation process and explain the stages of a civil lawsuit. The student should be able to describe the role of the paralegal in a civil litigation practice and be able to draft documents commonly used in the civil litigation process. Prerequisite: Admission to the Paralegal program and LAW 121 or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_132](http://catalog.jccc.edu/coursedescriptions/law/#LAW_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80057 001 F2F	---R---	07:00-09:50 PM	08/22/19-12/15/19	GEB 379	Harrison C	Closed

## LAW 134 - Introduction to Legal Technology

Upon successful completion of this course, the student should be able to explain the role of technology within a legal work environment, and use software customarily available in a modern legal work environment, including word processing, spreadsheet and presentation software. In addition, students will demonstrate the ability to create, edit and share common legal documents and forms, and to use the internet within a legal work environment. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_134](http://catalog.jccc.edu/coursedescriptions/law/#LAW_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80058 376 HYB	-----	-	08/19/19-12/15/19	Online	Nadlman J	Closed
	--W----	06:00-06:50 PM	08/21/19-12/15/19	GEB 379		
82206 377 HYB	-----	-	08/19/19-12/15/19	Online	Nadlman J	Closed
	-T-----	05:00-05:50 PM	08/20/19-12/15/19	GEB 379		

## LAW 142 - Tort Law

Upon successful completion of this course, the student should be able to explain the major principles of tort law and personal injury litigation. The student should be able to identify the elements of intentional torts, negligence torts and strict liability torts, as well as the types of damages available and defenses to each of these torts. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_142](http://catalog.jccc.edu/coursedescriptions/law/#LAW_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80059 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Hawk G	Closed

## LAW 162 - Family Law

Upon successful completion of this course, the student should be able to describe the substantive and procedural principles of family law, including issues related to adoption, divorce, custody, support and visitation. The student should also be able to draft pleadings, including a petition for divorce, a petition for adoption, decrees, settlement agreements and motions for modification. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_162](http://catalog.jccc.edu/coursedescriptions/law/#LAW_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80060 001 F2F	M-----	07:00-09:50 PM	08/19/19-12/15/19	GEB 254	Manlove H	Closed

## LAW 195 - Legal Research

Upon successful completion of this course, the student should be able to demonstrate sophisticated skills for the retrieval of information from authoritative legal literature sources, including both print and electronic media. The student should be able to manage the research process by utilizing a research model that will enhance the student's efficiency and effectiveness as a legal researcher. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_195](http://catalog.jccc.edu/coursedescriptions/law/#LAW_195))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83046 376 HYB	-T-----	06:00-06:50 PM	08/19/19-12/15/19	GEB 379	Simpson J	Closed
	-----	-	08/19/19-12/15/19	Online		
<i>Mandatory Classroom Meetings</i>						
80061 377 HYB	M-----	06:00-06:50 PM	08/19/19-12/15/19	GEB 379	Simpson J	Closed
	-----	-	08/19/19-12/15/19	Online		

## LAW 201 - Advanced Legal Technology

Upon successful completion of this course, the student should be able to evaluate and use specialized legal software to perform customary tasks within a legal environment, including litigation support, discovery, case management, office management, file management, timekeeping and billing, docket control, and preparation of courtroom presentations. Prerequisite: LAW 134 or CPCA 128 or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_201](http://catalog.jccc.edu/coursedescriptions/law/#LAW_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80062 001 F2F	-T-----	07:00-09:50 PM	08/20/19-12/15/19	GEB 379	Simpson J	Closed

## LAW 205 - Legal Analysis and Writing

Upon successful completion of this course, the student should be able to analyze case law, statutes and secondary legal authority. The student should be able to communicate research results, analysis and conclusions professionally and effectively. Prerequisite: Admission to the Paralegal program and LAW 195 with a grade of "C" or higher or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_205](http://catalog.jccc.edu/coursedescriptions/law/#LAW_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80063 376 HYB	--W----	06:00-06:50 PM	08/19/19-12/15/19	RC 342	Waldman E	Closed
	-----	-	08/19/19-12/15/19	Online		

## LAW 247 - Intellectual Property Law

Upon successful completion of this course, the student should be able to explain the types of intellectual property: patent, copyright, trademark and trade secrets. The student should be able to prepare documents related to the protection of intellectual property rights. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_247](http://catalog.jccc.edu/coursedescriptions/law/#LAW_247))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80064 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Hawk G	Closed

## LAW 266 - Employment Law

Upon successful completion of this course, the student should be able to classify the relationship between employer and worker. The student should be able to apply federal and state laws that address equal opportunity, workers' compensation, and employment protections and benefits. Prerequisite: Admission to the Paralegal program or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_266](http://catalog.jccc.edu/coursedescriptions/law/#LAW_266))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80065 350 ONLNE	-----	-	08/19/19-12/15/19	Online	McEvoy L	Closed

## LAW 271 - Legal Ethics, Interviewing and Investigation

Upon successful completion of this course, the student should be able to explain ethical rules and standards governing the legal profession, interview clients and witnesses, and investigate the facts as part of a legal analysis or proceedings. A major emphasis will be on recognition of ethical problems commonly encountered and the development of interviewing and investigating skills. The course is also designated as the capstone course for the paralegal program. The course will draw the student's paralegal learning and provide an opportunity to demonstrate that the student has accomplished the program's educational goals. This opportunity will focus on finalizing and reviewing the student's e-portfolio. Prerequisite: Admission to the Paralegal program and LAW 134 or department approval. Prerequisite or Corequisite: LAW 205.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_271](http://catalog.jccc.edu/coursedescriptions/law/#LAW_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80066 001 F2F	--W----	07:00-09:50 PM	08/19/19-12/15/19	GEB 258	Nadlman J	Closed

## LAW 275 - Paralegal Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practice experience in a legal setting. The student must complete 120 hours of work at the internship site. Obtaining an internship is the responsibility of the individual student. Prerequisite: Admission to the Paralegal program and LAW 120 and LAW 121 or department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_275](http://catalog.jccc.edu/coursedescriptions/law/#LAW_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80067 500 INT	-----	-	08/19/19-12/15/19		Manlove H	10 of 12

## LAW 276 - Paralegal Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practice experience in a legal setting. The student must complete 120 hours of work at the internship site. Obtaining an internship is the responsibility of the individual student. Prerequisite: Admission to the Paralegal program and LAW 275.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW\\_276\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80068 500 INT	-----	-	08/19/19-12/15/19		Manlove H	11 of 12

## Leadership

### LEAD 130 - Leadership & Civic Engagement

This course is designed to help students develop the capacity and confidence for leadership in their personal, professional, and civic activities. The course focuses on the study of essential components and concepts of leadership, examination of characteristics and skills of effective historic and contemporary leaders, analysis of leadership skills and responsibilities in community settings, identification of personal leadership goals and standards, and development of competencies needed to meet community and global challenges in an informed, innovative, and responsible manner.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/lead/#LEAD\\_130\)](http://catalog.jccc.edu/coursedescriptions/lead/#LEAD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82355 01 F2F	M-----	02:00-04:50 PM	08/19/19-12/15/19	GEB 238	Easley-Giraldo T Karaim T	<b>Closed</b>

This section's title is **Leadership & Civic Engagement Honors**.

#### *Honors Course*

This course uses the Phi Theta Kappa curriculum and is taught by certified instructors. Note: This is an honors section.

## Legal Interpreting

### LI 150 - Legal Interpreting Skills II

This course develops skills in simultaneous interpreting and advanced consecutive interpreting. In addition, through classroom, lab and field experiences, students practice the three interpretation modes they have learned in the program and improve all aspects of their interpreting while forming good professional habits. Self-assessment, professional growth, and development of a personal philosophy of interpreting are stressed. This course is taught in English and Spanish. Prerequisite: Selective admissions approval and LI 130 with a grade of "C" or higher and LI 140 with a grade of "C" or higher. Corequisite: LI 160.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/li/#LI\\_150\)](http://catalog.jccc.edu/coursedescriptions/li/#LI_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81395 376 HYB	-----	-	08/22/19-12/15/19	<b>Online</b>	Steck M	<b>Closed</b>
	---R---	06:00-08:50 PM	08/29/19-08/29/19	CC 331		
	---R---	06:00-08:50 PM	10/03/19-10/03/19	CC 332		
	---R---	06:00-08:50 PM	10/10/19-10/10/19	CC 331		
	---R---	06:00-08:50 PM	10/17/19-10/17/19	CC 331		

#### *Mandatory Classroom Meetings*

Note: Online class meetings using Zoom and field work are also required for this class.

### LI 160 - Spanish Legal Interpreting

This course develops the knowledge, techniques and practices needed to function as a bilingual interpreter in a legal environment. Students will be introduced to basic legal situations, procedures and order of events, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply legal interpreting techniques in a variety of legal settings. This course is taught in English and Spanish. Prerequisite: Selective admissions approval and LI 130 with a "C" or higher and LI 140 with a "C" or higher. Corequisite: LI 150.

**Credit Hours: 3**

[Outline \(http://catalog.jccc.edu/coursedescriptions/li/#LI\\_160\)](http://catalog.jccc.edu/coursedescriptions/li/#LI_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81397 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 332	Renna M	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
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## Library

### LIBR 125 - Introduction to Library Research

This course provides an introduction to the methods and technologies of library research. Included will be a study of the various information resources available for research and techniques for retrieving information from both print and electronic sources. The resources of Billington Library will be featured, although the emphasis will be on building information retrieval skills that will be useful in many settings.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/libr/#LIBR\\_125](http://catalog.jccc.edu/coursedescriptions/libr/#LIBR_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82498 350 ONLINE	-----	-	09/16/19-11/09/19	Online	Bailey B	Closed

## Mathematics


### MATH 111 - Fundamentals of Mathematics

Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. Prerequisite: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_111](http://catalog.jccc.edu/coursedescriptions/math/#MATH_111))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80001 008 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 211	Gulati R	Closed
80002 010 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 209	Gulati R	Closed
80003 012 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 209	Whitford L	Closed
80004 050 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 209	Byrne M	Closed
80006 100 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CLB 211	Valle C	Closed
82659 102 F2F	M-W----	06:00-08:50 PM	10/14/19-12/08/19	 LPC B	Fischer E	Closed
80007 202 F2F	M-W-F--	10:00-10:55 AM	09/04/19-12/15/19	CLB 211	Shehab S	Closed
81150 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Fischer E	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

81151 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Fischer E	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<p>Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.</p>						

<b>82455</b> 450 SEL	-----	-	08/19/19-12/14/20	<b>Self Paced</b>	Veer P McMillen S	21 of 24
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Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Stacey McMillen, at smcmill9@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE (http://www.jccc.edu/academics/math-science/mathematics/self-paced.html) COURSE) DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test. Requirement: Department approval

## MATH 115 - Elementary Algebra

This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours: 3**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_115](http://catalog.jccc.edu/coursedescriptions/math/#MATH_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81157</b> 001 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	CLB 203	Menning M	<b>Closed</b>
<p>Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.</p>						
<b>81159</b> 020 F2F	M-W-F--	07:00-07:50 AM	08/19/19-12/15/19	CLB 205	Sandner M	<b>Closed</b>
<b>81160</b> 022 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CLB 205	Shehab S	<b>Closed</b>
<b>81161</b> 024 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 205	Benes S	<b>Closed</b>
<b>81162</b> 026 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 209	White D	<b>Closed</b>
<b>81163</b> 028 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 205	Whitford L	<b>Closed</b>
<b>81164</b> 030 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 209	Whitford L	<b>Closed</b>
<b>81165</b> 032 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 205	Benes S	<b>Closed</b>
<b>81166</b> 034 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 207	Church J	<b>Closed</b>
<b>81167</b> 036 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 205	Kempker K	<b>Closed</b>
<b>81168</b> 038 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 211	Church J	<b>Closed</b>
<b>81169</b> 040 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 205	Kempker K	<b>Closed</b>
<b>81170</b> 041 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 207	Benes S	<b>Closed</b>
<b>81171</b> 042 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CLB 205	Kempker K	<b>Closed</b>
<b>81172</b> 044 F2F	M-----	03:00-05:50 PM	08/19/19-12/15/19	CLB 211	Caldwell B	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
81173 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 205	Balman B	Closed
81174 052 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 205	Balman B	Closed
81175 053 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	SCI 118	Hall S	Closed
81176 054 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 205	Balman B	Closed
81177 056 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 205	Hall S	Closed
81178 058 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CLB 205	Dickey S	Closed
81179 060 F2F	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	CLB 205	Thomas M	Closed
81180 102 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CLB 205	Colburn R	Closed
81181 104 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CLB 203	Lemer A	Closed
81182 106 F2F	----F--	06:00-08:50 PM	08/23/19-12/15/19	CLB 205	Caldwell B	Closed
81183 108 F2F	-----U	12:00-02:50 PM	08/25/19-12/15/19	CLB 205	Malakhova N	Closed
81184 200 F2F	M-W-F--	11:00-11:55 AM	09/04/19-12/15/19	CLB 211	Gulati R	Closed
81185 202 F2F	-T-R---	08:00-09:25 AM	09/03/19-12/15/19	CLB 211	Hall S	Closed
81186 204 F2F	M-W----	06:00-07:25 PM	09/04/19-12/15/19	CLB 403	Worthy M	Closed
81190 206 F2F	M-W----	04:00-06:50 PM	10/14/19-12/08/19	CLB 402	Jones D	Closed
81194 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Dunham J	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

81196 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Wang S	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

81199 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Lefert K	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

81201 370 ONLNE	-----	-	09/03/19-12/15/19	Online	Fischer E	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<p>Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.</p>						

<b>81212</b> 371 ONLNE	-----	-	09/03/19-12/15/19	<b>Online</b>	Turner W	<b>Closed</b>
<p>Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.</p>						

<b>82456</b> 450 SEL	-----	-	08/19/19-12/14/20	<b>Self Paced</b>	Veer P Weston M	7 of 30
<p>Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Melissa Weston, at mweston5@jccc.edu. For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> (<a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a>) COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test. Requirement: Department approval</p>						

## MATH 116 - Intermediate Algebra


This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations including linear, quadratic, quadratic in form, as well as those containing rational expressions or radicals; graph linear inequalities in two variables; and analyze functions and non-functions. Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours: 3**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_116](http://catalog.jccc.edu/coursedescriptions/math/#MATH_116))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81213</b> 001 F2F	MTWRF--	11:00-11:50 AM	08/19/19-12/15/19	CLB 203	Wainwright F	<b>Closed</b>
<i>General Education Designation</i>						
<p>Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.</p>						
<b>81217</b> 020 F2F	M-W-F--	07:00-07:50 AM	08/19/19-12/15/19	CLB 207	White D	<b>Closed</b>
<i>General Education Designation</i>						
<b>81219</b> 024 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	OCB 332	Sandner M	<b>Closed</b>
<i>General Education Designation</i>						
<b>81221</b> 026 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 207	Wainwright F	<b>Closed</b>
<i>General Education Designation</i>						
<b>81227</b> 028 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	OCB 332	Dunham J	<b>Closed</b>
<i>General Education Designation</i>						
<b>81231</b> 030 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 207	Sandner M	<b>Closed</b>
<i>General Education Designation</i>						
<b>83146</b> 032 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	SCI 212	Dunham J	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>Co-requisite to enroll in</i>						
<b>81233</b> 036 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 332	Fortino L	<b>Closed</b>
<i>General Education Designation</i>						
<b>81234</b> 038 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 207	Sutherlin C	<b>Closed</b>
<i>General Education Designation</i>						
<b>81235</b> 040 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	OCB 332	Fortino L	<b>Closed</b>
<i>General Education Designation</i>						
<b>81236</b> 044 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 332	Valle C	<b>Closed</b>
<i>General Education Designation</i>						
<b>81244</b> 048 F2F	M-W----	04:00-05:15 PM	08/19/19-12/15/19	CLB 207	Wainwright F	<b>Closed</b>
<i>General Education Designation</i>						
<b>81254</b> 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 207	Caldwell B	<b>Closed</b>
<i>General Education Designation</i>						
<b>81256</b> 052 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 207	Bischoff E	<b>Closed</b>
<i>General Education Designation</i>						
<b>81258</b> 054 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 207	Wang S	<b>Closed</b>
<i>General Education Designation</i>						
<b>81260</b> 058 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 207	Dennis R	<b>Closed</b>
<i>General Education Designation</i>						
<b>81264</b> 060 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CLB 207	Putnam T	<b>Closed</b>
<i>General Education Designation</i>						
<b>81266</b> 062 F2F	-T-R---	04:30-05:45 PM	08/20/19-12/15/19	CLB 207	Dennis R	<b>Closed</b>
<i>General Education Designation</i>						
<b>81267</b> 100 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CLB 207	Worthy M	<b>Closed</b>
<i>General Education Designation</i>						
<b>81277</b> 102 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CLB 207	Davis P	<b>Closed</b>
<i>General Education Designation</i>						
<b>81278</b> 106 F2F	-----U	12:00-02:50 PM	08/25/19-12/15/19	CLB 207	Rule J	<b>Closed</b>
<i>General Education Designation</i>						
<b>81304</b> 200 F2F	M-W-F--	08:00-08:55 AM	09/04/19-12/15/19	CLB 403	White D	<b>Closed</b>
<i>General Education Designation</i>						
<b>81320</b> 202 F2F	M-W-F--	02:00-02:55 PM	09/04/19-12/15/19	CLB 211	Benes S	<b>Closed</b>
<i>General Education Designation</i>						
<b>81331</b> 204 F2F	-T-R---	09:30-10:55 AM	09/03/19-12/15/19	OCB 332	Caldwell B	<b>Closed</b>
<i>General Education Designation</i>						
<b>81414</b> 206 F2F	-T-R---	04:00-06:50 PM	10/15/19-12/08/19	CLB 203	LeRoy J	<b>Closed</b>
<i>General Education Designation</i>						
<b>81415</b> 210 F2F	M-W----	06:00-07:25 PM	09/04/19-12/15/19	 OHEC 105	Thomas M	<b>Closed</b>
<i>General Education Designation</i>						
<b>81416</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Lefert K	<b>Closed</b>

*General Education Designation*

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

CRN	Days	Time	Date	Location	Instructor	Seats Open
81417 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Lefert K	Closed
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
81418 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Kennett J	Closed
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
81419 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Kennett J	Closed
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
81424 370 ONLNE	-----	-	09/03/19-12/15/19	Online	Kennett J	Closed
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
81427 371 ONLNE	-----	-	09/03/19-12/15/19	Online	Lefert K	Closed
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
82457 450 SEL	-----	-	08/19/19-12/14/20	Self Paced	Veer P Weston M	4 of 45

*General Education Designation*

Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Melissa Weston, at [mweston5@jccc.edu](mailto:mweston5@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE) DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test. Requirement: Department approval

## MATH 118 - Geometry

This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_118](http://catalog.jccc.edu/coursedescriptions/math/#MATH_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82458 450 SEL	-----	-	08/19/19-12/14/20	Self Paced	Veer P Weston M	26 of 30

### General Education Designation

Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Melissa Weston, at [mweston5@jccc.edu](mailto:mweston5@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE DESCRIPTION: This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

## MATH 120 - Business Mathematics

This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$25

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_120](http://catalog.jccc.edu/coursedescriptions/math/#MATH_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81428 020 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 332	Wainwright F	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81429 022 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 315	Voss-Schoonover L	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81430 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	OCB 332	Byrne M	Closed
<i>General Education Designation</i> <i>Accelerating Opportunity KS</i>						
81431 052 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	OCB 332	Helgeson D	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81460 100 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	CLB 209	Tomlin C	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81464 102 F2F	M-----	01:00-03:50 PM	08/19/19-12/15/19	GEB 381	Sutherlin C	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81467 200 F2F	-T-R---	02:00-03:25 PM	09/03/19-12/15/19	GEB 381	Sutherlin C	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
81470 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Jacobs L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						
81474 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Fischer E	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						

81477 370 ONLNE	-----	-	09/03/19-12/15/19	Online	Jacobs L	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						

## MATH 130 - Technical Mathematics I

This course is the first of a two-semester sequence that will introduce the mathematical skills and concepts necessary in technical work. It will focus on the basics of algebra, geometry and their applications. Topics will include operations with polynomials, linear equations, systems of equations, formulas and basic geometry. Prerequisite: MATH 111 with a grade of "C" or higher or an appropriate score on the math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_130](http://catalog.jccc.edu/coursedescriptions/math/#MATH_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81478 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 209	Haehl M	Closed
<i>General Education Designation</i>						
81479 052 F2F	-T-R---	02:30-03:45 PM	08/20/19-12/15/19	CLB 209	Wang S	Closed
<i>General Education Designation</i>						
81480 100 F2F	-T-R---	05:30-06:45 PM	08/20/19-12/15/19	CLB 403	Haehl M	Closed
<i>General Education Designation</i>						
81481 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Wang S	Closed

*General Education Designation*

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course is the first of a two-semester sequence that will introduce the mathematical skills and concepts necessary in technical work. It will focus on the basics of algebra, geometry and their applications. Topics will include operations with polynomials, linear equations, systems of equations, formulas and basic geometry. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or an appropriate score on the math placement test.

## MATH 131 - Technical Mathematics II

This course is the second of a two-semester sequence on the mathematical skills and concepts necessary in technical work. It will focus on more advanced algebraic skills, solving equations, and trigonometry. The topics will include polynomials, rational expressions, radical expressions, complex numbers, solving quadratic, rational, radical, exponential and logarithmic equations, and working with basic trigonometry. Prerequisite: MATH 130 with a grade of "C" or higher.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_131](http://catalog.jccc.edu/coursedescriptions/math/#MATH_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81482 050 F2F	-T-R---	05:30-06:45 PM	08/20/19-12/15/19	GEB 381	Dickey S	Closed

*General Education Designation*

## MATH 171 - College Algebra ▶

This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_171](http://catalog.jccc.edu/coursedescriptions/math/#MATH_171))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81484 001 F2F	MTWRF--	08:00-08:50 AM	08/19/19-12/15/19	CLB 203	Voss-Schoonover L	Closed

*General Education Designation*

*KBOR Seamless Transfer*

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

81485 002 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	CLB 203	Siebert K	Closed
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*General Education Designation*

*KBOR Seamless Transfer*

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

81486 003 F2F	MTWRF--	12:00-12:50 PM	08/19/19-12/15/19	CLB 203	Dotson G	Closed
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*KBOR Seamless Transfer*

*General Education Designation*

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

81487 004 F2F	MTWRF--	02:00-02:50 PM	08/19/19-12/15/19	CLB 203	Harris R	Closed
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*KBOR Seamless Transfer*

*General Education Designation*

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.



CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81488</b> 020 F2F	M-W-F--	07:00-07:50 AM	08/19/19-12/15/19	GEB 313	McCoy M	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81489</b> 022 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 313	McCoy M	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81490</b> 023 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CLB 207	Kennett J	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81491</b> 024 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 313	Wang S	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81492</b> 026 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 342	Barlow R	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81493</b> 028 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 313	Kennett J	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81494</b> 029 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 213	Barlow R	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81495</b> 030 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 213	Wang S	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81496</b> 032 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 313	Kennett J	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81497</b> 034 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 313	Dunham J	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81498</b> 036 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 340	Jacobs L	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81499</b> 038 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 313	Houghton J	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81500</b> 040 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 209	Palcic R	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81523</b> 042 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	GEB 313	Wainwright F	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81524</b> 044 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CLB 207	Keslar C	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81525</b> 046 F2F	M-W----	03:30-04:45 PM	08/19/19-12/15/19	GEB 313	Church J	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81526</b> 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 313	Shehab S	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81528 051 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 314	Bischoff E	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81529 052 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 313	Gulati R	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81531 054 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 211	Haehl M	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81532 056 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 313	Lefert K	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81533 058 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 211	Haehl M	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81535 059 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 340	Imm C	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81536 060 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 313	Putnam T	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81537 062 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 403	Lewis J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at <a href="mailto:jlewis@jccc.edu">jlewis@jccc.edu</a> . COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test						
81538 064 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 313	Hatcher D	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81539 066 F2F	-T-R---	03:30-04:45 PM	08/20/19-12/15/19	GEB 313	Valle C	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81577 100 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 313	Greenwood J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81580 102 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 313	Cooper S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81582 104 F2F	----S-	09:00-11:50 AM	08/24/19-12/15/19	CLB 314	Cooper S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81586 200 F2F	M-W-F--	02:00-02:55 PM	09/04/19-12/15/19	GEB 315	Houghton J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81590 202 F2F	-T-R---	02:00-03:25 PM	09/03/19-12/15/19	GEB 315	Jaggard C	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81595 204 F2F	-T-R---	06:00-07:25 PM	09/03/19-12/15/19	 OHEC 105	Lewis J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at jlewis@jccc.edu. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test							
<b>81597</b>	206 F2F	M-W----	04:00-06:50 PM	10/14/19-12/08/19	OCB 332	Irfan S	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>81600</b>	208 F2F	-T-R---	04:00-06:50 PM	10/15/19-12/08/19	OCB 332	Houghton J	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>81604</b>	350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Barlow R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.							
<b>81605</b>	351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Barlow R	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.							
<b>81627</b>	352 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Imm C	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.							
<b>81637</b>	353 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Hatcher D	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.							

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81638</b> 354 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Hatcher D	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81639</b> 355 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Hatcher D	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81641</b> 356 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Imm C	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81643</b> 357 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Palcic R	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81645</b> 370 ONLNE	-----	-	09/03/19-12/15/19	<b>Online</b>	Barlow R	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81646</b> 371 ONLNE	-----	-	09/03/19-12/15/19	<b>Online</b>	Imm C	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.						
82459 450 SEL	-----	-	08/19/19-12/14/20	Self Paced	Veer P McMillen S	18 of 50

*KBOR Seamless Transfer*

*General Education Designation*

Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Stacey McMillen, at smcmill9@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE (http://www.jccc.edu/academics/math-science/mathematics/self-paced.htmlCOURSE) DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

## MATH 172 - Trigonometry

This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. Prerequisite: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours: 3**

**Associated Costs: \$0 to \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_172](http://catalog.jccc.edu/coursedescriptions/math/#MATH_172))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81648 020 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CLB 209	Grondahl R	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81650 022 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 315	Dunham J	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81655 050 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 258	Grondahl R	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81656 052 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 209	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81658 100 F2F	-T-R---	06:00-07:15 PM	08/20/19-12/15/19	CLB 209	Putnam T	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81663 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Lewis J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. 3 hrs. lecture/wk. Prerequisites: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

CRN	Days	Time	Date	Location	Instructor	Seats Open
82460 450 SEL	-----	-	08/19/19-12/14/20	Self Paced	Veer P McMillen S	22 of 30

*KBOR Seamless Transfer*

*General Education Designation*

Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Stacey McMillen, at [smcmill9@jccc.edu](mailto:smcmill9@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE (http://www.jccc.edu/academics/math-science/mathematics/self-paced.htmlCOURSE) DESCRIPTION: This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. Prerequisites: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

## MATH 173 - Precalculus

MATH 173 is an accelerated course recommended for students with a strong high school math background (three to four years) who plan to take calculus. This course focuses on the study of functions and their graphs, solving equations and inequalities, recognition and creation of patterns, and the use of mathematical models. Included in the course are linear, power, polynomial, rational, radical, exponential, logarithmic, trigonometric and absolute value functions. Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours: 5**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_173](http://catalog.jccc.edu/coursedescriptions/math/#MATH_173))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81665 020 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	CLB 403	Menning M	Closed
<i>General Education Designation</i>						
81709 022 F2F	MTWRF--	11:00-11:50 AM	08/19/19-12/15/19	GEB 381	Harris R	Closed
<i>General Education Designation</i>						
81720 024 F2F	MTWRF--	01:00-01:50 PM	08/19/19-12/15/19	CLB 203	Dickey S	Closed
<i>General Education Designation</i>						
81725 026 F2F	MTWRF--	02:00-02:50 PM	08/19/19-12/15/19	CLB 403	Dotson G	Closed
<i>General Education Designation</i>						
81726 050 F2F	-T-R---	03:30-05:45 PM	08/20/19-12/15/19	GEB 340	Hatcher D	Closed
<i>General Education Designation</i>						

## MATH 181 - Statistics

This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. Prerequisite: MATH 171 with a grade of "C" or higher or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

**Credit Hours: 3**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_181](http://catalog.jccc.edu/coursedescriptions/math/#MATH_181))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81727 020 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 340	Keslar C	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81731 022 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 213	Helgeson D	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81733 024 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 340	Helgeson D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81756</b> 026 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 213	Keslar C	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81761</b> 028 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 213	Voss-Schoonover L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81763</b> 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 213	Palcic R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81768</b> 052 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 213	Palcic R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81782</b> 054 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 213	Gibbs A	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81805</b> 056 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 340	Gibbs A	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81808</b> 058 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CLB 213	Gibbs A	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>81812</b> 100 F2F	M-W----	04:30-05:45 PM	08/19/19-12/15/19	CLB 213	Valle C	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81814</b> 102 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CLB 213	Sutherlin C	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81816</b> 104 F2F	-----S-	09:00-11:50 AM	08/24/19-12/15/19	CLB 213	Palmer B	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81827</b> 200 F2F	M-W-F--	08:00-08:55 AM	09/04/19-12/15/19	CLB 213	Sutherlin C	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81830</b> 202 F2F	-T-R---	12:30-01:55 PM	09/03/19-12/15/19	CLB 213	Palcic R	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81831</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Gibbs A	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.						
<b>81833</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Gibbs A	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open		
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
<b>81835</b>	352	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Palcic R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
<b>81837</b>	353	ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Palcic R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
<b>83208</b>	360	ONLNE	-----	-	12/11/19-01/08/20	<b>Online</b>	Jacobs L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>								
<i>General Education Designation</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 25 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics.								
<b>81847</b>	370	ONLNE	-----	-	09/03/19-12/15/19	<b>Online</b>	Jacobs L	<b>Closed</b>
<i>General Education Designation</i>								
<i>KBOR Seamless Transfer</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
<b>82461</b>	450	SEL	-----	-	08/19/19-12/14/20	<b>Self Paced</b>	Veer P	8 of 30



CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

General Education Designation

Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at [pveer@jccc.edu](mailto:pveer@jccc.edu). For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>COURSE (http://www.jccc.edu/academics/math-science/mathematics/self-paced.htmlCOURSE) DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

## MATH 191 - Math and Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Student will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. Prerequisite: (MATH 171 with a grade of "C" or higher or MATH 173 with a grade of "C" or higher or appropriate score on math placement test) and GAME 121.

**Credit Hours:** 4

**Associated Costs:** \$0 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_191](http://catalog.jccc.edu/coursedescriptions/math/#MATH_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81855 030 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	RC 380	Grondahl R	Closed
	M-----	03:00-04:50 PM	08/19/19-12/15/19	RC 380		

## MATH 210 - Mathematics for Elementary Teachers I

This is the first of a two-course sequence for prospective teachers of elementary and middle school mathematics. The focus of this course is an in-depth investigation of the mathematical principles and concepts encountered in grades K-8. Topics include set theory, numeration systems, number sense, critical thinking, and problem-solving strategies. The use of appropriate techniques and tools, such as calculators, computers and manipulatives, will be integrated throughout the course in order to enhance the depth of understanding. Prerequisite: MATH 171 with a grade of "C" or higher or MATH 173 with a grade of "C" or higher or appropriate score on math placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_210](http://catalog.jccc.edu/coursedescriptions/math/#MATH_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81864 020 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	OCB 332	McChesney T	Closed

## MATH 231 - Business and Applied Calculus I

This is the first course in calculus as it applies to business; the social, behavioral and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits; differentiation of algebraic, exponential and logarithmic functions; and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. Prerequisite: MATH 171 with a grade of "C" or higher or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.

**Credit Hours:** 3

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_231](http://catalog.jccc.edu/coursedescriptions/math/#MATH_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81868 022 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 381	Lefert K	Closed

General Education Designation

KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81870</b> 024 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 381	Lefert K	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81872</b> 050 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 381	Dunham J	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81873</b> 052 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 381	Hatcher D	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81875</b> 100 F2F	M-W----	06:00-07:15 PM	08/19/19-12/15/19	GEB 381	VanLeeuwen F	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81876</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Dunham J	<b>Closed</b>

*General Education Designation*  
*KBOR Seamless Transfer*

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the first course in calculus as it applies to business; the social, behavioral and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits; differentiation of algebraic, exponential and logarithmic functions; and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.

<b>81877</b> 370 ONLNE	-----	-	09/03/19-12/15/19	<b>Online</b>	Cooper B	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the first course in calculus as it applies to business; the social, behavioral and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits; differentiation of algebraic, exponential and logarithmic functions; and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.						

## MATH 241 - Calculus I

This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. Prerequisite: (MATH 171 with a grade of "C" or higher and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.

**Credit Hours: 5**

**Associated Costs: \$0 to \$100**

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_241](http://catalog.jccc.edu/coursedescriptions/math/#MATH_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81879</b> 020 F2F	MTWRF--	08:00-08:50 AM	08/19/19-12/15/19	CLB 402	McChesney T	<b>Closed</b>
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
<b>81880</b> 022 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	CLB 402	Harris R	<b>Closed</b>
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
<b>81881</b> 024 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	GEB 315	Lewis J	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at <a href="mailto:jlewis@jccc.edu">jlewis@jccc.edu</a> COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.						
81885 026 F2F	MTWRF--	11:00-11:50 AM	08/19/19-12/15/19	CLB 402	Menning M	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81888 028 F2F	MTWRF--	01:00-01:50 PM	08/19/19-12/15/19	CLB 402	McChesney T	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81936 030 F2F	M-W-F--	12:00-01:25 PM	08/19/19-12/15/19	CLB 403	Lewis J	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at <a href="mailto:jlewis@jccc.edu">jlewis@jccc.edu</a> COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test						
81938 100 F2F	-T-R---	06:00-08:15 PM	08/20/19-12/15/19	GEB 315	Balman B	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81940 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Edmonds B	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: In this online course, it is expected that students will work daily for a minimum of 15 to 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.						
82462 450 SEL	-----	-	08/19/19-12/14/20	Self Paced	Veer P	14 of 30
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: Fall students can begin their study in this self-paced math course up through November 1, 2019, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at <a href="mailto:pveer@jccc.edu">pveer@jccc.edu</a> . For more information and a link to the course syllabus and self-paced application see <a href="http://www.jccc.edu/academics/math-science/mathematics/self-paced.html">http://www.jccc.edu/academics/math-science/mathematics/self-paced.html</a> COURSE (http://www.jccc.edu/academics/math-science/mathematics/self-paced.htmlCOURSE) DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test. Requirement: Department approval						

## MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. Prerequisite: MATH 241 with a grade of "C" or higher.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_242](http://catalog.jccc.edu/coursedescriptions/math/#MATH_242))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81941 022 F2F	MTWRF--	09:00-09:50 AM	08/19/19-12/15/19	GEB 315	Edmonds B	Closed
<i>General Education Designation</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81943</b> 024 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	CLB 403	Edmonds B	<b>Closed</b>
<i>General Education Designation</i>						
<b>81945</b> 026 F2F	MTWRF--	12:00-12:50 PM	08/19/19-12/15/19	CLB 402	Grondahl R	<b>Closed</b>
<i>General Education Designation</i>						
<b>81947</b> 100 F2F	M-W----	06:00-08:15 PM	08/19/19-12/15/19	CLB 211	Dotson G	<b>Closed</b>
<i>General Education Designation</i>						
<b>81951</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Grondahl R	<b>Closed</b>

*General Education Designation*

Note: In this online course, it is expected that students will work daily for a minimum of 15 to 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. 5 hrs. lecture/wk. Prerequisites: MATH 241 with a grade of "C" or higher.

### MATH 243 - Calculus III

This is the third course in a three-semester sequence on analytic geometry and calculus. Topics include vector-valued functions, functions of several variables, multiple integration, and vector analysis. Prerequisite: MATH 242 with a grade of "C" or higher.

**Credit Hours: 5**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_243](http://catalog.jccc.edu/coursedescriptions/math/#MATH_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81953</b> 010 F2F	MTWRF--	10:00-10:50 AM	08/19/19-12/15/19	CLB 402	Jacobs L	<b>Closed</b>
<i>General Education Designation</i>						
<b>81957</b> 020 F2F	MTWRF--	01:00-01:50 PM	08/19/19-12/15/19	GEB 315	Siebert K	<b>Closed</b>
<i>General Education Designation</i>						
<b>81958</b> 100 F2F	M-W----	06:00-08:15 PM	08/19/19-12/15/19	GEB 315	Baldwin R	<b>Closed</b>
<i>General Education Designation</i>						

### MATH 246 - Elementary Linear Algebra

This sophomore-level introduction to linear algebra uses a matrix-oriented approach, with an emphasis on problem solving and applications. The course focus is on matrix arithmetic, systems of linear equations, properties of Euclidean n-space, eigenvalues and eigenvectors, orthogonality and vector spaces. Students are expected to use technology for matrix operations. Prerequisite: MATH 242 with a grade of "C" or higher.

**Credit Hours: 3**

**Associated Costs:** \$0 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_246](http://catalog.jccc.edu/coursedescriptions/math/#MATH_246))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81959</b> 020 F2F	M-W----	01:00-02:15 PM	08/19/19-12/15/19	GEB 340	Jacobs L	<b>Closed</b>

### MATH 254 - Differential Equations

This course will cover standard types of equations that involve rates of change. In particular, this is an introductory course in equations that involve ordinary derivatives. Both qualitative and quantitative approaches will be used. Standard types and methods will be covered, including Laplace transforms, infinite series, and numerical methods. Basic linear algebra will be developed to solve systems of differential equations. Prerequisite: MATH 243 with a grade of "C" or higher.

**Credit Hours: 4**

**Associated Costs:** \$0 to \$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_254\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81960 020 F2F	MTWR---	10:00-10:50 AM	08/19/19-12/15/19	GEB 340	Imm C	Closed

*General Education Designation*

## MATH 285 - Statistics for Business

This is a beginning course in calculus-based statistical analysis with an emphasis on applications to business. The skill of making sense of raw data is important, and includes constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, hypothesis testing, linear regression, and an introduction to quality control. Students must have an understanding of calculus concepts in order to successfully complete this course. Prerequisite: MATH 231 with a grade of "C" or higher or MATH 241 with a grade of "C" or higher.

**Credit Hours:** 4

**Associated Costs:** \$0 to \$100

[Outline \(http://catalog.jccc.edu/coursedescriptions/math/#MATH\\_285\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81961 020 F2F	MTWR---	09:00-09:50 AM	08/19/19-12/15/19	GEB 340	Keslar C	Closed
81962 100 F2F	M-W----	06:00-07:50 PM	08/19/19-12/15/19	CLB 213	Valle C	Closed

## Metal Fabrication and Welding

### MFAB 124 - Introduction to Welding

Introduction to Welding is a basic welding, tool, and equipment safety course. This course will expose students to the various welding processes and techniques. Tools, equipment and safety related to the metal fabrication area will be discussed and used by the student. This is a hands-on course. Students will be required to purchase and use personal protective equipment (PPE).

**Credit Hours:** 3

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_124\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82207 002 F2F	-T-----	08:00-08:50 AM	08/20/19-12/15/19	ITC 189	Crompton S	Closed
	Lab -T-----	09:00-12:50 PM	08/20/19-12/15/19	ATB 150		
<i>SB 155 Excel in CTE</i> <i>Co-requisite to enroll in</i>						
82208 003 F2F	---R---	08:00-08:50 AM	08/22/19-12/15/19	ITC 189	Crompton S	Closed
	Lab ---R---	09:00-12:50 PM	08/22/19-12/15/19	ATB 150		
<i>SB 155 Excel in CTE</i> <i>Co-requisite to enroll in</i>						
82711 004 F2F	--W----	08:00-08:50 AM	08/21/19-12/15/19	ITC 183	Crompton S	Closed
	Lab --W----	09:00-12:50 PM	08/21/19-12/15/19	ATB 150		

*SB 155 Excel in CTE*  
*Co-requisite to enroll in*

### MFAB 128 - Basic Machine Tool Technology

This course provides instruction in the operation of metal cutting machinery, which includes practice in the safe operation of a lathe, vertical mill and precision grinders. Layout equipment, measuring tools, gauges, hand tools, drilling machine, bench grinder, power saws and heat-treating equipment will also be presented. Machine tool safety, shop math and trigonometry will be emphasized throughout the course.

**Credit Hours:** 3

**Associated Costs:** \$80

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_128\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82238 001 F2F	M-----	05:00-05:50 PM	08/19/19-12/15/19	ITC 183	Tanking J	Closed
	Lab M-----	06:00-09:50 PM	08/19/19-12/15/19	ATB 192		
<i>SB 155 Excel in CTE</i>						
82240 002 F2F	-T-----	05:00-05:50 PM	08/20/19-12/15/19	ITC 183	Poe A	Closed
	Lab -T-----	06:00-09:50 PM	08/20/19-12/15/19	ATB 192		
<i>SB 155 Excel in CTE</i>						

## MFAB 131 - Shielded Metal Arc Welding (SMAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will describe the Shielded Metal Arc Welding process (SMAW); demonstrate the safe and correct setup of the SMAW workstation; associate SMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; perform basic SMAW welds on selected weld joints; and perform visual inspection of welds. Prerequisite: MFAB 124.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_131\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82209 001 F2F	MTWR---	12:00-12:50 PM	09/16/19-10/10/19	ITC 189	Massey J	Closed
	Lab MTWR---	01:00-04:50 PM	09/16/19-10/10/19	ATB 150		
<i>SB 155 Excel in CTE</i>						
Note: Students must enroll in all three sections: MFAB 131 (82209), MFAB 133 (82219) and MFAB 136 (82224)						
82210 002 F2F	M--R---	05:00-05:50 PM	08/19/19-10/10/19	WLB 102	Neal-Stovall M	Closed
	Lab M--R---	06:00-09:50 PM	08/19/19-10/10/19	WLB 110		
<i>SB 155 Excel in CTE</i>						

## MFAB 133 - Gas Metal Arc Welding (GMAW) I

Through classroom and/or shop/lab learning and assessment activities, students in this course will: explain gas metal arc welding process (GMAW); demonstrate the safe and correct set up of the GMAW workstation; correlate GMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; produce basic GMAW welds on selected weld joints; and conduct visual inspection of GMAW welds. Prerequisite: MFAB 124.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_133\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82219 001 F2F	MTWR---	12:00-12:50 PM	10/14/19-11/07/19	ITC 189	Massey J	Closed
	Lab MTWR---	01:00-04:50 PM	10/14/19-11/07/19	ATB 150		
<i>SB 155 Excel in CTE</i>						
Note: Students must enroll in all three sections: MFAB 131 (82209), MFAB 133 (82219) and MFAB 136 (82224)						

## MFAB 136 - Gas Tungsten Arc Welding (GTAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will: explain the gas tungsten arc welding process (GTAW); demonstrate the safe and correct set up of the GTAW workstation; relate GTAW electrode and filler metal classifications with base metals and joint criteria; build proper electrode and filler metal selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes and filler material in the flat position; build pads of weld beads with selected electrodes and filler material in the horizontal position; perform basic GTAW welds on selected weld joints; and perform visual inspection of GTAW welds. Prerequisite: MFAB 124.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_136\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82224 001 F2F	MTWR---	12:00-12:50 PM	11/11/19-12/05/19	ITC 189	Massey J	Closed
	<b>Lab</b> MTWR---	01:00-04:50 PM	11/11/19-12/05/19	ATB 150		

*SB 155 Excel in CTE*

Note: Students must enroll in all three sections: MFAB 131 (82209), MFAB 133 (82219) and MFAB 136 (82224)

82221 002 F2F	-TW----	05:00-05:50 PM	08/20/19-10/09/19	WLB 102	Massey J	Closed
	<b>Lab</b> -TW----	06:00-09:50 PM	08/20/19-10/09/19	ATB 150		

*SB 155 Excel in CTE*

## MFAB 180 - Blueprint and Symbols Reading for Welders

Upon successful completion of this course, the student should be able to identify basic welding positions and explain, list, sketch, draw, use or describe current American Welding Society (AWS) welding symbols and weld joint configurations. The student will be introduced to several methods of producing welding blueprints, object representatives, and specific meanings of selected lines, surface features, sectional views and basic math formulas used in the welding industry. The student will be able to identify the symbols used for fillet welds and groove welds made with and without backing. Topics such as pipe welding representations, pipe welding connections, pipe welding classifications, welder certification, metallurgical effects of heat on metals and the importance of weld quality and welding safety will be studied.

**Credit Hours:** 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_180\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82234 001 F2F	M-----	06:00-07:50 PM	08/19/19-12/15/19	ITC 187	Eib A	Closed

*SB 155 Excel in CTE*

82236 002 F2F	---R---	10:00-11:50 AM	08/21/19-12/15/19	ITC 187	Massey J	Closed
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*SB 155 Excel in CTE*

## MFAB 205 - Shielded Metal Arc Welding (SMAW) II

Upon successful completion of this course, the student should be able to weld fillet welds in the vertical-up (3F), and overhead (4F) weld positions, and groove joints in the vertical up, (3G) and overhead position (4G) weld positions with and/or without backing to industry standards. Students will be required to prepare materials using oxy-fuel cutting techniques. Students will perform a welding proficiency test equal to or exceeding the American Welding society (AWS) standard D1.1. Structural welding code. Students will be expected to provide basic hand tools and/or equipment. Prerequisite: MFAB 131.

**Credit Hours:** 3

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_205\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82226 001 F2F	M--R---	05:00-05:50 PM	10/15/19-12/05/19	WLB 102	Neal-Stovall M	Closed
	<b>Lab</b> M--R---	06:00-09:50 PM	10/15/19-12/05/19	WLB 110		

*SB 155 Excel in CTE*

## MFAB 220 - Flux Core Arc Welding (FCAW)

Upon completion of this course the student should be able to identify safety rules associated with the flux core arc welding (FCAW) process, identify FCAW equipment components, and perform welds in selected positions on a variety of metal thicknesses to industry standards. Prerequisite: MFAB 133.

**Credit Hours:** 3

**Associated Costs:** \$50 to \$150

[Outline \(http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_220\)](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82229 001 F2F	M-----	05:00-05:50 PM	08/19/19-12/15/19	ITC 187	Mangels T	Closed
	Lab M-----	06:00-09:50 PM	08/19/19-12/15/19	WLB 130		

SB 155 Excel in CTE

## MFAB 240 - Metallurgy

Metallurgy is the study of the science and technology of metals. This course covers the extractive, mechanical and physical phases of metallurgy. Topics include the identification of metals, types and classification of metals, heat treatment procedures and common steel manufacturing processes. AWS terms and definitions will be emphasized throughout the course.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_240](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82231 001 F2F	M-----	10:00-11:50 AM	08/19/19-12/15/19	ITC 187	Crompton S	Closed
82233 002 F2F	---R---	06:00-07:50 PM	08/22/19-12/15/19	ITC 187	Meyers G	Closed
83105 003 F2F	-T-----	06:00-07:50 PM	08/20/19-12/15/19	ITC 187	Meyers G	Closed

## MFAB 241 - Gas Tungsten Arc Welding (GTAW) II

Upon successful completion of this course the student will be able to do more advanced GTAW welding projects. Weld in a variety of positions and on several thicknesses of material. Emphasis will be on safety, quality, measurements, and out of position welding. Students will weld on tubular material of a variety of sizes and thicknesses. Square and/or round tube will be fabricated to mate at several common angles using power tools and equipment. Prerequisite: MFAB 136.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$150

Outline ([http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_241](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82228 001 F2F	-TW----	05:00-05:50 PM	10/15/19-12/04/19	WLB 102	Massey J	Closed
	Lab -TW----	06:00-09:50 PM	10/15/19-12/04/19	ATB 150		

SB 155 Excel in CTE

## MFAB 255 - Advanced Machine Tool Technology

This course provides students further instruction and practice on machine tool operations. Advanced techniques using lathes, milling machine, drill presses and precision grinders and the use of specialized tooling, clamps and jigs are covered. Machining techniques requiring special applications such as steady rest, and centering techniques will be addressed. Students will learn the various techniques of working with stock to produce parts from drawing, plans and sketches. Hardening, tempering and basic metallurgy will also be covered. Prerequisite: MFAB 128.

**Credit Hours: 3**

**Associated Costs:** \$85

Outline ([http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB\\_255](http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82241 001 F2F	---R---	05:00-05:50 PM	08/22/19-12/15/19	ITC 183	Tanking J	Closed
	Lab ---R---	06:00-09:50 PM	08/22/19-12/15/19	ATB 192		

SB 155 Excel in CTE

## Med Info & Revenue Management



## MIRM 140 - Fundamentals of Health Records

This course introduces students to foundational concepts in the management, storage, retrieval and use of health information in healthcare settings. Instruction focuses on the content and uses of health records, professional roles within the health information profession and accreditation and regulatory requirements in the management of health information.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_140](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80077 350 ONLINE	-----	-	08/19/19-12/09/19	Online	Kraus A	Closed

*SB 155 Excel in CTE*

## MIRM 141 - Computer Systems for Health Information Management Professionals

This course introduces students to various information systems and technologies used in non-clinical and clinical areas of healthcare. Students will also explore the emergence of electronic health records and health information exchange activities, as well as the health policy environment influencing the use of technology in healthcare. Simulation using health information systems, electronic health records, administrative information systems and encoder software is embedded in this course to provide insight into health information management operations. The importance of data quality as a foundation to meaningful information within healthcare information systems is emphasized. Prerequisite: HCIS 255.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_141](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80078 350 ONLINE	-----	-	08/19/19-12/09/19	Online	Kraus A	Closed

*SB 155 Excel in CTE*

## MIRM 142 - Legal and Ethical Issues in Healthcare

This course introduces the U.S. legal system, laws and ethical issues and how they relate to healthcare.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_142](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80079 350 ONLINE	-----	-	08/19/19-12/09/19	Online	King C	Closed
80080 351 ONLINE	-----	-	08/19/19-12/09/19	Online	King C	Closed

## MIRM 143 - Coding Classification Systems I

This course focuses on the International Classification of Diseases 9th revision clinical modification (ICD-9-CM), as well as the 10th revision clinical modification and procedural coding system (ICD-10-CM/PCS) used in medical coding. Students will learn the role of ICD-9-CM and ICD-10-CM/PCS in coding for inpatient healthcare encounters, as well as the use of ICD-9-CM and ICD-10-CM codes for diagnosis coding in ambulatory and physician service settings. Students will examine the evolution from ICD-9-CM to ICD-10-CM/PCS in the United States, as well as compare and contrast between the 9th and 10th revisions of ICD. Instruction focuses on the importance of ethical conduct for coding professionals. Prerequisite: BIOL 144 and HC 130 and MIRM 140.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_143](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80081 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/10/19	RC 342	Spiegel J	Closed

*SB 155 Excel in CTE*

## MIRM 144 - Coding Classification Systems II

This course focuses on Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding classification systems. Students learn the role of CPT and HCPCS in coding for outpatient services and procedures, as well as physician services. Instruction focuses on the importance of ethical conduct for coding professionals. Prerequisite: MIRM 143.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_144](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_144))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80082 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/12/19	RC 342	Hansen A	Closed

*SB 155 Excel in CTE*

### MIRM 145 - Reimbursement Methodologies

This course examines healthcare reimbursement and financing in the United States. Course content focuses on the role of third-party payers, regulatory and health policy influences and the role of coding and reimbursement professionals in the revenue cycle. Legal and ethical dilemmas related to the reimbursement process are also discussed. Prerequisite: MIRM 143.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_145](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80083 350 ONLINE	-----	-	08/19/19-12/09/19	Online	Kraus A	Closed

*SB 155 Excel in CTE*

### MIRM 146 - Coding Classification Systems III

This course focuses on intermediate-level content related to diagnosis and procedure coding. Students will build upon entry-level knowledge of diagnosis and procedure coding for hospitals, ambulatory healthcare settings and physician services. Students will apply this knowledge to more complex coding topics and exercises. Instruction focuses on the importance of ethical conduct for coding professionals. Prerequisite: MIRM 144.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_146](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80084 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/10/19	RC 185	Kraus A	Closed

*SB 155 Excel in CTE*

### MIRM 147 - Introduction to Pharmacology

This course introduces basic concepts of pharmacology and provides an overview of various types of medications. Students will also examine common medical conditions categorized by body system and identify commonly used pharmacologic treatments. An explanation of how assorted medications work within the body will be provided. After successful completion of this course, students will be able to comprehend health record documentation pertaining to medications and their uses in patient care. Prerequisite: BIOL 144 and HC 130.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_147](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80085 001 F2F	M-----	06:00-07:50 PM	08/26/19-12/09/19	RC 342	D'Albini L	Closed

*SB 155 Excel in CTE*

### MIRM 148 - Medical Coding Internship

This internship provides students with real-world coding experience in a healthcare facility. Students will shadow professional coders, as well as practice coding for a 40-hour work week. This internship also introduces students to various departments and professionals whose job functions relate to the work of medical coders through tours and interviews in the healthcare facility, with approximately 8 hours spent in this capacity. Students will prepare a daily journal describing their internship experiences. This

internship includes 48 hours of internship responsibilities. A background check will be conducted on each student for internship placement purposes. Some healthcare facilities may require TB skin tests and/or drug screens for interns. Prerequisite or Corequisite: MIRM 146 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM\\_148](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_148))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80086 500 INT	M-----	05:00-05:50 PM	08/26/19-08/26/19	RC 342	Kraus A	2 of 8
	-----	-	08/26/19-12/09/19			

*SB 155 Excel in CTE*

Requirement: Department approval

## Marketing Management

### MKT 121 - Retail Management

Upon successful completion of this course, the student should be able to describe and analyze retail store organization and operation including customer markets, store location and design, human resource management, merchandise planning and control, and retail promotion.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_121](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80222 001 F2F	M-W----	12:30-01:45 PM	08/19/19-12/11/19	GEB 354	Reynolds J	Closed

*SB 155 Excel in CTE*

80223 350 ONLNE	-----	-	08/26/19-12/15/19	Online	Hulen P	Closed
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*SB 155 Excel in CTE*

### MKT 134 - Professional Selling

Upon successful completion of this course, the student should be able to describe the process of successful selling. In addition, the student should be able to define the steps of selling and identify appropriate application. The student should also be able to apply selling principles through role-play.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_134](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80224 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/12/19	GEB 258	Hulen P	Closed

*SB 155 Excel in CTE*

80229 350 ONLNE	-----	-	08/26/19-12/15/19	Online	Smith B	Closed
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*SB 155 Excel in CTE*

80226 351 ONLNE	-----	-	10/14/19-12/08/19	Online	Smith B	Closed
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*SB 155 Excel in CTE*

### MKT 146 - Introduction to Social Media Marketing

Students in this course will survey usage of social media for marketing purposes. This course will study the relevance and importance of new and emerging marketing processes within social media. Students will analyze basic practical social media as well as learn "best practices" and use different social media throughout the class to create content. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_146](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80227 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Spilde B	Closed
80228 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	08/19/19-12/15/19	Online	Spilde B	Closed
80230 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	10/14/19-12/08/19	Online	Lambert D	Closed

## MKT 180 - Experiential Marketing

This course consists of a series of hands-on experiences designed to help students identify and enhance skills needed as a marketing professional. Each experience will give students the opportunity to apply knowledge gained in prior class work toward the management of real-world marketing positions, as well as prepare them for the job search. Students will acquire this applied experience in appropriate business situations through the development and implementation of an individualized professional development plan, job shadowing, involvement in professional marketing associations and events, informational interviews, a marketing simulation, the development of materials to support a job search, and analysis of/reflection on these activities.

**Credit Hours: 3**

**Associated Costs:** \$50 to \$100

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_180](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80232 376 HYB	---R---	02:00-04:30 PM	09/05/19-09/05/19	GEB 258	Hulen P	Closed
	-----	-	09/05/19-12/15/19	Online		
	---R---	02:00-04:30 PM	10/03/19-10/03/19	GEB 258		
	---R---	02:00-04:30 PM	11/07/19-11/07/19	GEB 258		
	---R---	02:00-04:30 PM	12/05/19-12/05/19	GEB 258		

*Mandatory Classroom Meetings*

*SB 155 Excel in CTE*

## MKT 202 - Consumer Behavior

Upon successful completion of this course, the student should be able to analyze the elements and influences that affect consumer behavior. In addition, the student should be able to apply the basic principles of consumer behavior and insight to the application of consumer-research findings used in the professional practice of marketing.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_202](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80250 350 ONLNE	-----	-	09/03/19-12/15/19	Online	Lundeen S	Closed

## MKT 205 - eMarketing

The Internet has led to an increasingly connected environment, and the growth of Internet usage has resulted in the declining distribution of traditional media: television, radio, newspapers, and magazines. Marketing in this connected environment and using that connectivity to market is eMarketing. In this course, the student will understand and recognize the importance of an integrated eMarketing communications plan in order to coordinate all of the promotional mix and marketing communications elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, social media, web design, public relations and interactive media. The course integrates theory with planning, management and strategy plus hands-on experience. eMarketing explores how to use integrated web, email and database technologies in pre-built, personalized marketing campaigns to acquire and retain customers. Upon completion, the student will be able to develop an effective eMarketing communications program.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_205](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80251 001 F2F	--W----	02:00-03:45 PM	09/04/19-12/15/19	GEB 258	Lambert D	Closed
<i>SB 155 Excel in CTE</i>						
80252 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Webb E	Closed
<i>SB 155 Excel in CTE</i>						
83177 352 ONLNE	-----	-	10/14/19-12/08/19	Online	Webb E	Closed
<i>SB 155 Excel in CTE</i>						

## MKT 221 - Sales Management

Upon successful completion of this course, the student should be able to identify skills necessary to manage a sales force and develop a plan for recruitment selection, training, motivation and evaluation. In addition, the student should be able to describe and analyze techniques to forecast and plan sales and audit results. Prerequisite: MKT 134.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_221](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80268 350 ONLNE	-----	-	08/26/19-12/15/19	Online	Hulen P	Closed
<i>SB 155 Excel in CTE</i>						

## MKT 230 - Marketing

Upon successful completion of this course, the student should be able to explain the concepts of production, consumption and distribution in relation to a free enterprise economy; list the basic channels of distribution available to the manufacturer of consumer and industrial products; explain and compare the distribution functions of the manufacturer, wholesaler and retailer; and state the procedures necessary to develop a total marketing plan for a given product, service or product line. In addition, the student should be able to discuss the fundamental principles of consumer behavior in the buying process and apply those principles to target market strategies.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_230](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80255 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/13/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
80256 003 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/13/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
80257 004 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/12/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
80258 350 ONLNE	-----	-	08/19/19-12/13/19	Online	Crane K	Closed
<i>SB 155 Excel in CTE</i>						
80259 351 ONLNE	-----	-	08/19/19-12/13/19	Online	Crane K	Closed
<i>SB 155 Excel in CTE</i>						
80260 352 ONLNE	-----	-	09/03/19-12/15/19	Online	Lambert D	Closed
<i>SB 155 Excel in CTE</i>						
80261 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Lundeen S	Closed
<i>SB 155 Excel in CTE</i>						
83234 354 ONLNE	-----	-	12/11/19-01/08/20	Online	Hulen P	Closed
<i>SB 155 Excel in CTE</i>						

## MKT 240 - Advertising and Promotion

In this course, the student will understand and recognize the importance of an integrated marketing communications planning model in order to coordinate all of the promotional mix elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, public relations and interactive media. The course integrates theory with planning, management and strategy. Upon completion, the student will be able to develop an effective marketing communications program.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_240](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80263 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Smith B	Closed

*SB 155 Excel in CTE*

## MKT 275 - Marketing Analytics and CRM (Customer Relationship Management)

This course will focus on the principles and strategic concepts of marketing analytics and customer relationship management (CRM). Digital marketing analytics uses digital models and metrics to improve marketing decisions and return on marketing investment (ROMI). Students will analyze the most up-to-date technologies in digital data analytics, automated marketing, database management and CRM, as well as the role of business intelligence based on data in this process. Furthermore, the student will interpret the value of analytics and CRM in uncovering the human element in data and discovering behavioral insights that lead to higher profits. At the core of this class is the application of database marketing and maintaining profitable customer relationships.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_275](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_275))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80264 350 ONLNE	-----	-	09/09/19-12/15/19	Online	Hollister A	Closed

## MKT 284 - Marketing Management Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 48 hours, per semester, of on-the-job training is required.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_284](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80265 500 INT	-----	-	08/19/19-12/15/19		Hulen P	9 of 15

*SB 155 Excel in CTE*

## MKT 286 - Marketing Management Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 48 hours, per semester, of on-the-job training is required. Prerequisite: MKT 284.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_286](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_286))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80266 500 INT	-----	-	08/19/19-12/15/19		Hulen P	4 of 8

*SB 155 Excel in CTE*

Requirement: Department approval

## MKT 290 - Capstone: Marketing Management

Upon successful completion of this course, the student should be able to identify problems, develop and describe the situational analysis, formulate alternative solutions, and reach and explain a decision for each issue. In addition, the student should be able to apply the knowledge of marketing and management concepts and techniques in the analysis of cases and actual business situations. The student will finalize a resume and marketing portfolio. Prerequisite: MKT 134 and MKT 205 and MKT 230 or

department approval. Prerequisite or Corequisite: MKT 180.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mkt/#MKT\\_290](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_290))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80267 960 ONLINE	-----	-	08/19/19-12/15/19	Online	Hulen P	Closed

*SB 155 Excel in CTE*

## Music

### MUS 121 - Introduction to Music Listening

This course is designed to enhance student music listening. Students will learn to identify changes in the elements of music through the different stylistic periods of classical music. Factual and historical information will be presented to broaden the student's cultural and music appreciation. Students will hear recorded examples of music from the Medieval, Renaissance, Baroque, Classical, Romantic and 20th-century eras, as well as popular American forms and music from non-Western cultures.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_121](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82292 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 144	Peters C	Closed

*General Education Designation  
KBOR Seamless Transfer*

82294 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 144	Pischnotte Z	Closed
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*KBOR Seamless Transfer  
General Education Designation*

82295 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	OCB 144	Ray J	Closed
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*General Education Designation  
KBOR Seamless Transfer*

82293 004 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	OCB 144	Ray J	Closed
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*KBOR Seamless Transfer  
General Education Designation*

82296 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Teal T	Closed
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*General Education Designation  
KBOR Seamless Transfer*

82297 352 ONLINE	-----	-	08/19/19-12/15/19	Online	Peters C	Closed
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*KBOR Seamless Transfer  
General Education Designation*

82298 353 ONLINE	-----	-	08/19/19-12/15/19	Online	Pischnotte Z	Closed
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*KBOR Seamless Transfer  
General Education Designation*

### MUS 123 - Introduction to Music Fundamentals

This course is designed to present the fundamentals of music theory to students who have no previous background or training in that subject. Students will receive detailed instruction in naming notes; scales and chords; building intervals; and correlating these skills to the keyboard.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_123](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82299 001 F2F	-T-R---	11:00-11:50 AM	08/20/19-12/15/19	OCB 192	Shiflett K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
82300 201 F2F	-T-----	06:00-08:00 PM	09/03/19-12/15/19	OCB 144	King-Smith T	Closed

## MUS 124 - Basic Music for the Elementary Classroom

This course is designed to prepare the future classroom teacher in the fundamentals of music and awareness of the foundations of elementary school music. Students will also engage in a series of projects that introduce integration of music in the elementary classroom. This will be accomplished through application of musical concepts through classroom recorder playing, and a repertoire of standard songs for elementary age singers. 2 hrs. lecture/wk.

**Credit Hours: 2**

**Associated Costs:** \$0 to \$25

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_124](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82301 001 F2F	M-W----	11:00-11:50 AM	08/19/19-12/15/19	OCB 144	Shiflett K	Closed
82307 002 F2F	-T-R---	12:30-01:20 PM	08/20/19-12/15/19	OCB 144	Shiflett K	Closed

## MUS 125 - Introduction to Jazz Listening

This is an entry-level course for the student with little or no prior knowledge of the American art form of jazz music. Through reading and listening, the student will learn the basic structure of the elements of music and how these are organized to create jazz. Topics to be covered will include rhythm, harmony, and form; Dixieland style; swing style; bop; and contemporary jazz.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_125](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82308 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	OCB 144	Heinlein R	Closed

*General Education Designation*

## MUS 126 - Introduction to World Music

This course provides students with an introduction to the musical heritage of the world. Through an interdisciplinary approach targeting the arts, humanities and social sciences, the course fosters skills necessary to gain a deeper appreciation of both familiar and unfamiliar musical traditions. The course will survey a representative cross section of the major musical traditions of the world, which may include Native American, Black American, sub-Saharan African, Eastern European/Bosnian, Indian, Indonesian, Japanese and Latin American/Brazilian traditions. Note: The course does not require the ability to read music.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_126](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82684 001 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	OCB 144	Lower J	Closed

*Cultural Diversity Designation*

*General Education Designation*

82685 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Lower J	Closed
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*General Education Designation*

*Cultural Diversity Designation*

## MUS 128 - History of Rock and Roll Music

Through the study of the history of Rock and Roll music, students will discover how the various styles and structures of Rock have evolved, and how these styles reflected the social and cultural events in each stylistic era. By studying this history the students will also learn about the major Rock artists and what their contributions were to the development of the art form and the social climate in which the artist lived. The course will also address the role of technology on the development of the music and the music business.

**Credit Hours: 3**



Associated Costs: \$0 to \$45

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_128\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82309 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	LIB 353B	Fitzer H	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						
82310 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Fitzer H	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i>						
82311 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Fitzer H	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i>						
83220 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Fitzer H	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i>						

### MUS 131 - Sight-Singing and Ear Training I

This course is an introduction to sight singing and ear training. Basic methods of reading music are presented and practiced. Students are also trained to recognize aurally and notate the basic elements of music: intervals, diatonic melodies, simple rhythms, chord qualities, and basic harmonic progressions. The content is designed to complement the Harmony I course, though it is not necessary they be taken in the same semester.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_131\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82312 001 F2F	-T-R---	10:00-10:50 AM	08/20/19-12/15/19	OCB 192	Heinlein R	Closed

### MUS 141 - Music Theory: Harmony I ▶

This course is a basic study of the harmonic system sited in Western music composed from 1650 to 1900 and still in use in areas of music composition. Students will learn the basic skills involved in writing and analyzing music of this nature, as well as play simple chord progressions on the piano.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_141\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82313 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	OCB 192	Teal T	Closed
<i>KBOR Seamless Transfer</i>						
82314 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Teal T	Closed
<i>KBOR Seamless Transfer</i>						

### MUS 151 - Mixed Vocal Ensemble I

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. Prerequisite: Audition and department approval.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_151\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82315 201 F2F	M-W-F--	02:00-02:50 PM	09/04/19-12/15/19	OCB 192	Teal T	Closed

## MUS 152 - Mixed Vocal Ensemble II

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. Prerequisite: MUS 151 and department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_152\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82316 201 F2F	M-W-F--	02:00-02:50 PM	09/04/19-12/15/19	OCB 192	Teal T	Closed

## MUS 153 - Mixed Vocal Ensemble III

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. Prerequisite: MUS 152 and department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_153\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_153)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82317 201 F2F	M-W-F--	02:00-02:50 PM	09/04/19-12/15/19	OCB 192	Teal T	Closed

## MUS 154 - Mixed Vocal Ensemble IV

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. Prerequisite: MUS 153 and department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_154\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82318 201 F2F	M-W-F--	02:00-02:50 PM	09/04/19-12/15/19	OCB 192	Teal T	Closed

## MUS 155 - Introduction to the Recording Studio

This course is design to provide a basic overview of the contemporary digital recording studio. Students will learn though demonstration and practice how to use current hardware and software used to produce music.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_155\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82319 001 F2F	M-W----	10:00-10:50 AM	08/19/19-12/15/19	OCB 108	Ransom T	Closed
82320 002 F2F	M-W----	01:00-01:50 PM	08/19/19-12/15/19	OCB 364	King-Smith T	Closed
82321 003 F2F	M-W----	02:00-02:50 PM	08/19/19-12/15/19	OCB 364	King-Smith T	Closed
82322 004 F2F	M-W----	03:00-03:50 PM	08/19/19-12/15/19	OCB 364	King-Smith T	Closed

## MUS 156 - MIDI Music Composition

MIDI Music Composition I is designed to create a technical and conceptual foundation for further studies in electronic music. Students will learn and demonstrate basic compositional techniques, including form, melody, rhythm and harmony. Also, the student will demonstrate the ability to use computers and software to create and perform music. Emphasis will be on developing skills appropriate to the beginning student for the purpose of creative and technical expression.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_156](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_156))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82324 001 F2F	-T-R---	09:00-10:50 AM	08/20/19-12/15/19	OCB 364	Moreland M	Closed
82325 002 F2F	-T-R---	11:00-12:50 PM	08/20/19-12/15/19	OCB 364	Moreland M	Closed
82326 003 F2F	-T-R---	02:00-03:50 PM	08/20/19-12/15/19	OCB 364	Olvera V	Closed
82327 376 HYB	----S-	11:00-12:50 PM	08/19/19-12/15/19	OCB 364	Olvera V	Closed
	-----	-	08/19/19-12/15/19	Online		

## MUS 157 - Introduction to Digital Audio

Introduction to Digital Audio is designed to further develop skills acquired in MIDI Music Composition I. Students will practice using ProTools digital audio software, combined with a digital audio interface to record, edit and play back music. Students will be introduced to basic concepts of sound, and common audio effects, including reverb, delay and compression. Students will also further develop their compositional skills through demonstration and practice, and create audio recordings of their music. Prerequisite: MUS 155 or MUS 156.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_157](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_157))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82328 001 F2F	-T-R---	04:00-05:50 PM	08/20/19-12/15/19	OCB 364	Olvera V	Closed
82329 002 F2F	--W-F--	09:00-10:50 AM	08/21/19-12/15/19	OCB 364	Moreland M	Closed
82330 003 F2F	--W-F--	11:00-12:50 PM	08/21/19-12/15/19	OCB 364	Moreland M	Closed

## MUS 158 - Recording Studio I

This course is designed to develop both the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will acquire an increased proficiency with the operation of ProTools, the industry standard digital audio software, and the corresponding digital audio hardware. Students will demonstrate knowledge of microphone types and techniques by conducting simple recording sessions, from set-up to final mix. Prerequisite: MUS 157.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_158](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_158))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82331 001 F2F	M-W----	11:00-01:20 PM	08/19/19-12/15/19	OCB 108	Ransom T	Closed

## MUS 159 - Recording Studio II

This course is designed for the student interested in the continued development of the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will understand simple copyright types and procedures, and create an itemized budget to establish a digital project studio. Students will demonstrate advanced knowledge of ProTools, and apply final mastering techniques in order to compile a portfolio of original music for personal, academic or professional purposes. Prerequisite: MUS 158.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_159](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_159))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82660 001 F2F	M-W----	02:00-04:20 PM	08/19/19-12/15/19	OCB 108	Ransom T	Closed

## MUS 161 - Chamber Choir I

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. Prerequisite: Audition and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_161](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_161))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82334 201 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 192	Teal T	Closed

## MUS 162 - Chamber Choir II

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. Prerequisite: MUS 161 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_162](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_162))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82352 201 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 192	Teal T	Closed

## MUS 163 - Chamber Choir III

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. Prerequisite: MUS 162 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_163](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_163))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82354 201 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 192	Teal T	Closed

## MUS 164 - Chamber Choir IV

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. Prerequisite: MUS 163 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_164](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_164))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82356 201 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	OCB 192	Teal T	Closed

## MUS 169 - Voice Class I

This is an entry level course for voice study in a group setting. No previous voice study or music instruction is required. Students will be introduced to the basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. Vocal technique is approached from a classical perspective, however, the class includes discussion on appropriate usage of the voice in different styles.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_169\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82357 001 F2F	-T-R--	12:30-01:20 PM	08/20/19-12/15/19	OCB 192	Ray J	Closed

## MUS 170 - Voice Class II

This course is a continuation of Voice Class I, voice study in a group setting. Students will focus on the reinforcement of basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. Prerequisite: MUS 169.

**Credit Hours: 2**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_170\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82358 001 F2F	-T-R--	12:30-01:20 PM	08/20/19-12/15/19	OCB 192	Ray J	Closed

## MUS 176 - Jazz Band I

This is an entry-level course in the jazz band performing format for the student with little or no experience in this course of study. The student will learn, through rehearsal and performance, the basic elements of music and how these are utilized in the jazz band. Topics will include simple rhythms, basic melodic construction and major scale construction. Prerequisite: Audition and department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_176\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82359 201 F2F	M-W-F--	12:00-12:50 PM	09/04/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 177 - Jazz Band II

This is a beginning-level course for the student with at least one semester of prior jazz band experience. Through rehearsal and performance, the student will learn beginning elements of music as applied to the jazz band performing format. Topics covered will include syncopated rhythm, Dorian minor scales and blues form. Prerequisite: MUS 176 or department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_177\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_177)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82360 201 F2F	M-W-F--	12:00-12:50 PM	09/04/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 178 - Jazz Band III

This is an intermediate-level course for the student with at least two semesters of prior jazz band experience. Through rehearsal and performance, the intermediate levels of jazz band performance will be learned. Topics covered will include Latin style, Mixolydian scales and the 32-bar song form. Prerequisite: MUS 177 or department approval.

**Credit Hours: 1**

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_178\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82361 201 F2F	M-W-F--	12:00-12:50 PM	09/04/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 179 - Jazz Band IV

This is an advanced-level course for the student with at least three semesters of prior jazz band experience. Advanced elements of jazz music will be learned through rehearsal and performance. Topics covered will include Lydian scales and ensemble performance techniques. Prerequisite: MUS 178 or department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_179](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_179))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82362 201 F2F	M-W-F--	12:00-12:50 PM	09/04/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 185 - Live Sound Production I

This course is designed to teach the basic elements of sound, and the equipment and set-ups required to operate sound at live venues, like churches, live theaters or live musical venues. Students will learn techniques through demonstration, lecture and "hands-on" exercises in a professional facility. 4 hrs. integrated lecture/lab/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_185](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_185))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82363 001 F2F	M-----	01:00-04:50 PM	08/19/19-12/15/19	CC YAR	Gregory S	Closed

## MUS 187 - Jazz Improvisation I

This is an entry-level course for the student with little or no jazz improvisation experience. Through written work and performance on the instrument of choice, the student will learn the basic elements of jazz improvisation. Topics to be covered will include identification and performance of basic intervals, major scales, Dorian modes, Mixolydian modes, major seventh chords, minor seventh chords, dominant seventh chords and the basic blues form. Prerequisite: Department approval.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_187](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_187))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82365 001 F2F	-T-R--	12:30-01:20 PM	08/20/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 191 - Concert Band I

This is an entry-level course in the concert band format for the student with little or no concert band experience. Students will learn the basic elements of music as related to the concert band through rehearsal and performance. Topics include counting and subdividing motifs into melodies; and differentiating between major and minor tonalities. Prerequisite: Department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_191](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82366 201 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 192 - Concert Band II

This is a beginning-level course in the concert band format for the student with at least one semester of prior concert band experience. Students will learn the beginning-level elements of music as related to the concert band through rehearsal and performance. Topics to be covered include odd meters, minor scales and homophonic texture. Prerequisite: MUS 191 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_192](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82367 201 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 193 - Concert Band III

This is an intermediate course for the student with at least two semesters of prior concert band experience. Through rehearsal and performance, the student will learn intermediate levels of the elements of music in the concert band format. Topics will include parade march style, concert march style and concert overture style.

Prerequisite: MUS 192 and department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_193](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_193))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82368 201 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 194 - Concert Band IV

This is an advanced course for the student with at least three semesters of prior concert band performing experience. Through rehearsal and performance, the student will learn the advanced concepts of concert band performance. Topics will include polyphonic texture, concert suite style and medley style. Prerequisite: MUS 193 or department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_194](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_194))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82369 201 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 201 - Chamber Ensemble I

This is an entry-level course for the student with little or no experience in the chamber ensemble performing format. Through written work and performance on the chosen instrument, the student will learn the basic fundamentals of this performing medium. Topics to be covered will include tone quality, intervals and rhythmic patterns.

Prerequisite: Department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_201](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82370 001 F2F	----F--	08:00-08:50 AM	08/23/19-12/15/19	OCB 182	Heinlein R	Closed
82371 002 F2F	--W----	07:00-08:50 PM	08/21/19-12/15/19	OCB 182	Pretzel M	Closed

## MUS 202 - Chamber Ensemble II

This is a beginning-level course for the student with at least one semester of experience in the chamber ensemble performing format. Through written work and performance on the chosen instrument the student will learn the basic fundamental of this performing medium. Topics to be covered will include minor scales, chord construction and compound rhythms. Prerequisite: MUS 201 or department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_202](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_202))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82372 001 F2F	----F--	08:00-08:50 AM	08/23/19-12/15/19	OCB 182	Heinlein R	Closed

## MUS 221 - Piano Class I

This course provides a basic knowledge of music and the essential techniques required to play the piano. Students will learn essential musical terminology, including musical notation and symbols, major and minor key signatures, and the harmonization of melodies using tonic and dominant triads. Specific piano-related terminology will include finger exercises, basic keyboard repertoire using major and minor five-finger patterns, major and minor scales, major and minor triads in root position, ensemble playing of two to four parts, and the formation of good practice habits. Group Piano II should follow the successful completion of this course. Private piano lessons are encouraged for students who successfully complete both courses.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_221](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82415 001 F2F	M-W----	12:00-12:50 PM	08/19/19-12/15/19	OCB 362	Peters C	Closed
82416 002 F2F	-T-R--	10:00-10:50 AM	08/20/19-12/15/19	OCB 362	Pretzel M	Closed
82418 004 F2F	--W-F--	09:00-09:50 AM	08/21/19-12/15/19	OCB 362	Pretzel M	Closed
82419 005 F2F	--W-F--	10:00-10:50 AM	08/21/19-12/15/19	OCB 362	Pretzel M	Closed
82420 006 F2F	--W-F--	11:00-11:50 AM	08/21/19-12/15/19	OCB 362	Pretzel M	Closed

## MUS 222 - Piano Class II

This is a beginning-level course that provides a basic knowledge of keyboard instruments. Students will learn and review musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor scales; exercises and repertoire using major, minor, diminished and augmented triads in root position and inversions; chord progressions; ensemble playing of two to four parts; and use of the damper pedal. This course is the continuation of MUS 221. Completion of this course should precede Applied Piano I. This course is for beginners able to progress at a fast pace, students with minimal previous experience or students who have completed MUS 221. Prerequisite: MUS 221 and department approval.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_222](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_222))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82421 001 F2F	-T-R--	11:00-11:50 AM	08/20/19-12/15/19	OCB 362	Pretzel M	Closed

## MUS 226 - Applied Guitar I (Class)

Students will be provided with a foundation in guitar technique upon which to base further study of the instrument. The course consists of an introduction to the use of the guitar as a solo, accompaniment and ensemble instrument.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_226](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_226))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82422 001 F2F	M-----	12:00-12:50 PM	08/19/19-12/15/19	OCB 192	Fitzer H	Closed
82423 002 F2F	--W----	06:00-06:50 PM	08/21/19-12/15/19	OCB 192	Fitzer H	Closed

## MUS 232 - Applied Voice II (Private)

This course uses private lessons to continue instruction in beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire. Prerequisite: MUS 231.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_232](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_232))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82432 603 PVL	-----	-	08/19/19-12/15/19	OCB 184	Shiflett K	1 of 1

Requirement: Department approval

82433 604 PVL	-----	-	08/19/19-12/15/19	OCB 184	Ray J	1 of 1
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Requirement: Department approval

## MUS 233 - Applied Voice III (Private)



This course uses private lessons to continue instruction in beginning intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.  
Prerequisite: MUS 232.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_233](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82434 601 PVL	-----	-	08/19/19-12/15/19	OCB 184	Shiflett K	1 of 1

Requirement: Department approval

82435 603 PVL	-----	-	08/19/19-12/15/19	OCB 184	Shiflett K	1 of 1
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Requirement: Department approval

## MUS 241 - Applied Guitar I (Private)

In this private study in basic guitar technique, emphasis will be upon playing position, posture, tone production and basic music reading skills. Students will begin with studies and short pieces.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_241](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_241))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83190 602 PVL	-----	-	08/19/19-12/15/19	OCB 188	Fitzer H	2 of 2

Requirement: Department approval

## MUS 249 - Applied Classical Guitar IV (Private)

This continuation of private study in intermediate classical guitar technique and repertoire will emphasize classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will progress toward playing and performing more advanced pieces and guitar studies.

Prerequisite: MUS 248 or department approval.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_249](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_249))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82445 601 PVL	-----	-	08/19/19-12/15/19	OCB 188	Fitzer H	1 of 1

Requirement: Department approval

## MUS 251 - Applied Brass I (Private)

This is an entry-level course for the student with little or no experience in performing on a brass instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic concepts of brass performance. Topics to be covered include tone production, basic musical intervals and major scales.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/mus/#MUS\\_251](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_251))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82446 601 PVL	-----	-	08/19/19-12/15/19	OCB 184	Heinlein R	3 of 3

Requirement: Department approval

## Neurodiagnostic Technology

### NDT 125 - Introduction to Neurodiagnostic Technology

This course provides an introduction to Neurodiagnostic Technology (NDT) including history, concepts, techniques, and instruments used in recording brain activity. Students will engage in a variety of learning activities to explore the Neurodiagnostic career field and establish foundational concepts used in later courses. In the lab, students will receive hands-on experience using the internationally recognized method to describe the location of scalp electrodes (International 10-20 System). Emphasis will be placed on ensuring electrical safety, electrode application, patient interaction, developing an accurate patient history, careful handling of the patient, reviewing normal electroencephalographic (EEG) activity, identifying normal variants and artifacts. The course will use a blended approach that ties the classroom concepts to performing an EEG in the lab. Prerequisite: Admission to the Neurodiagnostic Program. Corequisite: EMS 121 and NDT 130 and NDT 135.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_125](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82232 001 CLI	-T-R---	08:00-12:00 PM	08/19/19-10/13/19	 OHEC 105	Portmann R Beck A	<b>Closed</b>
	<b>Lab</b> -T-----	01:00-05:00 PM	08/19/19-10/13/19			


*SB 155 Excel in CTE*

## NDT 130 - Foundations of Neurodiagnostic Technology

Students will engage in a variety of learning activities to build on neurodiagnostic technology knowledge to perform diagnostic procedures and react to patient responses in the clinical setting. This course is designed to build on learned concepts of anatomy and physiology. Emphasis will be on neurobiological processes and patient responses to medication and diseases. Students will explore medications that affect the cellular function of the nervous system and how chemical interactions alter the electroencephalogram (EEG). Students will also study how medications treat or alleviate symptoms of neurological disorders. Prerequisite: Admission to the Neurodiagnostic Program. Corequisite: NDT 125 and NDT 135. Prerequisite or Corequisite: EMS 121.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_130](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82235 001 CLI	---R---	01:00-04:00 PM	08/22/19-12/12/19	 OHEC 119	Sanner C McGinnis S Beck A	<b>Closed</b>

*SB 155 Excel in CTE*

## NDT 135 - Pediatric Neurodiagnostic Technology I

This course will discuss pediatric terminology as it relates to the Neurodiagnostic Technology (NDT) field. Students will study the development of the brain from premature infants to older children and its correlations on the electroencephalogram (EEG). Students will learn to assess pediatric electrographic activity in a variety of ranges including pediatric EEG variants, normal and abnormal categories, as well as seizure patterns. In the lab students will develop the skills necessary for accurate electrode placement and application on pediatric patients. A variety of learning activities will allow students to perform an EEG in the lab prior to performing an EEG in the clinical setting. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom and simulated lab setting. Prerequisite: Admission to the Neurodiagnostic Program. Corequisite: NDT 125 and NDT 130.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_135](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82237 001 CLI	-T-R---	08:00-12:00 PM	10/15/19-12/05/19		Sanner C Portmann R Beck A	<b>Closed</b>
	<b>Lab</b> -T-----	01:00-05:00 PM	10/15/19-12/03/19			


*SB 155 Excel in CTE*

## NDT 225 - Polysomnography

This course will provide a comprehensive study of Polysomnography (PSG) including: the history of sleep medicine, neurophysiologic mechanisms of normal sleep, cardiopulmonary anatomy and physiology as it relates to sleep medicine, electrocardiogram (ECG) interpretation, sleep study equipment, disease processes and conditions which adversely affect sleep, patient and equipment preparation, PSG monitoring and documentation, sleep study scoring, and therapeutic interventions associated with PSG procedures. Prerequisite: NDT 140 with a grade of "C" or higher and NDT 145 with a grade of "C" or higher and NDT 150 with a grade of "C" or higher and NDT 155 with a grade of "C" or higher. Corequisite: NDT 230 and NDT 240.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_225](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
83032 002 CLI	-T-----	08:00-12:00 PM	08/20/19-12/15/19		Sanner C Portmann R	Closed
	Lab -T-----	01:00-04:00 PM	08/20/19-12/15/19	 OHEC		


*SB 155 Excel in CTE*

## NDT 230 - Adult Neurodiagnostic Technology II

This course will expand on concepts acquired in Adult Neurodiagnostic Technology I and include discussion of the effects of trauma and cerebral vascular accidents as well as the use of EEG in differential diagnosis. Students will correlate electroencephalographic (EEG) patterns with clinical conditions. This course reinforces the role of the neurodiagnostic technologist in aiding the physician with differential diagnosis of patients. Students will have the opportunity to refine knowledge and skills related to equipment and modifications of the neurodiagnostic procedures based on current patient information in the co-requisite clinical course. Prerequisite: Admission to the Neurodiagnostic Program and NDT 140 with a "C" or higher and NDT 145 with a "C" or higher and NDT 150 with a "C" or higher and NDT 156 with a grade of "C" or higher. Corequisite: NDT 225 and NDT 240.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_230](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82242 001 CLI	M-----	09:00-12:00 PM	08/19/19-12/15/19	 OHEC 105	Portmann R Beck A	Closed

*SB 155 Excel in CTE*

## NDT 240 - Neurodiagnostic Clinical II

This course is the second in a series of three clinical courses in the Neurodiagnostic Technologist (NDT) program. Students will build on fundamental neurodiagnostic knowledge and skills acquired in the first NDT course to provide a safe recording environment while performing neurodiagnostic recordings. Students will have the opportunity to work with patients under supervision to develop their skills and understanding of NDT procedures. 240 hrs. clinical/total. Prerequisite: NDT 140 with a grade of "C" or higher and NDT 145 with a grade of "C" or higher and NDT 150 with a grade of "C" or higher and NDT 155 with a grade of "C" or higher. Corequisite: NDT 225 and NDT 230.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/ndt/#NDT\\_240](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_240))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82243 001 CLI	--WRF--	07:00-04:00 PM	08/19/19-12/13/19		Sanner C Portmann R Beck A	Closed

*SB 155 Excel in CTE*

## Nursing

### NURS 100 - Concepts of Nursing Care: Foundations

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for patients who present with diverse characteristics across the healthcare continuum. The course establishes a foundation of concepts that students will use and expand upon in subsequent courses. These concepts will serve as a foundation for building the necessary skills to meet program outcomes including clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity, and clinical inquiry. Students will apply theoretical content and therapeutic interventions to patients with common health alterations in the clinical component of the course, which will focus on patients with low complexity diseases (i.e. stable, predictable illnesses). Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, and in the Health Resource Center, the Simulation Center and a variety of healthcare agencies. Prerequisite: Admission to the Nursing Program. Prerequisite or Corequisite: BIOL 227. Corequisite: NURS 125.

**Credit Hours: 8**

Outline ([http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_100](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_100))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82665 001 F2F	M-----	08:00-12:30 PM	08/19/19-08/19/19	RC 101C	Deines W Gibbar S Shank L Aks N Duggan C Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M Russell J McNally J Vraich P Quinn R Vezendan C Schull H Gallagher L Edward C	Closed
	M-----	08:00-12:30 PM	08/19/19-08/19/19	RC 101D		
	M-----	01:30-02:30 PM	08/19/19-08/19/19	SCI 222		
	-T-----	08:00-03:00 PM	08/20/19-08/20/19	SCI 222		
	--W----	08:00-02:00 PM	08/21/19-08/21/19	SCI 222		
	---R---	08:00-02:30 PM	08/22/19-08/22/19	SCI 222		
	---F--	08:00-12:00 PM	08/23/19-08/23/19	CLB 111		
	---F--	08:00-12:00 PM	08/23/19-08/23/19	CLB 113		
	---F--	08:00-12:00 PM	08/23/19-08/23/19	SCI 222		
	M-----	09:00-12:00 PM	08/26/19-08/26/19	SCI 222		
	---F--	08:00-03:30 PM	09/06/19-09/06/19	CLB 111		
	---F--	08:00-03:30 PM	09/06/19-09/06/19	CLB 113		
	M-----	08:00-02:00 PM	09/09/19-09/09/19	SCI 222		
	-T-----	01:00-04:00 PM	09/10/19-09/10/19	SCI 222		
	--W----	01:00-04:00 PM	09/11/19-09/11/19	SCI 222		
	M-----	08:00-04:00 PM	09/16/19-09/16/19	SCI 222		
	M-----	12:00-12:50 PM	09/16/19-09/16/19	CC 211		
	---F--	08:00-11:00 AM	09/20/19-09/20/19	CLB 111		
	---F--	08:00-11:00 AM	09/20/19-09/20/19	CLB 113		
	---F--	08:00-02:30 PM	09/20/19-09/20/19	SCI 222		
	M-----	08:00-02:30 PM	09/23/19-09/23/19	SCI 222		
	M-----	08:00-02:30 PM	10/07/19-10/07/19	SCI 222		
	---F--	07:00-04:00 PM	10/11/19-10/11/19	SCI 222		
	M-----	11:30-02:30 PM	10/14/19-10/14/19	CC 232		
	---F--	08:00-04:00 PM	10/18/19-10/18/19	CLB 111		
	---F--	08:00-04:00 PM	10/18/19-10/18/19	CLB 113		
	M-----	08:00-02:00 PM	10/21/19-10/21/19	SCI 222		
	M-----	08:00-03:00 PM	10/28/19-10/28/19	SCI 222		
	M-----	08:00-02:00 PM	11/04/19-11/04/19	SCI 222		
	---F--	08:00-03:30 PM	11/08/19-11/08/19	SCI 222		
	M-----	08:00-04:00 PM	11/11/19-11/11/19	SCI 222		
	--W----	08:00-04:00 PM	11/13/19-11/13/19	CLB 111		
	--W----	08:00-04:00 PM	11/13/19-11/13/19	CLB 113		
	---R---	08:00-04:00 PM	11/14/19-11/14/19	CLB 111		
	---R---	08:00-04:00 PM	11/14/19-11/14/19	CLB 113		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	09:00-03:00 PM	11/18/19-11/18/19	SCI 222		
	----F--	08:00-12:30 PM	12/06/19-12/06/19	SCI 222		

SB 155 Excel in CTE

## NURS 125 - Health Assessment in Nursing

Health Assessment in Nursing is a three credit course designed to provide students with a basic understanding and working knowledge of health assessment in the adult. The course is divided into modules that correlate with the bodily systems, including content preparation for subsequent courses including pediatric and older adult. Learning environments will include both classroom and simulated lab setting. Prerequisite: Admission to Nursing Program. Corequisite: NURS 100.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_125](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82666</b> 376 HYB	-T-----	09:00-02:00 PM	08/27/19-08/27/19	CLB 111	Deines W Gibbar S Shank L Aks N Duggan C Carver K LaMartina K Barlett M Ronnebaum E Ritter M Russell J McNally J Vraich P Quinn R Vezendan C Schull H Gallagher L Edward C	<b>Closed</b>
	-T-----	09:00-02:00 PM	08/27/19-08/27/19	CLB 113		
	--W----	09:00-02:00 PM	08/28/19-08/28/19	CLB 111		
	--W----	09:00-02:00 PM	08/28/19-08/28/19	CLB 113		
	-T-----	08:30-05:00 PM	09/03/19-09/03/19	CLB 111		
	-T-----	08:30-05:00 PM	09/03/19-09/03/19	CLB 113		
	--W----	08:30-05:00 PM	09/04/19-09/04/19	CLB 111		
	--W----	08:30-05:00 PM	09/04/19-09/04/19	CLB 113		
	-T-----	01:00-04:00 PM	09/10/19-09/10/19	CLB 111		
	-T-----	01:00-04:00 PM	09/10/19-09/10/19	CLB 113		
	--W----	01:00-04:00 PM	09/11/19-09/11/19	CLB 111		
	--W----	01:00-04:00 PM	09/11/19-09/11/19	CLB 113		
	-T-----	08:00-04:00 PM	09/17/19-09/17/19	CLB 111		
	-T-----	08:00-04:00 PM	09/17/19-09/17/19	CLB 113		
	--W----	08:00-04:00 PM	09/18/19-09/18/19	CLB 111		
	--W----	08:00-04:00 PM	09/18/19-09/18/19	CLB 113		
	M-----	08:00-02:00 PM	09/30/19-09/30/19	CLB 111		
	M-----	08:00-02:00 PM	09/30/19-09/30/19	CLB 113		
	-T-----	08:00-02:00 PM	10/01/19-10/01/19	CLB 111		
	-T-----	08:00-02:00 PM	10/01/19-10/01/19	CLB 113		
	----F--	08:00-03:30 PM	10/04/19-10/04/19	CLB 111		
	----F--	08:00-03:30 PM	10/04/19-10/04/19	CLB 113		

SB 155 Excel in CTE

## NURS 200 - Concepts of Nursing Care: Adult Health Alterations

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for adult and mental health patients who present with varying physiological and psychosocial health alterations. This course will focus on the adult lifespan with an emphasis on the older adult population. Course concepts will increase in complexity, as they apply to adults, to meet the program outcomes: clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity and clinical inquiry. Students will apply theoretical content and therapeutic interventions in the clinical component of the course, which will focus on the increasingly vulnerable patient with more complex disease processes. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, and in the Health Resource Center, the Simulation Center and a variety of healthcare agencies. Prerequisite: Admission to the Nursing Program and NURS 150 and PSYC 218.

**Credit Hours: 10**

Outline ([http://catalog.jccc.edu/coursedescriptions/nurs/#NURS\\_200](http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_200))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82667 001 F2F	M-----	08:00-04:00 PM	08/19/19-08/19/19	CC 211	Plank K Gibbar S Shank L Sears A Duggan C Carver K LaMartina K Barlett M Lanier N Ritter M Russell J McNally J Vraich P Quinn R Huff-Caplan K Vezendan C Schull H Gallagher L Williams A Randolph J	<b>Closed</b>
	-T----	08:00-04:00 PM	08/20/19-08/20/19	CC 211		
	--W----	08:00-04:00 PM	08/21/19-08/21/19	CC 211		
	---R---	08:00-02:00 PM	08/22/19-08/22/19	CC 211		
	--W----	09:00-05:00 PM	08/28/19-08/28/19	CC 211		
	---R---	09:00-03:00 PM	08/29/19-08/29/19	CC 211		
	---F--	09:00-03:00 PM	08/30/19-08/30/19	CLB 111		
	---F--	09:00-03:00 PM	08/30/19-08/30/19	CLB 113		
	---F--	09:00-03:00 PM	08/30/19-08/30/19	SCI 222		
	M-----	09:00-04:00 PM	09/09/19-09/09/19	CC 211		
	M-----	09:00-03:00 PM	09/16/19-09/16/19	CC 211		
	M-----	09:00-03:30 PM	09/23/19-09/23/19	CC 211		
	---F--	09:00-12:30 PM	09/27/19-09/27/19	CLB 111		
	---F--	09:00-12:30 PM	09/27/19-09/27/19	CLB 113		
	---F--	09:00-12:30 PM	09/27/19-09/27/19	SCI 222		
	M-----	09:00-04:00 PM	09/30/19-09/30/19	CC 211		
	M-----	09:00-04:00 PM	10/07/19-10/07/19	CC 211		
	M-----	02:31-03:30 PM	10/07/19-10/07/19	SCI 222		
	M-----	09:00-04:00 PM	10/14/19-10/14/19	CC 211		
	---F--	09:00-12:00 PM	10/18/19-10/18/19	CC 211		
	M-----	09:00-03:59 PM	10/21/19-10/21/19	CC 211		
	M-----	04:00-05:00 PM	10/21/19-10/21/19	SCI 222		
	M-----	09:00-03:00 PM	10/28/19-10/28/19	CC 211		
	M-----	09:00-04:00 PM	11/04/19-11/04/19	CC 211		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	--W----	09:00-03:00 PM	11/06/19-11/06/19	CLB 111		
	--W----	09:00-03:00 PM	11/06/19-11/06/19	CLB 113		
	---R---	09:00-03:00 PM	11/07/19-11/07/19	CLB 111		
	---R---	09:00-03:00 PM	11/07/19-11/07/19	CLB 113		
	----F--	09:00-03:00 PM	11/08/19-11/08/19	CC 211		
	M-----	09:00-03:59 PM	11/11/19-11/11/19	CC 211		
	M-----	04:00-05:00 PM	11/11/19-11/11/19	SCI 222		
	M-----	09:00-10:59 AM	11/18/19-11/18/19	CLB 111		
	M-----	09:00-10:59 AM	11/18/19-11/18/19	CLB 113		
	M-----	11:00-12:59 PM	11/18/19-11/18/19	CC 211		
	M-----	01:00-03:00 PM	11/18/19-11/18/19	CLB 111		
	M-----	01:00-03:00 PM	11/18/19-11/18/19	CLB 113		
	--W----	12:00-01:00 PM	12/04/19-12/04/19	CC 211		

SB 155 Excel in CTE

## Public Health

### PH 142 - Health Communication in a Diverse World

This course provides the students with opportunities to explore the principles and application of communication at the individual, group and community level. Communication and advocacy will be studied in a variety of settings such as healthcare, schools, workplace and special populations including children, elderly, homeless, limited English-proficient patients and individuals with special needs. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/ph/#PH\\_142](http://catalog.jccc.edu/coursedescriptions/ph/#PH_142))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80960 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Carrier D	Closed

## Philosophy

### PHIL 121 - Introduction to Philosophy

Students will examine the basic questions of philosophical inquiry, such as the nature of being, and the ways humans acquire knowledge and moral, social, religious and political values. Emphasis is on the application of the study of traditional problems of philosophy to the study of contemporary society.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_121](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80731 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
80732 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
80733 003 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 240	Ramos-Reyes M	Closed
<i>KBOR Seamless Transfer</i>						
80734 004 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	GEB 317	Williams D	Closed
<i>KBOR Seamless Transfer</i>						
80736 005 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 342	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
81288 006 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 338	Conrad O	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81290 007 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	GEB 317	Quillen L	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81292 008 F2F	---R---	06:00-09:00 PM	09/05/19-12/15/19	GEB 317	Quillen L	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81295 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81296 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81301 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Hsiao T	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

## PHIL 124 - Logic and Critical Thinking

This course examines the basic elements of formal and informal reasoning. Topics include the elements of argumentative discourse, informal fallacies, inductive and deductive arguments, and propositional logic. The class also focuses on the analysis and evaluation of argumentative discourse in a variety of everyday and academic contexts.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_124](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81321 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 317	Gale D	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81715 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 338	Coleman K	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81721 003 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 317	Coleman K	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81723 004 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 338	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81729 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Musil B	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## PHIL 140 - Business Ethics

Business Ethics is a branch of applied ethics that attempts to understand, evaluate and critique business practices in the light of moral principles and values. This course introduces students to important elements of moral theory as well as main topics in Business Ethics, including the fiduciary duty of managers, outsourcing, corporate responsibility, whistleblowing, income smoothing, insider trading, sole-source procurements and kickbacks, conflicts of interest, legitimate vs. illegitimate write-offs, deception in advertising and marketing, responsibility to the environment, pay for corporate personnel, and interpersonal relationships in the workplace, among others. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_140](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_140))



CRN	Days	Time	Date	Location	Instructor	Seats Open
81734 001 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 317	Hsiao T	Closed
81737 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Arp R	Closed
81741 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Arp R	Closed

## PHIL 143 - Ethics

This course provides a systematic and critical study of values related to human conduct. It focuses on both traditional standards of ethical conduct and qualities of personal character. What we hold to be right or wrong, the basis for believing so, and what we consider to be virtues or vices are examined with an eye to understanding our current ethical situation.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_143](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_143))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81744 001 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81749 002 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 317	Gale D	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81752 003 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 317	Arjo D	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81758 004 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 317	Gustafson C	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81762 005 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 338	Heim D	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81765 006 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81769 007 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81773 008 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 238	Arjo D	Closed
This section's title is <b>Ethics Honors</b> .						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Honors Course</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other PHIL 143 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
81776 201 F2F	--W----	06:00-09:00 PM	09/04/19-12/15/19	CC 338	Musil B	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81779 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Jones A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81848 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Arp R	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
81852 352 ONLNE	-----	-	09/03/19-12/15/19	Online	Musil B	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
83244 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Musil B	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

## PHIL 154 - History of Ancient Philosophy

This course provides a thorough exploration of ancient Greek and Roman philosophical thought from the original efforts of the Pre-Socratics to understand the fundamental operations of the natural world to concerns about the way a person might live successfully in nature and society. Also explored are the notable Athenians of the classical period, Protagoras, Socrates, Plato and Aristotle, and the later schools of thought such as cynicism, skepticism, hedonism and stoicism. In the process, it provides a comprehensive understanding of the philosophical foundations of the Western world view.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_154](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_154))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81857 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 338	Arjo D	Closed
<i>General Education Designation</i>						

## PHIL 155 - Bioethics

This course introduces students to the scientific, ethical and legal issues relevant to the discipline of biology and those raised by the rapid development of new biological technologies. Students will examine the major theories of ethics, including deontology, utilitarianism, and select others. Topics include: beginning of life issues such as contraception, abortion, and nontraditional methods of human reproduction; end of life issues such as advance healthcare directives and physician-assisted suicide; and other issues such as experimentation on human and animal subjects and human environmental impacts. BIOL 155 and PHIL 155 are the same courses; only enroll in one. Prerequisite: BIOL 121 or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_155](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81862 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Williams D	Closed

## PHIL 176 - Philosophy of Religion

This course is an inquiry into the nature of religion, religious thought and religious language. It addresses philosophical topics such as the nature of religious belief, the apparent need of some people for religion, the arguments offered as proof for and against the existence of God, apparent contradictions between scientific and religious teachings, special problems raised by religious language, and the changes religion and philosophy of religion have made to accommodate a modern world view.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/phil/#PHIL\\_176](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_176))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81865 001 F2F	-T-R--	08:00-09:15 AM	08/20/19-12/15/19	CC 338	Conrad O	Closed
<i>General Education Designation</i>						

## Photography

### PHOT 121 - Fundamentals of Photography

This course provides an introduction to the tools, procedures, concepts and application of photographic imaging. Students will use cameras, light meters and darkroom equipment for film developing and printing to make images to meet the requirements of a series of assignments designed to develop specific skills, competencies and points of view and to stimulate the students' creative capacities for personal expression, communication and self-understanding. Students must provide their own camera with adjustable focus, shutter speeds and aperture

**Credit Hours: 3**

Associated Costs: \$150 to 175

Outline ([http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_121](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80873 001 F2F	M-W----	08:00-10:50 AM	08/19/19-12/15/19	FADS 211	Wessel M	Closed
80874 002 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 211	Wessel M	Closed
80875 003 F2F	-T-R---	08:00-10:50 AM	08/20/19-12/15/19	FADS 211	Jarvi D	Closed

## PHOT 128 - Digital Photography

This course is an introduction to the concepts, tools and technology of digital imaging for photographers. Students will develop competence in the use of digital photographic equipment, software, storage devices and printers to produce digital photographic images satisfying the requirements of a series of assignments designed to develop specific skills and competencies. Students will "capture," import, adjust, correct, transmit, store and output images. They will use digital imaging technology to produce photographs for visual communication and artistic expression. Ethics and cultural implications of the technology will be discussed.

Credit Hours: 3

Associated Costs: \$75 to 150

Outline ([http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_128](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80876 001 F2F	-T-R---	12:00-02:50 PM	08/20/19-12/15/19	FADS 207	Smith A	Closed
80877 002 F2F	M-W----	12:00-02:50 PM	08/19/19-12/15/19	FADS 203	Sands C	Closed
80878 375 HYB	-----	-	08/19/19-12/15/19	Online	Nichols M	Closed
	--R---	06:00-08:50 PM	08/22/19-08/22/19	FADS 203		
	--R---	06:00-08:50 PM	09/12/19-09/12/19	FADS 203		
	--R---	06:00-08:50 PM	10/03/19-10/03/19	FADS 203		
	--R---	06:00-08:50 PM	10/24/19-10/24/19	FADS 203		
	--R---	06:00-08:50 PM	11/14/19-11/14/19	FADS 203		
	--R---	06:00-08:50 PM	12/05/19-12/05/19	FADS 203		
	--R---	06:00-08:50 PM	12/12/19-12/12/19	FADS 203		

## PHOT 129 - Advanced Digital Photography

This course develops and expands upon the techniques, tools, procedures, and concepts that were introduced in the Digital Photography course. Students will learn to use a digital single lens reflex (DSLR) camera or its equivalent. Students will develop and use an archival image editing workflow. They will learn advanced image correction, modification and editing techniques to prepare photographic images for various output options including photographic prints and the web. They will employ file management routines and archival storage systems. Students will create original work that demonstrates an advanced proficiency in digital methods and an advanced understanding of the practice of photography. They will produce high quality prints. The work created is intended to stimulate the student's creative capacities for personal expression, communication and self-understanding. Prerequisite: PHOT 128.

Credit Hours: 3

Associated Costs: \$125 to 175

Outline ([http://catalog.jccc.edu/coursedescriptions/phot/#PHOT\\_129](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_129))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80879 001 F2F	M-W----	03:00-05:50 PM	08/19/19-12/15/19	FADS 203	Sands C	Closed
80880 002 F2F	-T-R---	03:00-05:50 PM	08/20/19-12/15/19	FADS 207	Hughes T	Closed

## Physics

### PHYS 130 - College Physics I

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of translational and rotational motion, force, work, mechanical and thermal energy, linear and angular momentum, and fluid mechanics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirement of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. Prerequisite: MATH 171 or an appropriate score on a math placement test.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_130](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82033</b> 001 F2F	MTWR---	08:00-08:50 AM	08/19/19-12/15/19	SCI 117	Malek G	<b>Closed</b>
	<b>Lab</b> M-----	11:00-01:50 PM	08/19/19-12/15/19	SCI 117		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>82035</b> 002 F2F	MTWR---	09:00-09:50 AM	08/19/19-12/15/19	SCI 117	Malek G	<b>Closed</b>
	<b>Lab</b> -T-----	11:00-01:50 PM	08/20/19-12/15/19	SCI 117		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82037</b> 003 F2F	MTWR---	10:00-10:50 AM	08/19/19-12/15/19	SCI 117	Malek G	<b>Closed</b>
	<b>Lab</b> M-----	02:00-04:50 PM	08/19/19-12/15/19	SCI 117		
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>82038</b> 004 F2F	MTWR---	11:00-11:50 AM	08/19/19-12/15/19	SCI 120	Martinez D	<b>Closed</b>
	<b>Lab</b> -T-----	02:00-04:50 PM	08/20/19-12/15/19	SCI 121		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82040</b> 005 F2F	M-W----	11:00-12:50 PM	08/19/19-12/15/19	SCI 122	Weaver L	<b>Closed</b>
	<b>Lab</b> ----F--	11:00-01:50 PM	08/23/19-12/15/19	SCI 121		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82042</b> 006 F2F	M-W----	02:00-03:50 PM	08/19/19-12/15/19	SCI 122	Weaver L	<b>Closed</b>
	<b>Lab</b> ----F--	02:00-04:50 PM	08/23/19-12/15/19	SCI 121		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82045</b> 050 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	SCI 122	Johnson S	<b>Closed</b>
	--W----	06:00-06:50 PM	08/21/19-12/15/19	SCI 122		
	<b>Lab</b> --W----	07:00-09:50 PM	08/21/19-12/15/19	SCI 121		
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

## PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, optics, and some modern physics. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirements of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. Prerequisite: PHYS 130.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_131](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82048</b> 001 F2F	M-W----	08:00-09:50 AM	08/19/19-12/15/19	SCI 122	Weaver L	<b>Closed</b>
	<b>Lab</b> ----F--	08:00-10:50 AM	08/23/19-12/15/19	SCI 117		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

## PHYS 191 - Math & Physics for Games I

This introductory course focuses on the mathematics and physics concepts needed to program a variety of video game scenarios. Students will learn to use vectors and matrix transformations to model the motion of physical objects in two and three dimensions. Students will also learn various computer programming methods in order to model these mathematical and physical concepts. Prerequisite: (MATH 171 with grade of "C" or higher or MATH 173 with grade of "C" or higher or an appropriate score on math assessment test) and GAME 121.

**Credit Hours:** 4

**Associated Costs:** \$0 to 100

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_191](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_191))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82050 001 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	RC 380	Patterson J	Closed
	<b>Lab</b> M-----	03:00-04:50 PM	08/19/19-12/15/19	RC 380		

## PHYS 220 - Engineering Physics I

Engineering Physics I (and associated laboratory experience) is the study of translational and rotational motion, force, work, mechanical and thermal energy, linear and angular momentum, mechanical waves, and fluid motion using the tools of algebra, trigonometry, and calculus. Prerequisite or Corequisite: MATH 242.

**Credit Hours:** 5

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_220](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82058 001 F2F	MTWR---	09:00-09:50 AM	08/19/19-12/15/19	SCI 120	Martinez D	Closed
	<b>Lab</b> --W----	02:00-04:50 PM	08/21/19-12/15/19	SCI 121		

*General Education Designation*

*KBOR Seamless Transfer*

82084 002 F2F	MTWR---	10:00-10:50 AM	08/19/19-12/15/19	SCI 120	Martinez D	Closed
	<b>Lab</b> ---R---	02:00-04:50 PM	08/22/19-12/15/19	SCI 121		

*General Education Designation*

*KBOR Seamless Transfer*

82085 050 F2F	-T-----	06:00-06:50 PM	08/20/19-12/15/19	SCI 122	Richman M	Closed
	<b>Lab</b> -T-----	07:00-09:50 PM	08/20/19-12/15/19	SCI 121		
		---R---	06:00-08:50 PM	08/22/19-12/15/19	SCI 122	

*General Education Designation*

*KBOR Seamless Transfer*

## PHYS 221 - Engineering Physics II

Engineering Physics II (and associated laboratory experience) is the continuation of Engineering Physics I. It is the study of electricity, magnetism, electromagnetic waves, and optics using the tools of algebra, trigonometry, and calculus. Prerequisite: PHYS 220 and MATH 242.

**Credit Hours:** 5

Outline ([http://catalog.jccc.edu/coursedescriptions/phys/#PHYS\\_221](http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_221))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82086 050 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	SCI 117	Thuma R	Closed
		---R---	06:00-06:50 PM	08/22/19-12/15/19	SCI 117	
	<b>Lab</b> ---R---	07:00-09:50 PM	08/22/19-12/15/19	SCI 117		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## Practical Nursing

### PN 125 - KSPN Foundations of Nursing

This course utilizes the nursing standards of practice based on principles of biology, psychosocial, spiritual and cultural to meet the needs of clients throughout the lifespan. Emphasis is placed on basic nursing skills, client safety and therapeutic communication. Concepts and skills are enhanced in subsequent courses. Prerequisite: Admission to the Practical Nursing Program. Corequisite: PN 126.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_125](http://catalog.jccc.edu/coursedescriptions/pn/#PN_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81660</b> 150 F2F	-T-----	08:30-12:00 PM	08/20/19-12/10/19	OHEC 209	Shults T	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

### PN 126 - KSPN Foundations of Nursing Clinical

The art and science of nursing are explored in this clinical course. Emphasis is placed on the nursing process, cultural and spiritual awareness, communication, data collection, performance of basic nursing skills and documentation. Principles of safe medication administration are introduced. Prerequisite: Admission to the Practical Nursing Program. Corequisite: PN 125.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_126](http://catalog.jccc.edu/coursedescriptions/pn/#PN_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81652</b> 151 F2F	--W----	-	08/21/19-12/11/19	OHEC 205	Radom V	<b>Closed</b>
	---R---	-	08/22/19-12/12/19	OHEC 205		
<i>SB 155 Excel in CTE</i>						

### PN 130 - KSPN Medical Surgical Nursing I

This course focuses on the effect of disorders of selected systems (respiratory, cardiovascular, hematologic & lymphatic, endocrine, integumentary, sensory and musculoskeletal) throughout the lifespan and applies the nursing process in meeting basic needs. Health promotion and maintenance, rehabilitation and continuity of care are emphasized. The role of the practical nurse is incorporated throughout. Prerequisite: Admission to the Practical Nursing Program. Corequisite: PN 131. Prerequisite or Corequisite: PN 125 with a grade of "C" or higher and PN 126 with a passing grade.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_130](http://catalog.jccc.edu/coursedescriptions/pn/#PN_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82136</b> 140 F2F	-T-----	05:30-09:30 PM	08/20/19-12/10/19	OHEC 209	Luoma E	<b>Closed</b>
<i>SB 155 Excel in CTE</i>						

### PN 131 - KSPN Medical Surgical Nursing I Clinical

Simulated and actual care situations of selected systems throughout the life span, utilizing acute and long-term care settings. An emphasis is placed on critical thinking and clinical decision-making skills. Prerequisite: Admission to the Practical Nursing Program. Prerequisite or Corequisite: PN 125 with a grade of "C" or higher and PN 126 with a passing grade. Corequisite: PN 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_131](http://catalog.jccc.edu/coursedescriptions/pn/#PN_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82128 141 F2F	----S-	06:30-03:00 PM	08/24/19-12/14/19	TBA	Rettig R Valluri J Allenbrand E Luoma E Ludwig B	<b>Closed</b>
	-----U	06:30-03:00 PM	08/25/19-12/15/19	TBA		

*SB 155 Excel in CTE*

## PN 135 - KSPN Pharmacology

This course introduces the principles of pharmacology, drug classifications, and the effects of selected medications on the human body. The nursing process is used as the framework for ensuring safe and effective nursing care for clients across the lifespan. Prerequisite: Admission to the Practical Nursing Program. Prerequisite or Corequisite: PN 125 with a grade of "C" or higher and PN 126 with a passing grade.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_135](http://catalog.jccc.edu/coursedescriptions/pn/#PN_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81636 100 F2F	M-----	08:30-11:30 AM	08/19/19-12/09/19	OHEC 209	Radom V	<b>Closed</b>
						<i>SB 155 Excel in CTE</i>
82126 160 F2F	---R---	05:30-08:30 PM	08/22/19-12/12/19	OHEC 209	Luoma E	<b>Closed</b>
						<i>SB 155 Excel in CTE</i>

## PN 140 - KSPN Maternal Child Nursing

This course focuses on pre- and post-natal maternal nursing care, as well as, the care of children from infancy to adolescence. Emphasis is given to normal reproduction and frequently occurring biological, cultural, spiritual and psychosocial needs of the child-bearing and child-rearing family. Prerequisite: Admission to the Practical Nursing Program and PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher. Corequisite: PN 141.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_140](http://catalog.jccc.edu/coursedescriptions/pn/#PN_140))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81671 250 F2F	M-----	01:00-03:00 PM	08/19/19-12/09/19	OHEC 209	Pockrandt D	<b>Closed</b>
						<i>SB 155 Excel in CTE</i>

## PN 141 - KSPN Maternal Child Clinical

This clinical course applies concepts from Maternal Child I. Emphasis is placed on the nursing process and meeting the basic needs of the maternal child client. Prerequisite: Admission to the Practical Nursing Program and PN 130 with a grade of "C" or higher and PN 131 with a grade of "C" or higher and PN 135 with a grade of "C" or higher. Corequisite: PN 140.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_141](http://catalog.jccc.edu/coursedescriptions/pn/#PN_141))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81711 251 F2F	---R---	-	10/17/19-12/12/19	TBA	Shelton J Arguijo H McCanna M Pockrandt D	<b>Closed</b>


*SB 155 Excel in CTE*

## PN 145 - KSPN Mental Health Nursing

This course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. Prerequisite: Admission to the Practical Nursing Program and PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/pn/#PN\\_145](http://catalog.jccc.edu/coursedescriptions/pn/#PN_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81640 130 F2F	-T-----	01:00-03:00 PM	08/20/19-12/10/19	 OHEC 209	Luoma E	Closed
<i>SB 155 Excel in CTE</i>						

## Political Science

### POLS 122 - Political Science

This course provides students the opportunity to explore the discipline of political science and to discover how political scientists study politics in the contemporary world.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_122](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80534 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 213	Bedell T	Closed
<i>KBOR Seamless Transfer</i>						
80535 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 213	Wright B	Closed
<i>KBOR Seamless Transfer</i>						
80536 003 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 279	Tidwell T	Closed
<i>KBOR Seamless Transfer</i>						
80537 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Harmon L	Closed
<i>KBOR Seamless Transfer</i>						
80538 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Vieux A	Closed
<i>KBOR Seamless Transfer</i>						
83225 353 ONLNE	-----	-	12/11/19-01/08/20	Online	Wright B	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

### POLS 124 - American National Government

This course examines the components of the public policy-making process. Topics of study include American political culture, constitutional principles, intergovernmental relations, public opinion, political parties, interest groups, media, the influence of the constant campaign of candidate-centered politics, budget construction, bureaucracy, and decision-making institutions.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_124](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80540 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 213	Burns J	Closed
<i>KBOR Seamless Transfer</i>						
80541 002 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 213	Tidwell T	Closed
<i>KBOR Seamless Transfer</i>						
80542 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 213	Vegter A	Closed
<i>KBOR Seamless Transfer</i>						
80543 004 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 126B	Vieux A	Closed
<i>KBOR Seamless Transfer</i>						
80544 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Vieux A	Closed
<i>KBOR Seamless Transfer</i>						
80545 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Vegter A	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80546 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Vegter A	Closed
<i>KBOR Seamless Transfer</i>						

## POLS 126 - State and Local Government

This course examines the executive, legislative, judicial and service functions of state and local government in the United States in general and in Kansas in particular. The course includes guest lectures by elected officials, government personnel and community activists.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_126](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80548 001 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	GEB 213	Vieux A	Closed

## POLS 132 - Introduction to Comparative Government

This course compares the different political structures of many of the world's most important countries, including economic development, patterns of government and administration, party structures and policy formation.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_132](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80549 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 279	Burns J	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
80550 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Burns J	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						

## POLS 135 - International Relations

This course analyzes the conflict and cooperation among nation-states. Students will study contemporary problems and how they relate to power, war, terrorism, diplomacy, international organizations and the future of the nation-state system.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_135](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80551 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 213	Wright B	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80552 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 213	Wright B	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80553 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Wright B	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## POLS 175 - Environmental Policy and Law

This is a survey course in environmental regulation and will provide an overview of key environmental laws and policies including major provisions of the National Environmental Policy Act (NEPA), the Clean Water Act (CWA), the Clean Air Act (CAA), the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and The Endangered Species Act (ESA). 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_175](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80554 351 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GP 101	Williams D	Closed

## POLS 192 - Political Theory

This course examines the relationship between citizens and government, and competing justifications for political authority. We will focus on the Western political tradition, in particular Plato, Locke, Mill and Marx. Most of class work consists of participation in historical simulations involving Ancient Athens and Revolutionary America, with some attention to other periods. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_192](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_192))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82923 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Wright B	Closed

*General Education Designation*

*Cultural Diversity Designation*

## POLS 270 - Political Science Internship

Students augment their academic course work with an internship in an appropriate setting under instructional supervision. Internship projects are cooperative efforts between appropriate supervisors in state, local or national government settings or not-for-profit organizations and college staff and students. Internships give students the opportunity to participate in the real-world application of their academic studies. In addition, this synthesis of classroom study with practical experience provides students with skills and insights useful in selecting a career or avocation in community service. The student spends the equivalent of 10 hours per week performing internship duties over the course of the semester or a total of 150 hours. Prerequisite: Department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/pols/#POLS\\_270](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_270))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80556 501 INT	-----	-	08/19/19-12/15/19		Vieux A	6 of 6

Requirement: Department approval

## Physical Science

### PSCI 120 - Physical Science

This course is an introduction to the fundamental concepts and principles of physics, chemistry, astronomy and the earth sciences. Topics include forces, energy, electricity, magnetism, modern physics, and chemical bonding. It is counted toward laboratory science requirements and is intended for non-science majors. The course includes presentation of material using audiovisual, computer and other multimedia aids. Three hours of class and three hours of work in a scheduled lab are required each week.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/psci/#PSCI\\_120](http://catalog.jccc.edu/coursedescriptions/psci/#PSCI_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82088 001 F2F	M-W----	09:00-11:50 AM	08/19/19-12/15/19	SCI 125	Finnicum S	Closed

*General Education Designation*

*KBOR Seamless Transfer*

82089 002 F2F	-T-R---	09:00-11:50 AM	08/20/19-12/15/19	SCI 125	Finnicum S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
82091 003 F2F	-T-R---	01:00-03:50 PM	08/20/19-12/15/19	SCI 125	Finnicum S	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
82092 090 F2F	M-W----	01:00-04:15 PM	09/03/19-12/15/19	SCI 125	Hess J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
82093 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Hess J	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
82095 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Lander B	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						

## Psychology

### PSYC 121 - Applied Psychology

The course will focus on learning how to apply psychological principles in order to better understand one's own experience (cognitive, behavioral and emotional) and that of other people. This course is not a substitute for Introduction to Psychology and will not meet the prerequisite requirement for advanced psychology courses.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_121](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81909 001 F2F	M-----	03:00-05:50 PM	08/19/19-12/15/19	CLB 312	Filley D	Closed
<i>General Education Designation</i>						

### PSYC 130 - Introduction to Psychology

This basic introduction to psychology includes the study of biological aspects of behavior, the brain, consciousness, sensation and perception, motivation and emotion, stress, maturation and development, learning and memory, normal and abnormal personality, and social psychology. This course is the prerequisite for all advanced-level psychology courses.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_130](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81910 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 377	Ward A	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81914 002 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS</i> <i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81915 003 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CLB 312	Rader M	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i> <i>Accelerating Opportunity KS</i>						
81917 004 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	SCI 212	Ward A	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81918 005 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CLB 312	Ward A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>81922</b> 006 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CLB 312	Rader M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<b>81924</b> 007 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	SCI 212	Abbott C	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>81925</b> 008 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CLB 312	Kelly D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81928</b> 009 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CLB 312	Kelly D	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>81929</b> 010 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CLB 312	Kappen D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81931</b> 011 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	GEB 377	Martin K	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>81942</b> 012 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CLB 312	Darrow R	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81944</b> 013 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CLB 312	Martin K	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81946</b> 014 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 377	Sympson S	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>81948</b> 015 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CLB 312	Riley N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81949</b> 016 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	SCI 212	Pettitt J	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>81950</b> 017 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 377	Sympson S	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81952</b> 018 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 238	Ladd B	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
This section's title is <b>Introduction to Psychology Honors</b> .						
<i>Accelerating Opportunity KS</i>						
<i>Honors Course</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other PSYC 130 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
<b>81954</b> 019 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	SCI 212	Ladd B	<b>Closed</b>
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<b>82661</b> 020 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	SCI 212	Ward P	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>81956</b> 021 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 377	Sympson S	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<b>81963</b> 022 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 377	Riley N	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<b>82057</b> 023 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	SCI 212	Ward P	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>82059</b> 024 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	SCI 212	Ladd B	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Accelerating Opportunity KS</i>						
<b>82065</b> 025 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CLB 312	Klinger T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>82060</b> 026 F2F	-T-R---	03:30-04:45 PM	08/20/19-12/15/19	GEB 377	Riley N	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>82069</b> 027 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CLB 312	Kelly D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82073</b> 028 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	GEB 377	Glackin K	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>82075</b> 029 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	GEB 377	Darrow R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<b>82078</b> 202 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	GEB 377	Jones D	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82080</b> 203 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	 OHEC 107	Bratt J	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<b>82081</b>	204 F2F	M-----	06:00-09:00 PM	09/09/19-12/15/19	GEB 317	DeJarnette D	<b>Closed</b>
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
<b>82677</b>	205 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Redburn B	<b>Closed</b>
		--W----	03:00-05:00 PM	08/21/19-12/15/19	CLB 312		
		--W----	03:00-05:00 PM	09/25/19-12/15/19	CLB 312		
		--W----	03:00-05:00 PM	10/23/19-12/15/19	CLB 312		
		--W----	03:00-05:00 PM	11/20/19-12/15/19	CLB 312		
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
This Hybrid/Online course meets four times on-campus. All material/requirements for this course may be accessed online. A textbook is required. On-campus meetings are valuable as the classroom portion will supplement and review material which is typically difficult for students in Introduction to Psychology. If you have questions about this Hybrid class, please email the professor.							
<b>82678</b>	206 HYB	-----	-	08/19/19-12/15/19	<b>Online</b>	Redburn B	<b>Closed</b>
		--W----	06:00-08:00 PM	08/21/19-12/15/19	CLB 312		
		--W----	06:00-08:00 PM	09/25/19-12/15/19	CLB 312		
		--W----	06:00-08:00 PM	10/23/19-12/15/19	CLB 312		
		--W----	06:00-08:00 PM	11/20/19-12/15/19	CLB 312		
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
This Hybrid/Online course meets four times on-campus. All material/requirements for this course may be accessed online. A textbook is required. On-campus meetings are valuable as the classroom portion will supplement and review material which is typically difficult for students in Introduction to Psychology. If you have questions about this Hybrid class, please email the professor.							
<b>82082</b>	350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Pettitt J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<b>82083</b>	351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Pettitt J	<b>Closed</b>
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
<b>82087</b>	352 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Klinger T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
<i>Accelerating Opportunity KS</i>							
<b>82090</b>	353 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Klinger T	<b>Closed</b>
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<i>Accelerating Opportunity KS</i>							
<b>82094</b>	354 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Redburn B	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>KBOR Seamless Transfer</i>							
<i>General Education Designation</i>							
<b>82127</b>	355 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Redburn B	<b>Closed</b>
<i>Accelerating Opportunity KS</i>							
<i>General Education Designation</i>							
<i>KBOR Seamless Transfer</i>							
<b>82130</b>	356 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Rader M	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
82132 357 ONLINE	-----	-	08/19/19-12/15/19	Online	Kappen D	Closed
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
82133 358 ONLINE	-----	-	08/19/19-12/15/19	Online	Rader M	Closed
<i>General Education Designation Accelerating Opportunity KS KBOR Seamless Transfer</i>						
82135 359 ONLINE	-----	-	08/19/19-12/15/19	Online	Rader M	Closed
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
82137 360 ONLINE	-----	-	08/19/19-12/15/19	Online	Darrow R	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS General Education Designation</i>						
82139 361 ONLINE	-----	-	08/19/19-12/15/19	Online	Glackin K	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
82140 362 ONLINE	-----	-	08/19/19-12/15/19	Online	Abbott C	Closed
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						
82141 363 ONLINE	-----	-	08/19/19-12/15/19	Online	Magenheimer L	Closed
<i>General Education Designation KBOR Seamless Transfer Accelerating Opportunity KS</i>						
83217 364 ONLINE	-----	-	12/11/19-01/08/20	Online	Klinger T	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer General Education Designation</i>						
83218 365 ONLINE	-----	-	12/11/19-01/08/20	Online	Darrow R	Closed
<i>Accelerating Opportunity KS General Education Designation KBOR Seamless Transfer</i>						

## PSYC 205 - Human Sexuality

PSYC 205, Human Sexuality, is a balanced and thoughtful account of what is known about sexuality from various perspectives. A broad and representative survey of research is presented in a number of topical areas. Psychobiology, sexual development during childhood and adolescence, sexual interactions, love relationships and behavior, gender issues, sexual orientation, health issues and diseases, and sexual problems and solutions will be studied. Primary emphasis will be placed on the individual and the couple as a unit of analysis. Class discussions of issues relating to human sexuality will be encouraged. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_205](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_205))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82150 001 F2F	-T-R--	09:30-10:45 AM	10/15/19-12/05/19	CC 352	Schwartz L	Closed
<i>Cultural Diversity Designation</i>						
82142 350 ONLINE	-----	-	08/19/19-12/15/19	Online	Schwartz L	Closed
<i>Cultural Diversity Designation</i>						
82148 351 ONLINE	-----	-	08/19/19-12/15/19	Online	Redburn B	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Cultural Diversity Designation

## PSYC 210 - Research Methods in Psychology

This course deals with scientific research methods utilized in the social sciences, especially psychology, sociology, political science and anthropology. The course examines a wide range of data collection methodologies including observation, questionnaire construction, and controlled experimentation. The course will be beneficial for analyzing and evaluating the quality of research findings reported in both the popular and academic press. It will also be useful to those who plan to engage in occupations requiring the use of research methodology. Prerequisite: PSYC 130 and MATH 171.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_210](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_210))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82154 001 F2F	--W----	04:00-06:50 PM	08/21/19-12/15/19	CC 344	Kappen D	Closed

## PSYC 215 - Child Development

This course is a comprehensive account of human development from conception through adolescence. The course integrates genetic, biological, physical and anthropological influences with psychological processes and explores determinants of behavior from a genetic and environmental perspective. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_215](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82158 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	SCI 212	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
82172 350 ONLNE	-----	-	08/20/19-12/15/19	Online	Hurst D	Closed

*KBOR Seamless Transfer*

## PSYC 218 - Human Development

This course is a comprehensive account of human psychological and physical development from conception through infancy, childhood, adolescence, adulthood and death. The course integrates genetic, biological, physiological and anthropological influences with the psychological process, and explores determinants of development from both hereditary and environmental perspectives. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_218](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_218))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82173 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i>						
82180 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i>						
82181 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i>						
82183 004 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	HCDC 128	Salvato M	Closed
<i>KBOR Seamless Transfer</i>						
82184 005 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CLB 312	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
82185 006 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	GEB 338	Filley D	Closed
<i>KBOR Seamless Transfer</i>						
82187 201 F2F	--W----	06:00-09:00 PM	09/04/19-12/15/19	GEB 342	Jones D	Closed



CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
82189 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Klinger T	Closed
<i>KBOR Seamless Transfer</i>						
82191 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Salvato M	Closed
<i>KBOR Seamless Transfer</i>						
82192 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Salvato M	Closed
<i>KBOR Seamless Transfer</i>						
83038 356 ONLNE	-----	-	08/19/19-12/15/19	Online	Salvato M	Closed
<i>KBOR Seamless Transfer</i>						
83219 357 ONLNE	-----	-	12/11/19-01/08/20	Online	Salvato M	Closed
<i>KBOR Seamless Transfer</i>						

## PSYC 220 - Social Psychology

Social psychology is the study of social influence on behavior and cognition. Social psychology explores our relationships with others, our interdependency, and the mutual influence we have on one another. The course will cover concepts such as attitude formation, attitude change, prejudice, aggression, affiliation, obedience to authority, and conformity; special emphasis will be placed on fostering prosocial behavior and how our attitudes toward self and others are influenced by race, ethnicity, gender, age, religious beliefs, socioeconomic status, sexual orientation, and political beliefs. The course requires students to acquire a critical awareness of research methodology. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_220](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_220))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82194 001 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 126B	Ward A	Closed
<i>Cultural Diversity Designation</i>						

## PSYC 225 - Educational Psychology

This course addresses issues that apply theories of psychology to the educational environment. Topics included in the study of educational psychology include research methodology, theories of human development, principles of learning, the psychology of motivation, theories of intelligence, testing and assessment techniques, and career development. Prerequisite: PSYC 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC\\_225](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_225))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82196 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Bratt J	Closed

## Respiratory Care


### RC 120 - Respiratory Structure and Function

This is a comprehensive study of the physiology and pathophysiology of the pulmonary, cardiovascular and renal systems as they relate to respiratory care. Prerequisite: Admission to the Respiratory Care Program and BIOL 144 with a "C" or higher and CHEM 122 with a "C" or higher and ENGL 121 with a "C" or higher. Corequisite: RC 124 and RC 131. Prerequisite or Corequisite: BIOL 230 with a "C" or higher.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_120](http://catalog.jccc.edu/coursedescriptions/rc/#RC_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82175 376 CLI	--W----	01:00-05:00 PM	08/21/19-12/11/19	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	<b>Closed</b>


*SB 155 Excel in CTE*

## RC 124 - Fundamentals of Respiratory Care

This course covers therapeutic modalities and equipment used in respiratory care. Medical gas production and storage is also addressed. Emphasis is on patient assessment, clinical application of therapies, therapy evaluation and communication techniques. The course also examines the roles of respiratory care in the healthcare system and basic respiratory care services scope. The role the respiratory care practitioner assumes in an organization and the operation of a respiratory care department are also introduced. Prerequisite: Admission to the Respiratory Care Program and BIOL 144 with a grade of "C" or higher and CHEM 122 with a grade of "C" or higher and ENGL 121 with a grade of "C" or higher. Prerequisite or Corequisite: BIOL 230 with a grade of "C" or higher. Corequisites: RC 120 and RC 131.

**Credit Hours: 6**

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_124](http://catalog.jccc.edu/coursedescriptions/rc/#RC_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82195 001 CLI	--W----	08:00-12:00 PM	08/21/19-12/11/19	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	<b>Closed</b>

**Lab** M----- 08:00-12:00 PM 08/26/19-12/08/19


*SB 155 Excel in CTE*

## RC 131 - Cardiopulmonary Diagnostics

This course is a detailed review of the procedures, equipment, interpretation and analysis used in the diagnosis of cardiopulmonary disease. Diagnostic procedures will include: non-invasive oxygen and carbon dioxide measurements, arterial blood gas analysis, pulmonary function testing, thoracic imaging studies, clinical laboratory data, the electrocardiogram, bronchoscopy, thoracentesis, cardiopulmonary exercise studies and sleep studies. Prerequisites: Admission to the Respiratory Care Program and BIOL 144 with a "C" or higher and CHEM 122 with a "C" or higher and ENGL 121 with a "C" or higher. Prerequisite or Corequisite: BIOL 230 with a "C" or higher. Corequisites: RC 120 and RC 124.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_131](http://catalog.jccc.edu/coursedescriptions/rc/#RC_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82201 376 CLI	M-----	01:00-04:15 PM	08/19/19-08/19/19	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	<b>Closed</b>

*SB 155 Excel in CTE*

## RC 255 - Cardiopulmonary Critical Care II

The student will refine knowledge and skills in the critical care setting. Emphasis will be on management of the ventilator-patient system. Topics will include: physical examination of the mechanically ventilated patient, ventilator graphics, troubleshooting the ventilator-patient system, ventilator adjustments to achieve optimal oxygenation and ventilation, disease specific ventilator management, non-conventional modes of mechanical ventilation, and pediatric mechanical ventilation. Prerequisite: Admission to the Respiratory Care Program and RC 136 with a grade of "C" or higher and RC 140 with a grade of "C" or higher and RC 145 with a grade of "C" or higher and RC 146 with a grade of "C" or higher. Corequisite: RC 271.

**Credit Hours: 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_255](http://catalog.jccc.edu/coursedescriptions/rc/#RC_255))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82211 001 CLI	----F--	09:00-12:00 PM	08/23/19-12/13/19	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	<b>Closed</b>
	<b>Lab</b> ----F--	01:00-04:00 PM	08/23/19-12/13/19	 OHEC 119		


SB 155 Excel in CTE

## RC 271 - Respiratory Care Clinical Experience I

This course is the clinical application of respiratory care therapeutic and diagnostic procedures. Students will have the opportunity to work with patients under close supervision to further develop their skill and understanding of basic respiratory care procedures for adults and children. The course objectives advance throughout the semester to involve the students in all aspects of basic respiratory care for the acute care patient. As their comfort level and exposures progress, students are allowed to work with more critically ill patients. Prerequisite: Admission to the Respiratory Care Program and RC 136 with a grade of "C" or higher and RC 140 with a grade of "C" or higher and RC 145 with a grade of "C" or higher and RC 146 with a grade of "C" or higher. Corequisite: RC 255.

**Credit Hours: 6**

Outline ([http://catalog.jccc.edu/coursedescriptions/rc/#RC\\_271](http://catalog.jccc.edu/coursedescriptions/rc/#RC_271))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82217 001 CLI	-T-----	08:00-04:00 PM	08/20/19-12/10/19	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	<b>Closed</b>

SB 155 Excel in CTE

## Reading

### RDG 126 - Academic Reading

This is the mandatory reading course based on JCCC assessment scores, and successful completion of this course is required to exit the assessment mandate. It is designed for students who need to improve their understanding of written expression. The focus of this course is higher-level comprehension and vocabulary skills. Students use written materials to apply and practice skills learned in the class and to provide a background for written assignments. This course does not fulfill degree requirements. Prerequisite: Appropriate test score or (EAP 111 and EAP 115 and EAP 122).

**Credit Hours: 3**

**Associated Costs:** \$5-15

Outline ([http://catalog.jccc.edu/coursedescriptions/rdg/#RDG\\_126](http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80129 001 F2F	M-W----	08:00-09:15 AM	08/19/19-12/15/19	SCI 118	Fielder R	<b>Closed</b>
80130 002 F2F	M-W----	09:00-10:25 AM	09/09/19-12/15/19	CC 321	Rottinghaus D	<b>Closed</b>
80131 003 F2F	M-W----	09:00-10:15 AM	08/19/19-12/15/19	CC 229	Moore D	<b>Closed</b>
80132 004 F2F	M-W----	10:00-11:25 AM	09/09/19-12/15/19	GEB 354	Mancini P	<b>Closed</b>
80133 005 F2F	M-W----	10:00-11:15 AM	08/19/19-12/15/19	ITC 183	Fielder R	<b>Closed</b>
80134 006 F2F	M-W----	11:00-12:25 PM	09/09/19-12/15/19	CC 321	Rottinghaus D	<b>Closed</b>
80135 007 F2F	M-W----	11:00-12:15 PM	08/19/19-12/15/19	OCB 107	Shoemake C	<b>Closed</b>
80136 008 F2F	M-W----	12:00-01:15 PM	08/19/19-12/15/19	SCI 118	Moore D	<b>Closed</b>
80137 009 F2F	M-W----	01:00-02:25 PM	09/09/19-12/15/19	CC 321	Rottinghaus D	<b>Closed</b>
80138 010 F2F	M-W----	02:00-03:15 PM	08/19/19-12/15/19	GEB 311	Moore D	<b>Closed</b>
80139 011 F2F	-T-R--	08:00-09:15 AM	08/20/19-12/15/19	CC 321	Mancini P	<b>Closed</b>
80140 012 F2F	-T-R--	09:30-10:55 AM	09/10/19-12/15/19	CC 321	Parra L	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
80141 013 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 316	Mihalevich C	Closed
80143 015 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 315	Mihalevich C	Closed
80144 016 F2F	-T-R---	11:00-12:25 PM	09/10/19-12/15/19	GEB 311	Mancini P	Closed
80145 017 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 321	Fielder R	Closed
80146 018 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 229	Moore D	Closed
80147 019 F2F	-T-R---	02:00-03:25 PM	09/10/19-12/15/19	CC 321	Fielder R	Closed
80149 021 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 321	Steel S	Closed
80150 022 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 321	Creason L	Closed
80151 023 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 229	McCall S	Closed
80152 024 F2F	---R---	06:00-09:15 PM	09/05/19-12/15/19	CC 321	Steel S	Closed
80153 025 F2F	----F--	10:00-12:50 PM	08/23/19-12/15/19	CC 321	Mihalevich C	Closed
80154 026 F2F	-----S-	10:00-12:50 PM	08/24/19-12/15/19	CC 321	Stos J	Closed
83099 027 F2F	M-W----	12:30-01:55 PM	09/09/19-12/15/19	OCB 107	Parra L	Closed
80155 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Creason L	Closed

Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at [iparra@jccc.edu](mailto:iparra@jccc.edu) or [lcreason@jccc.edu](mailto:lcreason@jccc.edu)

80156 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Parra L	Closed
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Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at [iparra@jccc.edu](mailto:iparra@jccc.edu) or [lcreason@jccc.edu](mailto:lcreason@jccc.edu)

80157 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Creason L	Closed
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Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at [iparra@jccc.edu](mailto:iparra@jccc.edu) or [lcreason@jccc.edu](mailto:lcreason@jccc.edu)

## RDG 127 - College Reading Skills

In this advanced course, designed for students who wish to further improve their reading, students will develop critical reading skills, expand background knowledge through reading, increase vocabulary, develop flexible reading techniques, and improve study and writing skills. Students use selected periodicals to apply and practice skills learned in the class and to provide a background for written assignments and class discussions. Prerequisite: RDG 126 or appropriate assessment score.

**Credit Hours: 3**

**Associated Costs: \$2 to 5**

Outline ([http://catalog.jccc.edu/coursedescriptions/rdg/#RDG\\_127](http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80159 376 HYB	-T-----	12:30-01:45 PM	08/20/19-12/15/19	CC 321	Parra L	Closed

## Religion

### REL 120 - Exploring World Religions

This course is a comparative study of the world's major religious traditions. The basic beliefs of Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity and Islam will be explored. A comparative framework for religious studies will be provided, and essential differences between Eastern and Western religions will be noted. Literary texts and iconographic images will be studied as appropriate.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_120](http://catalog.jccc.edu/coursedescriptions/rel/#REL_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81866 001 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 317	Aptilon S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81867</b> 002 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 352	Aptilon S	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<b>81869</b> 003 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 344	Aptilon S	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<b>81871</b> 350 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Robertson M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<b>81892</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Robertson M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						

## REL 125 - Religions of the East

Religions of the East is a detailed examination of the rich and diverse religious traditions of India, Tibet, China and Japan. Students will explore the histories, mutual influences, beliefs, and practices of Hinduism, Buddhism, the Jain religion, the Sikh religion, Confucianism, Daoism, the Tibetan religions, and Shinto, stressing the characteristics they share, as well as those that differentiate them from each other and from Western religions. Primary and secondary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_125](http://catalog.jccc.edu/coursedescriptions/rel/#REL_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>81894</b> 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 312	Aptilon S	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>83175</b> 351 ONLNE	-----	-	09/09/19-12/15/19	<b>Online</b>	Hoare T	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						

## REL 150 - Islam: Religion & Civilization

This course covers the context in which Islam arose; the career of the Prophet Muhammad; the main teachings and practices of the religion; the Qur'an and other early Islamic literature; subsequent political developments in the religion and its spread; its main religious branches; its history during the Middle Ages; the Christian crusades and their consequences; the major components of Islamic civilization including law, the arts, literature, philosophy, science, and mathematics; Sufi; the effects of Western imperialism upon Islamic states; major developments in Islamic thought and practice since the seventeenth century; the Islamic diaspora; and Islam today. REL 150 is the same course as HIST 150 and HUM 150; enroll in one only.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rel/#REL\\_150](http://catalog.jccc.edu/coursedescriptions/rel/#REL_150))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82963</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Bevell Hull M	<b>Closed</b>
<i>Cultural Diversity Designation</i>						

## Railroad Operations

### RRT 120 - History of Railroading

This course covers the history and traditions of railroading and the industry's role in North American economic development. Upon successful completion of this course, students will be able to list and explain the significance of major events in North American railroading.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rtr/#RRT\\_120](http://catalog.jccc.edu/coursedescriptions/rtr/#RRT_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82546 350 ONLNE	-----	-	08/19/19-12/13/19	Online	Harrison T	Closed

### RRT 121 - Railroad Technical Careers

This course includes information about technical careers in railroading, enabling students to choose suitable career paths. This course includes field trips that will demonstrate the relationships among technical work groups in day-to-day railroad operations. Upon successful completion of this course, students should be able to describe basic technical job functions, requirements and characteristics.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/rtr/#RRT\\_121](http://catalog.jccc.edu/coursedescriptions/rtr/#RRT_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82547 350 ONLNE	-----	-	08/19/19-12/13/19	Online	Brown T	Closed

### Railroad Conductor

#### RRTC 123 - Introduction to Conductor Service

This is an introductory course for the conductor service option within the railroad operations program. Upon successful completion of this course, the student should be able to describe railroad organization and general operations, policies and practices to ensure railroad safety, and the basic responsibilities of conductors. Prerequisite: Admission to the JCCC railroad operations program.

**Credit Hours: 4**

Outline ([http://catalog.jccc.edu/coursedescriptions/rtr/#RRTC\\_123](http://catalog.jccc.edu/coursedescriptions/rtr/#RRTC_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82548 003 F2F	MTWRF--	08:00-05:00 PM	09/16/19-09/20/19	ITC 104	Brown T	Closed

*Accelerating Opportunity KS*

*SB 155 Excel in CTE*

#### RRTC 175 - Conductor Mechanical Operation

This course covers mechanical operations that relate to conductor service. Upon successful completion of this course, the student should be able to describe the importance and application of freight care mechanical policies and practices to ensure safe railroad operations. Prerequisite: Admission to the JCCC railroad operations program.

**Credit Hours: 2**

**Associated Costs: \$36**

Outline ([http://catalog.jccc.edu/coursedescriptions/rtr/#RRTC\\_175](http://catalog.jccc.edu/coursedescriptions/rtr/#RRTC_175))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82549 003 F2F	MTWRF--	08:00-05:00 PM	09/23/19-09/27/19	ITC 104	Brown T	Closed

*SB 155 Excel in CTE*

*Accelerating Opportunity KS*

#### RRTC 261 - Conductor Service

Upon successful completion of this course, the student should be able to describe and apply railroad organization and general operations, policies and practices to ensure railroad safety and basic responsibilities of conductors. This course includes safety and the general rules with which conductors must comply and teaches the techniques and administrative procedures conductors use on the job to perform safely and effectively. Prerequisite: Admission to the JCCC railroad operations program.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_261](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_261))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82550 003 F2F	MTWRF--	08:00-05:00 PM	09/30/19-10/04/19	ITC 104	Brown T	Closed

*SB 155 Excel in CTE  
Accelerating Opportunity KS*

### RRTC 263 - General Code of Operating Rules

Conductors must maintain a thorough understanding of the General Code of Operating Rules (GCOR). This course provides an in-depth study of the GCOR. Upon completion of this course, the student should be able to demonstrate abilities to apply the General Code of Operating Rules to safe and efficient train movement and operations. Prerequisite: Admission to the JCCC railroad operations program.

**Credit Hours: 4**

**Associated Costs: \$60**

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_263](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_263))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82552 003 F2F	MTWRF--	08:00-05:00 PM	10/14/19-10/23/19	ITC 104	Brown T	Closed

*Accelerating Opportunity KS*

### RRTC 267 - Conductor Field Application

Upon successful completion of this course, the student will have observed actual operations and be able to apply skills learned in classroom-based instruction to those operations. The student will observe and perform operations under the supervision of experienced conductor mentors in an actual field location. Prerequisite: Admission to the JCCC railroad operations program.

**Credit Hours: 4**

**Associated Costs: \$200**

Outline ([http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC\\_267](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82551 376 HYB	MTWRF--	08:00-05:00 PM	10/07/19-10/11/19		Brown T Wiley K	Closed
	-----	-	10/14/19-01/03/20			

*SB 155 Excel in CTE  
Accelerating Opportunity KS*

### Sustainable Agriculture

#### SAG 245 - Principles of Sustainable Market Farming

This course is designed to familiarize Market Farmers with sustainable methods of production of crops grown in the Market Farming industry. The course will prepare students in the basic principles of soils; pest and weed management; varieties of plants to grow; establishment, growth, harvesting and post-harvesting of crops; marketing methods; and business management. Students will become familiar with principles of sustainability and the importance of good record keeping. 3 hrs. lecture/wk.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/sag/#SAG\\_245](http://catalog.jccc.edu/coursedescriptions/sag/#SAG_245))





CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81269</b> 008 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 375	Divney J	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<b>81271</b> 009 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	GEB 375	Grinter B	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<b>81272</b> 010 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 375	Zale S	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>81273</b> 011 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	GEB 240	Grinter B	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>81274</b> 012 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 375	Petrovic U	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81275</b> 013 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	PA 145	Divney J	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>81276</b> 014 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 375	Petrovic U	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81281</b> 015 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 240	Zirkle B	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>81282</b> 016 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 240	Zirkle B	<b>Closed</b>
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81283</b> 017 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 375	Pant R	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<b>81293</b> 018 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	GEB 375	Pant R	<b>Closed</b>
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>82629</b> 019 F2F	M-----	06:00-09:00 PM	09/09/19-12/15/19	GEB 375	Whitman L	<b>Closed</b>
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>81294</b> 020 F2F	-T-----	06:00-09:00 PM	09/03/19-12/15/19	GEB 375	Whitman L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<b>81297</b> 201 F2F	-T-R---	09:00-10:25 AM	09/03/19-12/15/19	GEB 238	Blobaum E	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
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This section's title is **Introduction to Sociology Honors**.

*General Education Designation*

*Cultural Diversity Designation*

*KBOR Seamless Transfer*

*Honors Course*

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other SOC 122 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at [honors@jccc.edu](mailto:honors@jccc.edu).

<b>81298</b>	202 F2F	-T-R---	02:00-04:50 PM	10/15/19-12/05/19	CC 338	Burbidge S	<b>Closed</b>
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*Cultural Diversity Designation*

*KBOR Seamless Transfer*

*General Education Designation*

<b>81299</b>	350 ONLNE	-----	-	08/19/19-12/15/19	Online	Foster M	<b>Closed</b>
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*KBOR Seamless Transfer*

*General Education Designation*

*Cultural Diversity Designation*

<b>81307</b>	351 ONLNE	-----	-	08/19/19-12/15/19	Online	Foster M	<b>Closed</b>
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*KBOR Seamless Transfer*

*Cultural Diversity Designation*

*General Education Designation*

<b>81308</b>	352 ONLNE	-----	-	08/19/19-12/15/19	Online	Foster M	<b>Closed</b>
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*KBOR Seamless Transfer*

*General Education Designation*

*Cultural Diversity Designation*

<b>81310</b>	353 ONLNE	-----	-	08/19/19-12/15/19	Online	Ketter T	<b>Closed</b>
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*KBOR Seamless Transfer*

*Cultural Diversity Designation*

*General Education Designation*

<b>81311</b>	354 ONLNE	-----	-	08/19/19-12/15/19	Online	Ketter T	<b>Closed</b>
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*General Education Designation*

*Cultural Diversity Designation*

*KBOR Seamless Transfer*

<b>81312</b>	355 ONLNE	-----	-	08/19/19-12/15/19	Online	Ketter T	<b>Closed</b>
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*KBOR Seamless Transfer*

*Cultural Diversity Designation*

*General Education Designation*

<b>81315</b>	356 ONLNE	-----	-	08/19/19-12/15/19	Online	Burbidge S	<b>Closed</b>
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*Cultural Diversity Designation*

*KBOR Seamless Transfer*

*General Education Designation*

<b>81327</b>	357 ONLNE	-----	-	10/14/19-12/08/19	Online	Burbidge S	<b>Closed</b>
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*General Education Designation*

*KBOR Seamless Transfer*

*Cultural Diversity Designation*

<b>83191</b>	358 ONLNE	-----	-	10/14/19-12/08/19	Online	Burbidge S	<b>Closed</b>
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*General Education Designation*

*KBOR Seamless Transfer*

*Cultural Diversity Designation*

<b>83213</b>	359 ONLNE	-----	-	12/11/19-01/08/20	Online	Ketter T	<b>Closed</b>
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*KBOR Seamless Transfer*

*Cultural Diversity Designation*

*General Education Designation*

<b>83214</b>	360 ONLNE	-----	-	12/11/19-01/08/20	Online	Harris M	<b>Closed</b>
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Cultural Diversity Designation</i> <i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
83215 361 ONLNE	-----	-	12/11/19-01/08/20	Online	Petrovic U	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i> <i>KBOR Seamless Transfer</i>						
81330 426 SEL	-----	-	08/19/19-12/14/20	Self Paced	Grinter B	5 of 6
<i>KBOR Seamless Transfer</i> <i>Cultural Diversity Designation</i> <i>General Education Designation</i> Requirement: Department approval						

## SOC 125 - Social Problems

Selected social problems will be analyzed. Problems associated with race, gender, class, deviance, crime and ecology will be examined as perennial issues in contemporary society. In addition, other topics will be analyzed as they arise or as the instructor and students determine them to be significant. The history and development of each problem, as well as possible solutions, will be examined from a variety of perspectives.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_125](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81340 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i> <i>Cultural Diversity Designation</i> <i>General Education Designation</i>						
81343 002 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 240	Zirkle B	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81346 003 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	GEB 240	Spence J	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81363 004 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 240	Killeen J	Closed
<i>Cultural Diversity Designation</i> <i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
81364 005 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 342	Spence J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> <i>Cultural Diversity Designation</i>						
81367 006 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	GEB 240	Killeen J	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i> <i>Cultural Diversity Designation</i>						
81369 201 F2F	---R---	06:00-09:00 PM	09/05/19-12/15/19	GEB 240	Grinter B	Closed
<i>General Education Designation</i> <i>Cultural Diversity Designation</i> <i>KBOR Seamless Transfer</i>						
81372 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Seiler C	Closed
<i>Cultural Diversity Designation</i> <i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
81374 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Harris M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
81377 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Seiler C	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
81378 353 ONLNE	-----	-	08/19/19-12/15/19	Online	Harris M	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Cultural Diversity Designation</i>						
83216 356 ONLNE	-----	-	12/11/19-01/08/20	Online	Seiler C	Closed
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						

## SOC 127 - Criminology

This class will identify the major criminology theories. Various explanations for criminal conduct will be explored and society's responses to crime will be examined. ADMJ 127 and SOC 127 are the same course. Do not enroll in both.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_127](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_127))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80388 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	PA 133	Ashman C	Closed
80393 002 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	PA 145	Galbrecht F	Closed
80396 003 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	PA 145	Ladd G	Closed
80398 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Daniels M	Closed
80400 352 ONLNE	-----	-	08/19/19-12/15/19	Online	King K	Closed

## SOC 131 - Sociology of Families

This is a sociological examination of marriage and the family as a social institution. It will emphasize social theory, changing roles, family formation, socialization, domestic conflict, interaction among family members and marriage partners, and the role of marriage and the family in society.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_131](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81381 001 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	GEB 215	Pant R	Closed
<i>General Education Designation</i>						
81382 003 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	GEB 375	Killeen J	Closed
<i>General Education Designation</i>						
81388 201 F2F	--W----	06:00-09:00 PM	09/04/19-12/15/19	GEB 375	Whitman L	Closed
<i>General Education Designation</i>						
81391 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Blobaum E	Closed
<i>General Education Designation</i>						
81393 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Blobaum E	Closed
<i>General Education Designation</i>						

## SOC 146 - Introduction to Social Work and Social Welfare

This course will introduce the student to the profession of social work and to the history and development of social welfare and social service systems in the United States. This is a required introductory course in the sequence of study leading to a professional degree (BSW, MSW or DSW) in social work.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_146](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_146))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81396 001 F2F	---R---	02:00-04:50 PM	08/22/19-12/15/19	CC 344	Allee A	Closed

*Cultural Diversity Designation*  
*KBOR Seamless Transfer*

## SOC 147 - Social Work and Social Justice

The history of social movements in the United States will be integrated into exploration of current economic, political, religious and psychosocial issues, at micro and macro practice levels, relevant to the professional practice of social work at the BSW or MSW level of practice. This course is designed to support the National Association of Social Workers (NASW) Code of Ethics and Council of Social Work Education (CSWE) requirements for culturally competent practice.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_147](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_147))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81398 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	CC 344	Allee A	Closed

## SOC 180 - Inequality and Diversity in The United States

In modern American society, the issue of diversity is increasingly and vigorously debated. Topics like race, gender, class, sexuality are ever-present in the media and in public discourse. But what does the word "diversity" actually mean, and why does it matter? In this course, students will explore issues of inequality and diversity with attention to how power structures shape and reproduce existing systems of stratification. The course will critically examine the historical and social developments in cultural diversity and the challenges of multiculturalism. By understanding the tensions created by the social dynamics of inequality and diversity, students can begin to identify the resulting implications for capitalism and democracy.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/soc/#SOC\\_180](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
81400 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Petrovic U	Closed

## Speech/Debate

### SPD 120 - Interpersonal Communication

This course focuses on the principles of effective speech communication in small group and one-to-one relationships. Theory and practice of interpersonal communication are studied and applied to a variety of life situations. The course focuses on perception, self-concept, listening, conflict, language, nonverbal communication and culture as they relate to interpersonal relationships.

**Credit Hours: 3**

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_120](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80099 001 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 332	Craig B	Closed

*KBOR Seamless Transfer*  
*General Education Designation*

80100 002 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 332	Craig B	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80101</b> 003 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 331	Welsch L	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80102</b> 005 F2F	M-W----	12:00-01:15 PM	08/19/19-12/15/19	CC 332	Naeymi D	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80103</b> 006 F2F	M-W----	01:30-02:45 PM	08/19/19-12/15/19	CC 332	Naeymi D	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80104</b> 008 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 332	Schrag C	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80105</b> 009 F2F	-T-R---	09:00-10:30 AM	09/03/19-12/15/19	CC 331	Vietti E	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80106</b> 010 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 332	Schrag C	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80107</b> 011 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 331	Fagan M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80108</b> 012 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC 332	Young M	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80109</b> 013 F2F	-T-R---	12:30-03:20 PM	10/15/19-12/05/19	CC 331	Fagan M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80110</b> 014 F2F	-T-R---	02:00-03:15 PM	08/20/19-12/15/19	CC 332	Young M	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80111</b> 016 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 332	Sewell E	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80112</b> 017 F2F	--W----	06:00-09:05 PM	09/04/19-12/15/19	CC 332	Dillavou T	<b>Closed</b>
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80114</b> 351 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Anderson R	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: SPD 120 351 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Rebecca Anderson, at randerso@jccc.edu or 913/469-8500, ext. 4108						
<b>80115</b> 352 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Anderson R	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: SPD 120 352 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Rebecca Anderson, at randerso@jccc.edu or 913/469-8500, ext. 4108						
<b>80116</b> 353 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Vasquez A	<b>Closed</b>
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<b>80117</b> 354 ONLNE	-----	-	08/19/19-12/15/19	<b>Online</b>	Vasquez A	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80118 355 ONLNE	-----	-	08/19/19-12/15/19	Online	Fagan M	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80119 356 ONLNE	-----	-	08/19/19-12/15/19	Online	Anderson R	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
Note: SPD 120 356 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Rebecca Anderson, at randers@jccc.edu or 913/469-8500, ext. 4108						
80120 357 ONLNE	-----	-	08/19/19-12/15/19	Online	Gibbens M	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
Note: SPD 120 357 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Meridith Gibbens, at 913-469-8500, ext. 5305, or e-mail mgibbens@jccc.edu.						
80121 358 ONLNE	-----	-	08/26/19-12/15/19	Online	Sewell E	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
Note: SPD 120 358 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu.						

## SPD 121 - Public Speaking

This course is designed to meet the needs of people who wish to improve their ability to prepare and deliver effective oral presentations before an audience. This fundamental speech course emphasizes creation of ideas, research techniques, outlining, audience analysis, organization and delivery techniques. Students will deliver a variety of speech types including informative and persuasive. 3 hrs. lecture/wk.

**Credit Hours:** 3

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_121](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80765 001 F2F	M-W-F--	08:00-08:50 AM	08/19/19-12/15/19	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80766 002 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 318	Welsch L	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80767 003 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 216	Mohr M	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80768 004 F2F	M-W-F--	09:00-09:50 AM	08/19/19-12/15/19	CC 312	Vellinga H	Closed
<i>General Education Designation</i> <i>KBOR Seamless Transfer</i>						
80769 005 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 331	Vellinga H	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80770 006 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 318	Easley-Giraldo T	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						
80771 007 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i> <i>General Education Designation</i>						

<b>CRN</b>	<b>Days</b>	<b>Time</b>	<b>Date</b>	<b>Location</b>	<b>Instructor</b>	<b>Seats Open</b>
<b>80773</b> 008 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	CC 312	Kingsford A	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80774</b> 009 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 318	Vellinga H	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80775</b> 010 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 216	Kingsford A	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80776</b> 011 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 312	Craig B	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80777</b> 012 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 216	Craig B	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80778</b> 013 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 318	Rose T	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80779</b> 014 F2F	M-W-F--	12:00-12:50 PM	08/19/19-12/15/19	CC 331	Vellinga H	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80780</b> 015 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 216	Craig B	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80781</b> 016 F2F	M-W-F--	01:00-01:50 PM	08/19/19-12/15/19	CC 318	Rose T	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80782</b> 017 F2F	M-W-F--	02:00-02:50 PM	08/19/19-12/15/19	CC 331	Vellinga H	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80783</b> 019 F2F	M-W----	08:30-09:45 AM	08/19/19-12/15/19	CC 331	Naeymi D	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80784</b> 020 F2F	M-W----	12:30-01:45 PM	08/19/19-12/15/19	CC 312	Wichman T	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80785</b> 021 F2F	M-W----	03:00-04:15 PM	08/19/19-12/15/19	CC 331	Schrag C	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80786</b> 023 F2F	--W-F--	09:00-10:15 AM	08/19/19-12/15/19	CC 325	Coupe K	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80787</b> 024 F2F	--W-F--	10:30-11:45 AM	08/19/19-12/15/19	CC 325	Coupe K	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80788</b> 025 F2F	--W-F--	12:00-01:15 PM	08/19/19-12/15/19	CC 325	Coupe K	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80789</b> 026 F2F	-T-R---	08:00-09:15 AM	08/20/19-12/15/19	CC 312	Stout D	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80790</b> 027 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 216	Stanley J	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						



CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80791</b> 028 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 312	Stout D	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80792</b> 029 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 325	Naeymi D	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80793</b> 030 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC 318	Young M	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80794</b> 031 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 216	Stanley J	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80795</b> 032 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 312	Vietti E	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80796</b> 033 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 325	Naeymi D	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80797</b> 034 F2F	-T-R---	11:00-01:30 PM	08/20/19-10/10/19	CC 318	Vasquez A	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80806</b> 035 F2F	-T-R---	12:30-02:00 PM	09/03/19-12/15/19	CC 325	Vietti E	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80818</b> 036 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	GEB 238	Stanley J	<b>Closed</b>
This section's title is <b>Public Speaking Honors</b> .						
<i>Honors Course KBOR Seamless Transfer General Education Designation</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other SPD 121 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at <a href="mailto:honors@jccc.edu">honors@jccc.edu</a> .						
<b>80822</b> 038 F2F	-T-R---	03:00-04:15 PM	08/20/19-12/15/19	CC 312	Geiger W	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80825</b> 040 F2F	M-----	02:00-04:50 PM	08/19/19-12/15/19	CC 325	Anderson R	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80827</b> 041 F2F	M-----	06:00-08:50 PM	08/19/19-12/15/19	CC 318	Heapes T	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80829</b> 042 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 331	Schaefer M	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80831</b> 043 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	CC 318	Schrag C	<b>Closed</b>
<i>KBOR Seamless Transfer General Education Designation</i>						
<b>80834</b> 044 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 318	Patrick B	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80836</b> 045 F2F	---R---	06:00-09:05 PM	09/05/19-12/15/19	DSH 212	Broxterman P	<b>Closed</b>
<i>General Education Designation KBOR Seamless Transfer</i>						
<b>80839</b> 046 F2F	-----S-	09:00-11:50 AM	08/24/19-12/15/19	CC 331	Schaefer M	<b>Closed</b>

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
<b>80763</b> 376 HYB	-----	-	08/19/19-10/11/19	<b>Online</b>	Anderson R	<b>Closed</b>
	M-----	10:00-12:45 PM	09/16/19-09/16/19	CC 325		
	M-----	10:00-12:45 PM	09/23/19-09/23/19	CC 325		
	M-----	10:00-12:45 PM	09/30/19-09/30/19	CC 325		
	M-----	10:00-12:45 PM	10/07/19-10/07/19	CC 325		
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
Note: SPD 121 376 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use Canvas to complete assignments, quizzes and communication functions. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings. For more information, contact the instructor, Rebecca Anderson, at randers@jccc.edu or 913/469-8500, ext. 4108.						
<b>80764</b> 377 HYB	-----	-	09/16/19-11/08/19	<b>Online</b>	Anderson R	<b>Closed</b>
	M-----	10:00-12:45 PM	10/14/19-10/14/19	CC 325		
	M-----	10:00-12:45 PM	10/21/19-10/21/19	CC 325		
	M-----	10:00-12:45 PM	10/28/19-10/28/19	CC 325		
	M-----	10:00-12:45 PM	11/04/19-11/04/19	CC 325		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
Note: SPD 121 377 will incorporate the same content and expectations as the traditional on-campus public speaking course. This is an accelerated, hybrid online course in which students will use Canvas to complete assignments, quizzes and communication functions. Online assignments and quizzes will be due the first week of class so students must log on immediately after the course becomes available. There are four required class meetings. For more information, contact the instructor, Rebecca Anderson, at randers@jccc.edu or 913/469-8500, ext. 4108.						
<b>80182</b> 379 HYB	-----	-	08/20/19-12/15/19	<b>Online</b>	Young M	<b>Closed</b>
	-T-----	06:00-08:50 PM	09/24/19-09/24/19	CC 325		
	-T-----	06:00-08:50 PM	10/15/19-10/15/19	CC 325		
	-T-----	06:00-08:50 PM	11/05/19-11/05/19	CC 325		
	-T-----	06:00-08:50 PM	11/26/19-11/26/19	CC 325		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches to classmates and the instructor. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the start of the semester. For more information, contact the instructor, Myra Young, at myyoung@jccc.edu or 913-469-8500, ext. 4128.						
<b>80185</b> 380 HYB	-----	-	08/20/19-12/15/19	<b>Online</b>	Young M	<b>Closed</b>
	-T-----	06:00-08:50 PM	10/01/19-10/01/19	CC 325		
	-T-----	06:00-08:50 PM	10/22/19-10/22/19	CC 325		
	-T-----	06:00-08:50 PM	11/12/19-11/12/19	CC 325		
	-T-----	06:00-08:50 PM	12/03/19-12/03/19	CC 325		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
<i>General Education Designation</i>						
Note: SPD 121 380 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches to classmates and the instructor. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the start of the semester. For more information, contact the instructor, Myra Young, at myyoung@jccc.edu or 913-469-8500, ext. 4128.						
<b>80191</b> 381 HYB	-----	-	08/21/19-12/15/19	<b>Online</b>	Easley-Giraldo T	<b>Closed</b>
	--W----	06:00-08:50 PM	09/18/19-09/18/19	CC 325		
	--W----	06:00-08:50 PM	10/16/19-10/16/19	CC 325		
	--W----	06:00-08:50 PM	11/06/19-11/06/19	CC 325		
	--W----	06:00-08:50 PM	11/20/19-11/20/19	CC 325		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
Note: SPD 121 381 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use Canvas to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in Canvas on the first day of class. You must log into the course via Canvas to get started. For more information, contact the instructor, Terri Easley-Giraldo at <a href="mailto:teasley3@jccc.edu">teasley3@jccc.edu</a>						
80193 382 HYB	-----	-	09/04/19-12/15/19	Online	Easley-Giraldo T	Closed
	--W----	06:00-08:50 PM	10/02/19-10/02/19	CC 325		
	--W----	06:00-08:50 PM	10/23/19-10/23/19	CC 325		
	--W----	06:00-08:50 PM	11/13/19-11/13/19	CC 325		
	--W----	06:00-08:50 PM	12/04/19-12/04/19	CC 325		

*General Education Designation*  
*Mandatory Classroom Meetings*  
*KBOR Seamless Transfer*

Note: SPD 121 382 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use Canvas to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in Canvas on the first day of class. You must log into the course via Canvas to get started. For more information, contact the instructor, Terri Easley-Giraldo at [teasley3@jccc.edu](mailto:teasley3@jccc.edu)

80202 383 HYB	-----	-	08/24/19-12/15/19	Online	Vasquez A	Closed
	-----S-	09:00-11:45 AM	09/14/19-09/14/19	CC 325		
	-----S-	09:00-11:45 AM	10/05/19-10/05/19	CC 325		
	-----S-	09:00-11:45 AM	10/26/19-10/26/19	CC 325		
	-----S-	09:00-11:45 AM	11/09/19-11/09/19	CC 325		

*General Education Designation*  
*Mandatory Classroom Meetings*  
*KBOR Seamless Transfer*

Note: SPD 121 383 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Ashley Vasquez, at 913-469-8500, ext. 2606, or at [avasque3@jccc.edu](mailto:avasque3@jccc.edu).

83074 384 HYB	-----	-	08/19/19-12/15/19	Online	Miller D	Closed
	-T-----	02:00-04:50 PM	09/24/19-09/24/19	CC 318		
	-T-----	02:00-04:50 PM	10/15/19-10/15/19	CC 318		
	-T-----	02:00-04:50 PM	11/05/19-11/05/19	CC 318		
	-T-----	02:00-04:50 PM	11/19/19-11/19/19	CC 318		

*KBOR Seamless Transfer*  
*General Education Designation*

## SPD 125 - Personal Communication

This course examines the theory and concepts of the most frequently used human communication skills, interpersonal communication and public speaking, in a variety of contexts. The course demonstrates the natural relationships between communicating one-to-one and in public, showing that skills in one can be employed in the other, and also provides practice and development of skills in both areas.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_125](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80122 001 F2F	M-W----	02:00-03:15 PM	08/19/19-12/15/19	CC 312	Wichman T	Closed

*General Education Designation*

## SPD 130 - Elementary Debate

This course is designed for those students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as

members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_130](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80160 001 F2F	--W----	02:00-04:50 PM	08/21/19-12/15/19	CC 216	Stanley J Stout D	Closed

### SPD 132 - Intermediate Debate I

This course is designed for those students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. Prerequisite: SPD 130.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_132](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_132))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80161 001 F2F	--W----	02:00-04:50 PM	08/21/19-12/15/19	CC 216	Stanley J Stout D	Closed

### SPD 155 - Workplace Skills

This course focuses on communication concepts and skills utilized in the workplace. The course demonstrates the relationships between listening; oral communication; human relations skills; problem-solving and teamwork dynamics; time and resource management; and work ethics and job interviewing; with success in a student's desired field.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_155](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_155))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82611 001 F2F	M-W----	09:30-11:20 AM	11/11/19-12/04/19	CTE 233	Vasquez A	Closed

#### *Accelerating Opportunity KS*

Note: ELTE Majors only - Contact Charlie Randazzo at [crandazz@jccc.edu](mailto:crandazz@jccc.edu) for approval. This course focuses on communication concepts and skills utilized in the workplace. The course demonstrates the relationships between listening; oral communication; human relations skills; problem-solving and teamwork dynamics; time and resource management; and work ethics and job interviewing; with success in a student's desired field.

82612 002 F2F	M-W----	12:30-02:20 PM	11/11/19-12/04/19	CTE 254	Vasquez A	Closed
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#### *Accelerating Opportunity KS*

Note: ELTE Majors only - Contact Charlie Randazzo at [crandazz@jccc.edu](mailto:crandazz@jccc.edu) for approval. This course focuses on communication concepts and skills utilized in the workplace. The course demonstrates the relationships between listening; oral communication; human relations skills; problem-solving and teamwork dynamics; time and resource management; and work ethics and job interviewing; with success in a student's desired field.

82613 003 F2F	-T-R---	12:00-01:50 PM	11/12/19-12/05/19	CTE 254	Vasquez A	Closed
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#### *Accelerating Opportunity KS*

Note: ELTE Majors only - Contact Charlie Randazzo at [crandazz@jccc.edu](mailto:crandazz@jccc.edu) for approval. This course focuses on communication concepts and skills utilized in the workplace. The course demonstrates the relationships between listening; oral communication; human relations skills; problem-solving and teamwork dynamics; time and resource management; and work ethics and job interviewing; with success in a student's desired field.

82614 004 F2F	-T-R---	06:00-07:50 PM	11/12/19-12/05/19	CTE 233	Vasquez A	Closed
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#### *Accelerating Opportunity KS*

Note: ELTE Majors only - Contact Charlie Randazzo at [crandazz@jccc.edu](mailto:crandazz@jccc.edu) for approval. This course focuses on communication concepts and skills utilized in the workplace. The course demonstrates the relationships between listening; oral communication; human relations skills; problem-solving and teamwork dynamics; time and resource management; and work ethics and job interviewing; with success in a student's desired field.

82615 005 F2F	----S-	08:00-11:30 AM	09/21/19-10/12/19	CTE 229	Buta C	Closed
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#### *Accelerating Opportunity KS*

82616 006 F2F	M-----	05:00-05:50 PM	08/19/19-12/15/19	CTE 259	Anderson R	Closed
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#### *Accelerating Opportunity KS*

CRN	Days	Time	Date	Location	Instructor	Seats Open
82617 007 F2F	----F--	01:00-01:50 PM	08/23/19-12/15/19	CTE 254	Vasquez A	Closed
<i>Accelerating Opportunity KS</i>						
82646 008 F2F	-----S-	09:00-12:30 PM	10/26/19-11/16/19	CTE 229	Buta C	Closed
<i>Accelerating Opportunity KS</i>						

## SPD 180 - Intercultural Communication

The Intercultural Communication course is concerned with communication theory as it relates to cross-cultural interactions. This course utilizes concepts drawn from sociology, psychology, anthropology and communication. Focus is on identifying the cultural bases of beliefs, attitudes, values and behaviors. Objectives include recognizing commonalities across cultures, tolerating ambiguity in a variety of situations, developing a more global multicultural perspective, identifying and appreciating other cultural orientations, and recognizing and assigning cultural explanations to specific behaviors.

**Credit Hours: 3**

**Associated Costs:** \$5 to \$10

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_180](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_180))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80124 001 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	CC 332	Easley-Giraldo T	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
80125 002 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC 332	Schrag C	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
80126 350 ONLNE	-----	-	09/03/19-12/15/19	Online	Easley-Giraldo T	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
Note: This Intercultural Communication course is an online course that incorporates the same content and expectations as the traditional on-campus course. Since this course will use Canvas students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. This is a late-start class so the course will be available in Canvas on the first day of class, September 3, 2019. For more information, please contact the instructor, Terri Easley-Giraldo at <a href="mailto:teasley3@jccc.edu">teasley3@jccc.edu</a> .						
80127 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Welsch L	Closed
<i>Cultural Diversity Designation</i>						
<i>General Education Designation</i>						
Note: SPD 180 351 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Lindsey Welsch, at 913-469-8500, ext. 5323, or e-mail <a href="mailto:lwelsch@jccc.edu">lwelsch@jccc.edu</a> .						
80128 352 ONLNE	-----	-	08/19/19-12/15/19	Online	Gibbens M	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
Note: For more information, contact the instructor, Meridith Gibbens at <a href="mailto:mgibbens@jccc.edu">mgibbens@jccc.edu</a> .						

## SPD 230 - Intermediate Debate II

This course is designed for students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. Prerequisite: SPD 132.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_230](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80162 001 F2F	--W----	02:00-04:50 PM	08/21/19-12/15/19	CC 216	Stanley J Stout D	Closed

## SPD 235 - Advanced Debate

This course is designed for students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation will be developed. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. Prerequisite: SPD 230.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/spd/#SPD\\_235](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_235))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80163 001 F2F	--W----	02:00-04:50 PM	08/21/19-12/15/19	CC 323	Stanley J Stout D	Closed

## Theater

### THEA 120 - Introduction to Theater ▶

Students will be introduced to a variety of theatrical experiences, which includes reading plays and analyzing live theatre performances. This course also offers opportunities to experience theatre through set construction, design, stage and costume crew, or acting if the student desires.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_120](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80307 001 F2F	M-W-F--	10:00-10:50 AM	08/19/19-12/15/19	GEB 342	Urban A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80308 002 F2F	M-W-F--	11:00-11:50 AM	08/19/19-12/15/19	GEB 342	Noble T	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
80309 003 F2F	-T-R--	11:00-12:15 PM	08/20/19-12/15/19	GEB 342	Noble T	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80310 201 F2F	M-----	06:00-09:00 PM	09/09/19-12/15/19	GEB 342	Meixelsperger E	Closed
<i>KBOR Seamless Transfer</i>						
<i>General Education Designation</i>						
80311 351 ONLNE	-----	-	08/19/19-12/15/19	Online	Roose A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
83221 352 ONLNE	-----	-	12/11/19-01/08/20	Online	Roose A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						
83185 353 ONLNE	-----	-	10/14/19-12/08/19	Online	Roose A	Closed
<i>General Education Designation</i>						
<i>KBOR Seamless Transfer</i>						

### THEA 121 - Fundamentals of Acting

This course is designed to teach the fundamentals of acting for those students who have little or no experience in the theatre. We will overview all the tools used by actors, including improvisation, vocal, physical and psychological warm-ups, building trust, relaxation and discipline techniques. Students will complete a minimum of three in-class performances.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_121](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80312 001 F2F	M-W----	11:00-12:15 PM	08/19/19-12/15/19	CC BLBOX	Urban A	Closed
80313 002 F2F	M-W----	12:30-01:45 PM	08/19/19-12/15/19	CC BLBOX	Pettigrew B	Closed
80314 003 F2F	-T-R---	09:30-10:45 AM	08/20/19-12/15/19	CC BLBOX	Noble T	Closed

### THEA 123 - Improvisation for the Theater

The student will be introduced to theater improvisation, which will emphasize creative stage activities not requiring a written script. Participation in activities of this course will release and enhance the work of serious acting students and show the students how to approach characterization viscerally rather than intellectually, spontaneously rather than intentionally. Prerequisite: THEA 130.

**Credit Hours: 2**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_123](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_123))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80316 001 F2F	----F--	10:00-12:20 PM	09/20/19-12/15/19	CC BLBOX	Meixelsperger E	Closed

### THEA 130 - Acting I

Acting I will expand on the skills learned in Fundamentals of Acting and will concentrate on developing scene work. Emphasis will be on expanding creative potential through exercises in self-awareness, posture, movement, voice and personality projection. Students will complete a minimum of four in-class performances. Prerequisite: THEA 121 with a grade of "C" or higher or department approval.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_130](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_130))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80318 001 F2F	-T-R---	12:30-01:45 PM	08/20/19-12/15/19	CC BLBOX	Pettigrew B	Closed

*KBOR Seamless Transfer*

### THEA 131 - Voice and Speech

The student will develop techniques to expand breath support, vocal range and dynamics; learn precise articulation; and strengthen the connection between thought and sound. Through the use of exercises to free, develop and strengthen the voice, the student will be better able to communicate the full range of human emotion and all the nuances of thought. Skills acquired in this course are essential for actors, broadcast journalists, educators and other public speakers.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_131](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_131))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80319 001 F2F	M-W----	09:30-10:45 AM	08/19/19-12/15/19	CC BLBOX	Meixelsperger E	Closed

### THEA 133 - Technical Practicum I

Students gain practical experience in technical theater in this course. The student completes the course objectives by working in the theatre department's productions and/or working in the scene/costume shop during the semester.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_133](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_133))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80320 501 INT	-----	-	08/19/19-12/15/19		James J	3 of 3

*KBOR Seamless Transfer*

Requirement: Department approval

## THEA 134 - Performance Practicum I

This course will enable students to gain practical experience in performance-related aspects of college theater productions. Admission may be granted upon being cast in a JCCC production.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_134](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_134))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80322 501 INT	-----	-	08/19/19-12/15/19		Pettigrew B	7 of 8

Requirement: Department approval

## THEA 135 - Stage Makeup

An introductory course designed to provide an understanding of, and practical skill in, the design and application of makeup for theatrical performance.

**Credit Hours:** 2

**Associated Costs:** \$30 to 60

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_135](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_135))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80323 001 F2F	M-----	01:30-03:50 PM	08/19/19-12/15/19	CC 296	James J	Closed

## THEA 145 - Introduction to Theater Design

This lecture and studio class introduces the theory and practice of theater design and the graphics and standards of entertainment technology. This course focuses on understanding foundational elements of theatrical design and developing the skills to translate text into visual content. It involves script analysis, research, creative exploration, and visual communication. Emphasis will be on the processes and practices used in designing for the performing arts.

**Credit Hours:** 3

**Associated Costs:** \$20 to 80

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_145](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_145))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80326 001 F2F	-T-R---	09:30-11:20 AM	08/20/19-12/15/19	CC 229	James J	Closed

## THEA 233 - Technical Practicum II

Students gain practical experience in technical theater in this course. The student completes the course objectives by working on the theatre department's productions and/or working in the scene/costume shop during the semester. Prerequisite: THEA 133.

**Credit Hours:** 1

Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_233](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_233))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80332 501 INT	-----	-	08/19/19-12/15/19		James J	3 of 3

*KBOR Seamless Transfer*

Requirement: Department approval

## THEA 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to performance, technical theatre, and design not normally taught in the curriculum, to interested and qualified students within the program. Prerequisite: Department approval.

**Credit Hours:** 3



Outline ([http://catalog.jccc.edu/coursedescriptions/thea/#THEA\\_292](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_292))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80329 001 F2F	-T-R---	11:00-12:15 PM	08/20/19-12/15/19	CC BLBOX	Miller D	Closed

This section's title is **Special Topics: Stage Combat**.

This course is an introduction to the practical study and hands-on application of stage combat techniques in Unarmed Combat as defined by the Society of American Fight Directors.

## Writing Center

### WCTR 103 - Practical Writing Skills

This Writing Center course is designed to enable writers to review parts of speech, learn the elements of a sentence, and learn basic sentence patterns. Emphasis is on simple sentence composing and combining, using complex and compound sentences. Students are encouraged practice writing to develop fluency of text.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_103](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_103))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82488 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	50 of 50

### WCTR 107 - Sentence Pattern Skills

This Writing Center course is designed to enable writers to identify parts of speech, elements of a sentence, and basic sentence patterns. Emphasis is on simple sentence composing and combining. Students are encouraged practice writing to develop fluency of text.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_107](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_107))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82489 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	47 of 50

### WCTR 108 - Composing Skills

This course is designed to teach students how to write at the paragraph level. Students will learn how to choose a topic, narrow the topic, and to organize and develop the topic using supporting evidence. Emphasis will be given to revision and editing strategies emphasizing fluency of text.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_108](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_108))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82490 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Byrne K	48 of 50
82491 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	49 of 50

### WCTR 109 - Proofreading Skills

This course is designed to provide students with strategies and rules that will help them recognize and repair common grammar, usage, and mechanical errors in their writing.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_109](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_109))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82492 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	49 of 50

## WCTR 110 - English Grammar Review

This course reviews parts of speech, sentence elements, sentence patterns, and common sentence level errors. This course facilitates the development of writing fluency.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_110](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82493 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	50 of 50

## WCTR 112 - Research Skills

This research skills course covers selectively gathering resource materials, synthesizing the information, and developing an academic essay in an agreed citation format.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_112](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82494 350 ONLNE	-----	-	08/19/19-12/15/19	Online	Byrne K	46 of 50

## WCTR 115 - Revision Skills

This revision skills class exposes the practicing writer to strategies and resources used to revise all writing, including business, academic, and personal writing. Revision Skills compliments courses in which writing is assigned and encourages students to use current writing activities or assignments to facilitate deeper understanding of revision practices.

**Credit Hours: 1**

Outline ([http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR\\_115](http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_115))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82496 960 IND	-----	-	08/19/19-12/15/19	LIB 308	Byrne K	50 of 50

## Web Development Digital Media

### WEB 110 - HTML and CSS

This course will cover the essential skills needed to create responsive websites, using HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). Students will be introduced to the concepts, foundations, syntax and structure of HTML and CSS. Additional topics include the use of File Transfer Protocol (FTP) to publish websites and validation to web standards established by the World Wide Web Consortium (W3C) and other organizations.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_110](http://catalog.jccc.edu/coursedescriptions/web/#WEB_110))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80920 001 F2F	M-----	09:00-11:50 AM	08/19/19-12/15/19	RC 323	Bandel W	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS</i>						
80921 002 F2F	M-----	02:30-05:20 PM	08/19/19-12/15/19	RC 376	White M	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
80922 003 F2F <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	-T-----	09:00-11:50 AM	08/20/19-12/15/19	RC 323	Lafferty P	Closed
80923 004 F2F <i>SB 155 Excel in CTE Accelerating Opportunity KS</i>	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 353	Lafferty P	Closed
80924 005 F2F <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	----S-	09:00-11:50 AM	08/24/19-12/15/19	RC 323	Lafferty P	Closed
80925 350 ONLNE <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	-----	-	08/21/19-12/15/19	Online	Friedrichsen L	Closed
80926 351 ONLNE <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	-----	-	08/22/19-12/15/19	Online	Friedrichsen L	Closed
80927 352 ONLNE <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	-----	-	09/26/19-12/05/19	Online	Friedrichsen L	Closed

## WEB 112 - Professional Skills for the Digital Developer

This course covers the development of a professional digital portfolio. Also, students will use technology to achieve effective team management, project management and problem-solving skills. Current and relevant legal, ethical and governmental issues important to a career in digital development are also covered. Professional branding through social media, resume and cover letter will be produced. Self-promotion, networking, job searches and interview skills will also be covered.

**Credit Hours: 3**

**Associated Costs: \$10-\$15**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_112](http://catalog.jccc.edu/coursedescriptions/web/#WEB_112))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80928 001 F2F <i>Accelerating Opportunity KS</i>	M-W----	01:00-02:20 PM	08/19/19-12/15/19	RC 323	Bandel W	Closed
80929 002 F2F <i>Accelerating Opportunity KS</i>	M-----	06:00-08:50 PM	08/19/19-12/15/19	RC 323	Lafferty P	Closed

## WEB 114 - Web Scripting: JavaScript I

Students will study the purpose for and principles of client-side scripting using JavaScript. Topics include JavaScript variables, operators, expressions, functions, control structures, arrays and event listeners. Students will use professional techniques to write and debug code. JavaScript security issues will be explored. Prerequisite or Corequisite: WEB 110.

**Credit Hours: 2**

**Associated Costs: \$50 to \$75**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_114](http://catalog.jccc.edu/coursedescriptions/web/#WEB_114))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80930 001 F2F <i>SB 155 Excel in CTE Accelerating Opportunity KS</i>	--W----	09:00-10:50 AM	08/21/19-12/15/19	RC 323	Wheeler K	Closed
80931 350 ONLNE <i>Accelerating Opportunity KS SB 155 Excel in CTE</i>	-----	-	10/01/19-12/03/19	Online	Friedrichsen L	Closed
80932 351 ONLNE	-----	-	10/01/19-12/03/19	Online	Friedrichsen L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						

## WEB 116 - Digital Media Concepts

This course examines the digital media creation process and the impact of emerging technology on that process. Emphasis is placed on the need to understand target audiences, as well as the impact of content on those audiences. Creative culture is examined so students may begin to understand the relationship between ideas and the structure and management of the organizations and intellectual property systems used to express those ideas.

**Credit Hours: 2**

**Associated Costs: \$10-\$15**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_116](http://catalog.jccc.edu/coursedescriptions/web/#WEB_116))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80933</b> 001 F2F	M-W----	03:00-03:50 PM	08/19/19-12/15/19	RC 323	Lafferty P	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>80934</b> 002 F2F	-T-R---	05:00-05:50 PM	08/20/19-12/15/19	RC 323	Lafferty P	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						

## WEB 118 - Digital Workflow

The course introduces the terminology, planning, processes, and tools needed for web development and digital media projects. Students will be introduced to current and best practice strategies, including how to manage client expectations, develop requirements for designing in the browser, create style guides and documentation, develop techniques for handling responsive design requirements, and visualizing the points where responsive designs change.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_118](http://catalog.jccc.edu/coursedescriptions/web/#WEB_118))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>82620</b> 001 F2F	--W----	09:00-11:50 AM	08/21/19-12/15/19	RC 376	Hopper J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						
<b>82621</b> 002 F2F	---R---	02:00-04:50 PM	08/22/19-12/15/19	RC 323	Hopper J	<b>Closed</b>
<i>Accelerating Opportunity KS</i>						

## WEB 120 - Web Analytics

Upon successful completion of this course, students should be able to implement and apply Web analytics techniques. Topics to be covered include Web traffic analysis, data collection methodologies, report analysis, best-practices configuration and search engine optimization. Prerequisite: WEB 110.

**Credit Hours: 3**

**Associated Costs: \$10-\$15**

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_120](http://catalog.jccc.edu/coursedescriptions/web/#WEB_120))

CRN	Days	Time	Date	Location	Instructor	Seats Open
<b>80936</b> 376 HYB	--W----	04:30-05:50 PM	08/21/19-08/21/19	RC 323	Lewandowski M	<b>Closed</b>
	-----	-	08/21/19-12/11/19	<b>Online</b>		
	--W----	04:30-05:50 PM	09/04/19-09/04/19	RC 323		
	--W----	04:30-05:50 PM	09/25/19-09/25/19	RC 323		
	--W----	04:30-05:50 PM	10/09/19-10/09/19	RC 323		
	--W----	04:30-05:50 PM	10/23/19-10/23/19	RC 323		
	--W----	04:30-05:50 PM	11/06/19-11/06/19	RC 323		
	--W----	04:30-05:50 PM	11/20/19-11/20/19	RC 323		
	--W----	04:30-05:50 PM	12/04/19-12/04/19	RC 323		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	--W----	04:30-05:50 PM	12/11/19-12/11/19	RC 323		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

## WEB 121 - Digital Media Assets

This course focuses on technologies and workflows in managing digital image, digital video and audio assets throughout an asset's life cycle. Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies. Students will design and create multimedia projects that address customer needs and solve real world problems. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Prerequisite or Corequisite: WEB 116.

**Credit Hours: 4**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_121](http://catalog.jccc.edu/coursedescriptions/web/#WEB_121))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80937 001 F2F	---R---	09:00-11:50 AM	08/22/19-12/15/19	RC 323	Bandel W	Closed
<i>SB 155 Excel in CTE</i>						

## WEB 124 - Web Scripting: JavaScript II

Students will apply JavaScript to interact with the Document Object Model (DOM) and the Browser Object Model (BOM), and to manage state information, cookies and security. Students will also use JavaScript to enhance and validate form data and to manipulate data in strings and arrays, and will use existing JavaScript classes and objects to build upon their object-oriented programming skills. Students will study and apply coding techniques to address JavaScript security issues. Prerequisite: WEB 114.

**Credit Hours: 2**

**Associated Costs:** \$50 to \$75

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_124](http://catalog.jccc.edu/coursedescriptions/web/#WEB_124))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80940 002 F2F	-T-----	06:00-08:50 PM	08/20/19-10/22/19	RC 376	Radford E	Closed
<i>SB 155 Excel in CTE</i>						
80941 350 ONLNE	-----	-	08/20/19-10/22/19	Online	Friedrichsen L	Closed
<i>SB 155 Excel in CTE</i>						

## WEB 125 - Digital Video Tools

This introductory video production technology course will cover basic desktop computer operating systems and the technologies used to bring photographic (film, video, still) images and audio into the digital domain. Students will learn to prepare audio and video media from pre-production to post-production techniques for digital delivery systems and the Internet.

**Credit Hours: 1**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_125](http://catalog.jccc.edu/coursedescriptions/web/#WEB_125))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80942 001 F2F	----F--	11:00-01:50 PM	09/27/19-10/25/19	RC 323	Bandel W	Closed
<i>SB 155 Excel in CTE</i>						

## WEB 126 - Technical Interface Skills

This course will cover the skills needed to successfully develop Information Architecture (IA) blueprints from concept to completion. Students will use fundamental visual principles, perception, color, composition and typography to analyze and modify existing IA plans while keeping consistent structure. They will create complementary visuals that maintain a client's brand while working through the modification process. Students will review the critical universal usability rules and basic visual design principles quintessential of a design team and to implement an aesthetic vision through every step of development. Prerequisite: WEB 110.

**Credit Hours: 3**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_126](http://catalog.jccc.edu/coursedescriptions/web/#WEB_126))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80943 001 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	RC 323	Nord E	Closed

*SB 155 Excel in CTE*

## WEB 128 - Server Scripting: PHP with MySQL

This course covers the commands and techniques available to add functionality to Web pages using Hypertext Preprocessor (PHP). Students will build client-side PHP scripts with variables, functions, expressions, methods and events to validate forms and enhance Web page functionality. The basics of server-side scripting are introduced. Students also define and build a relational database using MySQL, then use PHP scripts as well as SQL in a Web page to connect to the database to edit, delete and enter records. Prerequisite: WEB 110.

**Credit Hours: 2**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_128](http://catalog.jccc.edu/coursedescriptions/web/#WEB_128))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80945 350 ONLNE	-----	-	09/25/19-12/04/19	Online	Mein P	Closed

*SB 155 Excel in CTE*

## WEB 230 - Asynchronous JavaScript and XML

This course will introduce and explain the use of AJAX (Asynchronous JavaScript and eXtensible Markup Language). AJAX is not a technology itself but is a combination of HTML (HyperText Markup Language), CSS (Cascading Style Sheets) and JavaScript's use of the DOM (Document Object Model). Students will use AJAX to dynamically load data into a Web page. Topics include auto complete functionality and other interactive features to a Web page. Prerequisite: WEB 114.

**Credit Hours: 1**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_230](http://catalog.jccc.edu/coursedescriptions/web/#WEB_230))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80989 001 F2F	---R---	06:00-08:50 PM	10/31/19-12/05/19	RC 323	Young A	Closed

*SB 155 Excel in CTE*

## WEB 231 - User Experience

This course will serve as a broad survey of the user experience design process for interactive products and services. Students will learn the building blocks of the user experience including interaction design, design research, information architecture and design principles. It will also provide knowledge of how to evaluate user experience concepts using methods such as heuristic evaluation, prototyping and usability studies. Through readings, critiques, exercises and discussions, students will explore what makes the experience of an interactive media application successful. Prerequisite: WEB 126.

**Credit Hours: 4**

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_231](http://catalog.jccc.edu/coursedescriptions/web/#WEB_231))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80993 001 F2F	-T-----	06:00-08:50 PM	08/20/19-12/15/19	RC 323	Nord E	Closed

## WEB 236 - Content Management Systems Development

Content Management Systems (CMS) have gained in popularity as the number of robust and complex websites continues to grow. Students will cover the life cycle of websites, including their creation, management, distribution and publishing of content. This hands-on course will cover open source CMS applications such as Joomla, Drupal, WordPress and other technologies and the resources available to designers and developers. Students will explore the fundamentals of planning dynamic websites, CMS database management, developing Cascading Style Sheet (CSS)-controlled site templates, and creating database-driven websites through the planning and creation of their own topic-based sites. Student exercises include how to interact, engage and contribute to online communities and projects. Prerequisite: WEB 128.

**Credit Hours:** 3

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_236](http://catalog.jccc.edu/coursedescriptions/web/#WEB_236))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80996 001 F2F	---R---	06:00-08:50 PM	08/22/19-12/15/19	RC 355	Martin L	Closed

*SB 155 Excel in CTE*

## WEB 237 - Emerging Technologies

This course provides a practical approach to encourage greater understanding and analysis of emerging technologies such as the web, social media, mobile apps, video games and wearables. The course focuses on how companies, organizations and individuals are using digital media to communicate and connect with all of their various stakeholder groups, including consumers. As the media environment changes with new technological capabilities to distribute and retrieve messages, companies' promotional communication strategies must adapt as well. This course exposes students to the decision-making involved in a promotional communication context in terms of both message content development and placement. Prerequisite: WEB 126.

**Credit Hours:** 3

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_237](http://catalog.jccc.edu/coursedescriptions/web/#WEB_237))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82625 001 F2F	-T-----	01:00-04:50 PM	08/20/19-12/15/19	RC 376	Bandel W	Closed

## WEB 238 - Interactive Scripting: JQuery

Designers and developers can use jQuery to have complete access to all Cascading Style Sheets (CSS) styles of any element on a Web page, effortless Web page content manipulation via filters and patterns, detection or creation of events (mouse movement or click), moving, hiding and fading elements and other features. Students will be exposed to how to write efficient jQuery selectors to round up sets of Document Object Model (DOM) elements, how to use the framework's many methods to manipulate DOM elements, how to use the jQuery event application programming interface (API) to set up event listeners and event delegation, how to manage Ajax requests with jQuery and how to extend jQuery with custom filters and methods. Prerequisite: WEB 122 and WEB 124.

**Credit Hours:** 4

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_238](http://catalog.jccc.edu/coursedescriptions/web/#WEB_238))

CRN	Days	Time	Date	Location	Instructor	Seats Open
80998 001 F2F	-T-----	01:00-03:50 PM	08/20/19-12/15/19	RC 323	Hopper J	Closed

*SB 155 Excel in CTE*

## WEB 243 - Search Engine Optimization

This course will cover how to optimize a website to maximize search engine ranking. Upon completion of the course students will be able to identify and implement effective website designs and strategies for search engine optimization. Prerequisite: WEB 110.

**Credit Hours:** 1

**Associated Costs:** \$10-\$15

Outline ([http://catalog.jccc.edu/coursedescriptions/web/#WEB\\_243](http://catalog.jccc.edu/coursedescriptions/web/#WEB_243))

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80999 350 ONLNE	-----	-	10/31/19-12/05/19	Online	Bandel W	Closed

SB 155 Excel in CTE

## Women and Gender Studies

### WGS 201 - Global Women's Studies

The course is intended to increase student understanding of the history and experiences of women. It principally focuses on the ways in which gender interacts with race/ethnicity, social class, sexual orientation, religion, age, nationality and other cultural identities to create differences and similarities in gendered lives. Students will critically examine and compare through a multidisciplinary approach the voices and experiences of women representing both domestic and global diversities. Selected topics may include gender socialization; the female body and the sociopolitical context of reproduction, body image, appearance and of sexuality; similarities and differences between the genders; marriage and the family; work roles, inequalities and the global economy; health issues; violence against and by women; women in religion and politics; and a historical and contemporary look at global feminism.

**Credit Hours: 3**

Outline ([http://catalog.jccc.edu/coursedescriptions/wgs/#WGS\\_201](http://catalog.jccc.edu/coursedescriptions/wgs/#WGS_201))

CRN	Days	Time	Date	Location	Instructor	Seats Open
82198 001 F2F	--W----	06:00-08:50 PM	08/21/19-12/15/19	CC 352	Klinger T	Closed

*General Education Designation*

*KBOR Seamless Transfer*

*Cultural Diversity Designation*

## Promoted Searches

- [Winter Session Classes \(/class/results/term\\_type/Credit?query=keywords%3Awinter&ecid=featured\)](#)
- [Online Classes \(/class/results/term\\_type/Credit/section\\_status/OPEN/section\\_delivery\\_method/ONLNE?ecid=featured\)](#)
- [Evening Classes \(/class/results/term\\_type/Credit/section\\_status/OPEN/meeting\\_time\\_category/EVENING?ecid=featured\)](#)
- [Classes Starting Soon \(/class/results/term\\_type/Credit/section\\_status/OPEN?startDaysOut=30&ecid=featured\)](#)
- [SB 155 Excel in CTE Classes \(/class/results/term\\_type/Credit?query=keywords%3As155&ecid=featured\)](#)
- [Short-term Classes \(/class/results/term\\_type/Credit?query=keywords%3Ashortterm&ecid=featured\)](#)

## Resources for Credit Students

- [Steps to enroll \(http://www.jccc.edu/enroll/credit-steps\)](http://www.jccc.edu/enroll/credit-steps)
- [Academic calendar \(http://www.jccc.edu/calendars\)](http://www.jccc.edu/calendars)
- [Course catalog \(http://catalog.jccc.edu\)](http://catalog.jccc.edu)
- [Archived course schedules \(http://www.jccc.edu/enroll/archived-course-schedules.html\)](http://www.jccc.edu/enroll/archived-course-schedules.html)
- [KBOR Transfer \(http://www.kansasregents.org/transfer\\_articulation\)](http://www.kansasregents.org/transfer_articulation)

## Need help?

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