

Credit Fall 2018
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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82266 001 IND	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82277 001 IND	-----	-	08/20/18-12/16/18	OCB 304	Merritt J	Closed
82278 002 IND	-----	-	09/04/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82279 001 IND	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82281 001 IND	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82282 001 IND	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82283 001 IND	-----	-	08/20/18-12/16/18	OCB 304	Merritt J	Closed
82284 002 IND	-----	-	09/17/18-12/16/18	OCB 304	Merritt J	Closed
82966 003 IND	-----	-	08/20/18-12/16/18	OCB 304	Parra L Rottinghaus D	Closed
Note: This section is intended for students who have shown a need for targeted reading improvement.						
83022 004 IND	-----	-	09/04/18-12/16/18	OCB 304	Parra L Rottinghaus D	Closed

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

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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80499 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 363	Megarlis M	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80500 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Farmer C	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80501 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Farmer C	Closed

SB 155 Excel in CTE
Accelerating Opportunity KS

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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80502 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 254	Megariss M	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80503 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 254	Krug D	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80504 003 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 254	King A	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80505 004 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 256	Gluhovskiy A	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80506 006 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 254	King A	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
82569 007 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 256	Forbes H	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80507 008 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 353B	Gluhovskiy A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80509 010 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 353B	Gluhovsky A	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80510 011 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	GEB 256	Fallis P	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80511 012 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 254	Fallis P	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80512 013 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 254	Forbes H	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80513 014 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 254	Fallis P	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80514 015 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 353B	Gluhovsky A	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80516 017 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	GEB 254	Henn R	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80517 018 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 254	Wright J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80518	019 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 254 Jones D	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80522	350 ONLNE	-----	-	08/20/18-12/16/18	Online Krug D	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80523	351 ONLNE	-----	-	08/20/18-12/16/18	Online Krug D	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80526	352 ONLNE	-----	-	08/20/18-12/16/18	Online Krug D	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80528	353 ONLNE	-----	-	08/20/18-12/16/18	Online Spoolstra A	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80530	354 ONLNE	-----	-	08/20/18-12/16/18	Online Spoolstra A	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80532	355 ONLNE	-----	-	08/20/18-12/16/18	Online Fisher E	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80534	357 ONLNE	-----	-	08/20/18-10/14/18	Online Fisher E	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Accelerating Opportunity KS

SB 155 Excel in CTE

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. 3 hrs./wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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 increased emphasis on interpretation and use of accounting data peculiar to partnerships, corporations and manufacturing companies. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80710 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 353B	Forbes H	Closed
<i>SB 155 Excel in CTE</i>						
80711 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 353B	Krug D	Closed
<i>SB 155 Excel in CTE</i>						
80712 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 353B	Krug D	Closed
<i>SB 155 Excel in CTE</i>						
80713 004 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 353B	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80714 005 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 353B	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80716 006 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 353B	Wayne A	Closed
<i>SB 155 Excel in CTE</i>						
80718 350 ONLNE	-----	-	08/20/18-12/16/18	Online	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80723 351 ONLNE	-----	-	08/20/18-12/16/18	Online	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80724 353 ONLNE	-----	-	08/20/18-10/14/18	Online	Sivaratnam L	Closed
<i>SB 155 Excel in CTE</i>						
80729 354 ONLNE	-----	-	10/15/18-12/09/18	Online	Sivaratnam L	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80730 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 363	Smith S	Closed
<i>SB 155 Excel in CTE</i>						
80731 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Spoolstra A	Closed
<i>SB 155 Excel in CTE</i>						
80732 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Spoolstra A	Closed
<i>SB 155 Excel in CTE</i>						

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ACCT 111 or ACCT 121

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80736 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Van Dyke E	Closed
<i>SB 155 Excel in CTE</i>						
Note: Access to QuickBooks (QB) is required. A new textbook contains a CD and registration code for a trial version of QB 2015. QB prefers Windows (and not a Mac). Use of a MAC is NOT recommended. Some JCCC computer labs have QB 2015 installed as well.						

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or Corequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80737 350 ONLNE	-----	-	08/20/18-12/16/18	Online	King A	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 121

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80738 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Fisher E	Closed
<i>SB 155 Excel in CTE</i>						

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 financial statement analysis, cost application and budgeting reports management. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 122 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80740 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 363	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80756 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 363	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
80759 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 363	Cropp D	Closed
<i>SB 155 Excel in CTE</i>						
80760 006 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 256	Cropp D	Closed
<i>SB 155 Excel in CTE</i>						
80761 007 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 363	Henn R	Closed
<i>SB 155 Excel in CTE</i>						
80762 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Jones L	Closed
<i>SB 155 Excel in CTE</i>						
80763 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Jones L	Closed
<i>SB 155 Excel in CTE</i>						
80764 352 ONLNE	-----	-	10/15/18-12/09/18	Online	Jones L	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80765 376 HYB	M-----	04:30-05:45 PM	08/20/18-12/16/18	GEB 353B	Krug D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/20/18-12/16/18	Online		

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.

Credit Hours: 1

Prerequisites: ACCT 121 plus 12 additional ACCT hours beyond ACCT 121 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_278)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80767 500 INT	-----	-	08/20/18-12/16/18	Online	King A	8 of 16

SB 155 Excel in CTE

Mandatory Classroom Meetings

There is a mandatory meeting time for this course on Wednesday, August 22nd from 6:00-6:30pm.

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.

Credit Hours: 3

Prerequisites: ACCT 121 and ACCT 122 and 12 hours of accounting courses and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80769 376 HYB	-----	-	08/20/18-12/16/18	Online	Forbes H	Closed
	-T-----	04:30-05:45 PM	08/21/18-12/16/18	GEB 353B		

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81378 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	PA 145	Galbrecht F	Closed
<i>KBOR Seamless Transfer</i>						
81379 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	PA 133	Ladd G	Closed
<i>KBOR Seamless Transfer</i>						
81380 003 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	PA 145	Sissom K	Closed
<i>KBOR Seamless Transfer</i>						
81381 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81382 351 ONLNE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81383 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	PA 133	Ashman C	Closed
<i>SB 155 Excel in CTE</i>						
81384 002 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	PA 145	Gabrielson J	Closed
<i>SB 155 Excel in CTE</i>						
81385 351 ONLNE	-----	-	08/20/18-12/16/18	Online	King K	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81387 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	PA 133	Ashman C	Closed
81389 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	PA 145	Galbrecht F	Closed
81391 003 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	PA 145	Ladd G	Closed
81393 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Daniels M	Closed
81395 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Blank S	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81397 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121 or LAW 121

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81398 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	PA 145	Galbrecht F	Closed
81399 351 ONLNE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81400 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Whitford S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
83272 352 ONLNE	-----	-	12/12/18-01/09/19	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81402 351 ONLNE	-----	-	08/20/18-12/16/18	Online	King K	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81403 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	PA 144	Blank S	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81405 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Whitford 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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81407 201 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ADMJ 121

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83273 351 ONLINE	-----	-	12/12/18-01/09/19	Online	Blank S	Closed

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81408 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	PA 144	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81409 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	PA 133	King K	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81410 351 ONLINE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81411 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	PA 145	King K	Closed
82642 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Daniels M	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.

Credit Hours: 3

Prerequisites: Fifteen credit hours in ADMJ courses or department approval and a grade point average of 2.0 or higher

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81413 501 INT	-----	-	08/20/18-12/16/18		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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80519 001 F2F	M-----	01:30-03:20 PM	08/20/18-12/16/18	ATB 132	Clark H	Closed
	Lab -T-----	01:30-04:20 PM	08/21/18-12/16/18	ATB 168A		

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

Prerequisite: ELTE 110

Outline (http://catalog.jccc.edu/coursedescriptions/aet/#AET_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80521 001 F2F	M-----	09:30-11:20 AM	08/20/18-12/16/18	ITC 188	Clark H	Closed
	Lab -T-----	08:30-11:20 AM	08/21/18-12/16/18	ATB 168A		

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. 2 hrs. lecture/wk, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: ELTE 110

Outline (http://catalog.jccc.edu/coursedescriptions/aet/#AET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80524 001 F2F	M-----	12:00-01:50 PM	08/20/18-12/16/18	ITC 188	Keating E	Closed
	Lab M-----	02:00-04:50 PM	08/20/18-12/16/18	ITC 191B		

SB 155 Excel in CTE

80525 002 F2F	M-----	05:00-06:50 PM	08/20/18-12/16/18	ITC 188	Keating E	Closed
	Lab M-----	07:00-09:50 PM	08/20/18-12/16/18	ITC 191B		

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

[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
81938 001 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	OCB 106	Pemberton R	Closed
<i>SB 155 Excel in CTE</i>						
81939 002 F2F	-T-R---	09:00-11:50 AM	08/21/18-12/16/18	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or Corequisite: CDTP 135

[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
81940 001 F2F	----FS-	09:00-11:50 AM	08/24/18-12/16/18	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

[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
81941 001 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: CDTP 135

[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
81942 001 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						
81943 002 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						
81944 003 F2F	----FS-	03:00-05:50 PM	08/24/18-12/16/18	RC 311	Kimball L	Closed
<i>SB 155 Excel in CTE</i>						

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: ANI 150

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81945 001 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	RC 311	Garrison A	Closed
<i>SB 155 Excel in CTE</i>						

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: ANI 150

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81946 001 F2F	-T-R---	09:00-11:50 AM	08/21/18-12/16/18	OCB 106	Byers J	Closed
<i>SB 155 Excel in CTE</i>						

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 150

[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
81947 001 F2F	----FS-	12:00-02:50 PM	08/24/18-12/16/18	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 220

[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
81948 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	RC 311	Byers J	Closed

SB 155 Excel in CTE

81949 002 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	OCB 106	Byers J	Closed
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SB 155 Excel in CTE

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 150

[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
81950 001 F2F	M-W----	09:00-11:50 AM	08/20/18-12/16/18	RC 311	Byers J	Closed

SB 155 Excel in CTE

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 220

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81951 001 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	RC 311	Stirk L	Closed

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81561 001 F2F	M-W-F--	08:00-09:50 AM	08/20/18-10/12/18	GEB 338	Huber-Smith M	Closed
<i>KBOR Seamless Transfer</i>						
81562 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 338	Daley S	Closed
<i>KBOR Seamless Transfer</i>						
81563 003 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 338	Raab L	Closed
<i>KBOR Seamless Transfer</i>						
81565 004 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 338	Raab L	Closed
<i>KBOR Seamless Transfer</i>						
81566 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Huber-Smith M	Closed
<i>KBOR Seamless Transfer</i>						
81567 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Corbett S	Closed
<i>KBOR Seamless Transfer</i>						
81569 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Corbett S	Closed
<i>KBOR Seamless Transfer</i>						
81570 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Raab A	Closed
<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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81571 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 338	McFarlane W	Closed
81572 351 ONLNE	-----	-	08/20/18-12/16/18	Online	McFarlane W	Closed
81573 352 ONLNE	-----	-	08/20/18-12/16/18	Online	McFarlane W	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81574 001 F2F	M-W-F--	08:00-09:50 AM	10/15/18-12/07/18	GEB 338	Smith T	Closed
81575 002 F2F	M-W----	02:30-03:45 PM	08/20/18-12/16/18	GEB 338	Divney J	Closed
81576 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 338	Raab L	Closed
81578 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Corbett S	Closed
81579 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Ediger R	Closed
83275 353 ONLNE	-----	-	12/12/18-01/09/19	Online	Harmon L	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81580 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 338	Daley S	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81581 001 F2F	M-W----	01:00-02:15 PM	08/20/18-12/16/18	GEB 338	McFarlane W	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
83193 351 ONLINE	-----	-	10/15/18-12/09/18	Online	McFarlane W	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81582 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 338	Daley S	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81201 001 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	ITC 134	Meadows B	Closed
81202 002 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	ITC 134	Miller J	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81203 001 F2F	M-W----	09:00-12:45 PM	08/20/18-12/16/18	ITC 134	Miller J	Closed

This course should be taken in conjunction with ARCH 292 Special Topics. for studio transfer credit.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81205 001 F2F	-T-----	04:00-06:45 PM	08/21/18-12/16/18	ITC 134	Meadows B	Closed

This course should be taken in conjunction with ARCH 127 - Intro. Architectural Graphics, for studio transfer credit.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81206 001 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81209 001 F2F	---R---	04:00-06:45 PM	08/23/18-12/16/18	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: 2

[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
81210 001 F2F	----F--	09:00-11:45 AM	08/24/18-12/16/18	ITC 134	Miller J	Closed

This section's title is **Special Topics: Digital Formats**.

This course should be taken in conjunction with ARCH 127 Intro. Architectural Graphics for studio transfer credit.

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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 145

[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
81314 001 F2F	---R---	08:00-01:15 PM	08/23/18-12/16/18	LIB 311	Kidwell M	Closed
81315 002 F2F	---R---	01:30-06:45 PM	08/23/18-12/16/18	LIB 346	Hawkins P	Closed
81316 003 F2F	M-----	08:00-01:15 PM	08/20/18-12/16/18	LIB 346	Kidwell M	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: ART 124

[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
81317 001 F2F	--W----	08:00-01:15 PM	08/22/18-12/16/18	LIB 311	Shinohara M	Closed
81318 002 F2F	M-----	08:00-01:15 PM	08/20/18-12/16/18	LIB 311	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81319 001 F2F	-T-----	08:00-01:15 PM	08/21/18-12/16/18	LIB 311	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81311 001 F2F	M-W----	08:00-10:50 AM	08/20/18-12/16/18	ATB 109	Kligman M	Closed
<i>KBOR Seamless Transfer</i>						
81312 002 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 109	Carroll J	Closed
<i>KBOR Seamless Transfer</i>						
81313 003 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	ATB 109	Ricketts C	Closed
<i>KBOR Seamless Transfer</i>						
81434 004 F2F	-T-R---	08:00-10:50 AM	08/21/18-12/16/18	ATB 109	Kira K	Closed
<i>KBOR Seamless Transfer</i>						
81435 005 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 109	Kira K	Closed
<i>KBOR Seamless Transfer</i>						
81436 006 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	ATB 109	Brown T	Closed
<i>KBOR Seamless Transfer</i>						
81437 007 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	ATB 109	Brown T	Closed
<i>KBOR Seamless Transfer</i>						
81439 008 F2F	-----S-	08:00-01:50 PM	08/25/18-12/16/18	ATB 109	Stewart M	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81438 001 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	ATB 109	Brown T	Closed
81440 002 F2F	-----S-	08:00-01:50 PM	08/25/18-12/16/18	ATB 109	Stewart M	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81441 001 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 101	Ricketts C	Closed
81442 002 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 101	Kligman M	Closed
81443 003 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	ATB 101	Schell A	Closed
81444 004 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	ATB 101	Schell A	Closed

ART 136 - Painting II

This course involves intermediate problems in painting with emphasis on individual expression based on historical as well as contemporary concerns and approaches in art. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 135

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81445 001 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 101	Kligman M	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81446 001 F2F	-T-R---	08:00-10:50 AM	08/21/18-12/16/18	ATB 135	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81447 001 F2F	M-W----	08:00-10:50 AM	08/20/18-12/16/18	ATB 111	Gascogne L	Closed
81448 002 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 111	Davis S	Closed
81449 003 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	ATB 111	Davis S	Closed
81450 004 F2F	-T-R---	08:00-10:50 AM	08/21/18-12/16/18	ATB 111	Gascogne L	Closed
81463 005 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	ATB 111	Haney N	Closed
81464 006 F2F	----S-	08:00-01:50 PM	08/25/18-12/16/18	ATB 111	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 250

Prerequisite: ART 142

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81465 001 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 111	Gascogne L	Closed
81466 002 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 111	Davis S	Closed
81469 003 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	ATB 111	Davis S	Closed
81472 004 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	ATB 111	Haney N	Closed
81475 005 F2F	----S-	08:00-01:50 PM	08/25/18-12/16/18	ATB 111	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81478 002 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	ATB 115	Burmood J	Closed
81479 003 F2F	M-W----	08:30-11:20 AM	08/20/18-12/16/18	ATB 115	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite: ART 145

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81483 002 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	ATB 115	Burmood J	Closed
83020 003 F2F	M-W----	08:30-11:20 AM	08/20/18-12/16/18	ATB 115	Cowardin M	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81484 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 115	Pener S	Closed
81485 002 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 115	Pener S	Closed
81486 003 F2F	-----S-	12:00-05:50 PM	08/25/18-12/16/18	ATB 115	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite: ART 148

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81487 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 115	Pener S	Closed
81488 002 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 115	Pener S	Closed
81489 003 F2F	----S-	12:00-05:50 PM	08/25/18-12/16/18	ATB 115	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81491 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 101	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81492 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 109	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 231

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81493 001 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 109	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. 6 hrs. integrated lecture studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 138

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81494 001 F2F	-T-R---	08:00-10:50 AM	08/21/18-12/16/18	ATB 135	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. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 250

Prerequisites: ART 143 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81495 001 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 111	Gascogne 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.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83019 960 IND	-----	-	08/20/18-12/16/18		Kligman M	Full

Requirement: Department approval

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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80787 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 352	DiCamillo R	Closed
<i>KBOR Seamless Transfer</i>						
80788 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 352	Smith A	Closed
<i>KBOR Seamless Transfer</i>						
82587 201 F2F	--W----	04:00-06:55 PM	09/05/18-12/16/18	ITC 134	Meadows B	Closed
<i>KBOR Seamless Transfer</i>						
80790 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Zell V	Closed
<i>KBOR Seamless Transfer</i>						
80791 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Newlands J	Closed
<i>KBOR Seamless Transfer</i>						
83194 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Dolemba M	Closed
<i>KBOR Seamless Transfer</i>						
83276 354 ONLNE	-----	-	12/12/18-01/09/19	Online	Smith A	Closed
<i>KBOR Seamless Transfer</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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_182)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80792 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 352	DiCamillo R	Closed
<i>KBOR Seamless Transfer</i>						
80793 002 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 352	DiCamillo R	Closed
<i>KBOR Seamless Transfer</i>						
80796 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Newlands J	Closed
<i>KBOR Seamless Transfer</i>						
80797 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Zell V	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_184)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80798 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 352	Zell V	Closed
80799 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Smith A	Closed
80800 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Smith A	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81609 001 F2F	M-W-F--	12:00-01:50 PM	08/20/18-12/16/18	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
81610 002 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	GEB 215	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						
81622 003 F2F	-T-R---	11:00-01:50 PM	08/21/18-12/16/18	GEB 215	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
81623 004 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
81624 005 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	CC 324	Latini T	Closed
<i>SB 155 Excel in CTE</i>						

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.

Credit Hours: 3

Prerequisite: ASL 120 or FL 180. All prerequisites require a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81625 001 F2F	M-W-F--	01:00-02:50 PM	08/20/18-12/16/18	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
81626 002 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						

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. 6 hrs. integrated lecture/lab/wk. The daytime sections only are open to students in the interpreter training program. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisites: ASL 121 or FL 181. All prerequisites require a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81627 001 F2F	M-W-F--	08:00-09:50 AM	08/20/18-12/16/18	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
81628 002 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs./wk. INTR 145 and ASL 145 are the same course; do not enroll in both.

Note: INTR 145 and ASL 145 are the same course; do not enroll in both

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisites or Corequisite: ASL 120 or FL 180 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81629 001 F2F	-T-R---	09:30-10:50 AM	08/21/18-12/16/18	GEB 215	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
81630 002 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 215	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						

ASL 147 - Fingerspelling I

Students will work on developing beginning expressive and receptive fingerspelling skills based on word recognition principles. 3 hrs. integrated lecture/lab/wk. The daytime sections are open only to students in the interpreter training program. INTR 147 and ASL 147 are the same course; do not enroll in both.

Note: INTR 147 and ASL 147 are the same course; do not enroll in both

Credit Hours: 2

Prerequisites: ASL 121 or FL 181 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81631 001 F2F	M-W----	10:00-11:20 AM	08/20/18-12/16/18	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
81632 002 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80001 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Koch W	Closed
<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.						
80002 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Koch W	Closed
<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.						
80003 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Patterson J	Closed
<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.						
80004 353 ONLNE	-----	-	09/04/18-12/16/18	Online	Patterson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: Late start 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.						
80005 354 ONLNE	-----	-	10/15/18-12/16/18	Online	Koch W	Closed
<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.						
83266 365 ONLNE	-----	-	12/12/18-01/09/19	Online	Koch W	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

NOTE: There are no on-campus class meetings, but the final exam must be taken in the JCCC Testing Center or at an approved testing center.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80006 001 F2F	M-----	09:00-10:50 AM	08/20/18-12/16/18	CLB 411	Patterson J	Closed
	Lab --W----	09:00-10:50 AM	08/22/18-12/16/18	CLB 411		
	--W----	11:00-11:50 AM	08/22/18-12/16/18	CLB 405		

KBOR Seamless Transfer

80007 002 F2F	-T-----	09:00-09:50 AM	08/21/18-12/16/18	CLB 411	Koch W	Closed
	Lab -T-----	10:00-11:50 AM	08/21/18-12/16/18	CLB 411		
	---R---	09:00-10:50 AM	08/23/18-12/16/18	CLB 411		

KBOR Seamless Transfer

80008 003 F2F	-T-----	01:00-01:50 PM	08/21/18-12/16/18	CLB 405	Koch W	Closed
	Lab -T-----	02:00-03:50 PM	08/21/18-12/16/18	CLB 411		
	---R---	01:00-02:50 PM	08/23/18-12/16/18	CLB 405		

KBOR Seamless Transfer

80009 050 F2F	M-----	06:00-07:50 PM	08/20/18-12/16/18	CLB 405	Patterson J	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	CLB 405		
	Lab --W----	07:00-08:50 PM	08/22/18-12/16/18	CLB 411		

KBOR Seamless Transfer

Automotive Technology

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80674 001 F2F	M-----	06:00-07:40 PM	08/20/18-12/16/18	ATB 183	Davis J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab --W----	06:00-08:40 PM	08/22/18-12/16/18	ATB 183		

SB 155 Excel in CTE

AUTO 125 - Introduction to Automotive Shop 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 and become proficient in tire, battery, cooling system, lubrication service and minor electrical diagnosis. Emphasis will be placed on learning basic skills needed to enter advanced automotive classes. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$300 to \$400

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80678 376 HYB	M-----	04:00-05:40 PM	08/20/18-12/16/18	ATB 129	Stow J	Closed
	Lab M-----	06:00-08:40 PM	08/20/18-12/16/18	ATB 190		
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

80683 377 HYB	---F--	08:00-09:40 AM	08/24/18-12/16/18	ATB 129	Jones M	Closed
	Lab ---F--	10:00-12:40 PM	08/24/18-12/16/18	ATB 190		
	-----	-	08/24/18-12/16/18	Online		

SB 155 Excel in CTE

80684 378 HYB	---F--	10:00-11:40 AM	08/24/18-12/16/18	ATB 129	Hale H	Closed
	Lab ---F--	01:00-03:40 PM	08/24/18-12/16/18	ATB 190		
	-----	-	08/24/18-12/16/18	Online		

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. 2 hrs. lecture 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$400

Prerequisite or corequisite: AUTO 125 Corequisite: AUTO 131

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80686 376 HYB	M-W----	08:00-08:50 AM	08/20/18-12/16/18	ATB 129	Jones M	Closed
	Lab --W----	09:00-11:40 AM	08/20/18-12/16/18	ATB 190		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
Note: Coerequisite to enroll in AUTO 131 (CRN 80692)						
80688 377 HYB	--W-F--	06:00-06:50 PM	08/22/18-12/16/18	ATB 129	Hensley E	Closed
	Lab --W----	07:00-09:40 PM	08/22/18-12/16/18	ATB 190		
	-----	-	08/22/18-12/16/18	Online		

SB 155 Excel in CTE

Note: Coerequisite to enroll in AUTO 131 (CRN 80698)

80689 378 HYB	M-W----	01:00-01:50 PM	08/20/18-12/16/18	ATB 131	Steffen D	Closed
	Lab M-----	02:00-04:40 PM	08/20/18-12/16/18	ATB 190		
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

Note: Coerequisite to enroll in AUTO 131 (CRN 80699)

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. 3 hrs. instruction lab/wk.

Credit Hours: 1

Associated Costs: \$0 to 400

Prerequisite or corequisite: AUTO 125 Corequisite: AUTO 129

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80692 001 F2F	Lab M-----	09:00-11:40 AM	08/20/18-12/16/18	ATB 190	Jones M	Closed
<i>SB 155 Excel in CTE</i>						
Note: Coerequisite to enroll in AUTO 129 (CRN 80686)						
80698 002 F2F	Lab ----F--	07:00-09:40 PM	08/24/18-12/16/18	ATB 190	Hensley E	Closed
<i>SB 155 Excel in CTE</i>						
Note: Coerequisite to enroll in AUTO 129 (CRN 80688)						
80699 003 F2F	Lab --W----	02:00-04:40 PM	08/22/18-12/16/18	ATB 190	Steffen D	Closed

SB 155 Excel in CTE

Note: Coerequisite to enroll in AUTO 129 (CRN 80689)

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. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to \$400

Prerequisite or corequisite: AUTO 125

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80705 376 HYB	M-----	01:00-02:40 PM	08/20/18-12/16/18	ATB 183	Ireland J	Closed
	-----	-	08/20/18-12/16/18	Online		
	Lab --W----	01:00-03:40 PM	08/22/18-12/16/18	ATB 182		
<i>SB 155 Excel in CTE</i>						
80706 377 HYB	M-----	09:00-10:40 AM	08/20/18-12/16/18	ATB 129	Ireland J	Closed
	-----	-	08/20/18-12/16/18	Online		
	Lab --W----	09:00-11:40 AM	08/22/18-12/16/18	ATB 182		
<i>SB 155 Excel in CTE</i>						
80707 378 HYB	Lab -T-----	06:00-08:40 PM	08/21/18-12/16/18	ATB 182	Fort R	Closed
	-----	-	08/21/18-12/16/18	Online		
	--R---	06:00-07:40 PM	08/23/18-12/16/18	ATB 129		
<i>SB 155 Excel in CTE</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. 2 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$0 to \$1500

Prerequisite or corequisite: AUTO 125 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80773 376 HYB	-T-R---	08:00-08:50 AM	08/21/18-12/16/18	ATB 183	Hall D	Closed
	Lab -T-R---	09:00-11:40 AM	08/21/18-12/16/18	ATB 185		
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
80774 377 HYB	M-W----	06:00-06:50 PM	08/20/18-12/16/18	ATB 131	Kolb S	Closed
	Lab M-W----	07:00-09:40 PM	08/20/18-12/16/18	ATB 185		
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						

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. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 161 and AUTO 165

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80775 376 HYB	M-----	06:00-07:40 PM	08/20/18-12/16/18	ATB 129	James J	Closed
	-----	-	08/20/18-12/16/18	Online		
Lab	--W----	06:00-08:40 PM	08/22/18-12/16/18	ATB 192		
<i>SB 155 Excel in CTE</i>						
80776 377 HYB	-T-----	12:00-01:40 PM	08/21/18-12/16/18	ATB 129	Jones M	Closed
	-----	-	08/21/18-12/16/18	Online		
Lab	---R---	12:00-02:40 PM	08/23/18-12/16/18	ATB 192		
<i>SB 155 Excel in CTE</i>						

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. 1 hr. lecture, 6 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisites: AUTO 165 and AUTO 166

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_208)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80777 376 HYB	-T-----	02:00-02:50 PM	08/21/18-12/16/18	ATB 129	James J	Closed
Lab	-T-R---	03:00-05:40 PM	08/21/18-12/16/18	ATB 190		
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
80778 377 HYB	-T-----	06:00-06:50 PM	08/21/18-12/16/18	ATB 129	James J	Closed
Lab	-T-----	07:00-09:50 PM	08/21/18-12/16/18	ATB 192		
	-----	-	08/21/18-12/16/18	Online		
Lab	---R---	06:00-08:50 PM	08/23/18-12/16/18	ATB 192		
<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. 3 hrs. lecture, 3 hrs. instructional lab

Credit Hours: 4

Associated Costs: \$0 to 400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80779 376 HYB	-T-----	08:30-11:10 AM	08/21/18-12/16/18	ATB 129	Ireland J	Closed
	-----	-	08/21/18-12/16/18	Online		
	Lab ---R---	08:30-11:10 AM	08/23/18-12/16/18	ATB 182		

SB 155 Excel in CTE

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. 2 hrs. lecture, 6 hrs. instructional lab

Credit Hours: 4

Associated Costs: \$0 to \$300

Prerequisite: AUTO 166 and AUTO 205

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80780 376 HYB	M-W----	06:00-06:50 PM	08/20/18-12/16/18	ATB 132	Eddy B	Closed
	Lab M-W----	07:00-09:40 PM	08/20/18-12/16/18	ATB 182		
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

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. 1 hr. lecture, 15 hrs. work min./wk

Credit Hours: 3

Prerequisite: Department approval required

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80781 500 INT	-----	-	08/20/18-12/16/18		James J	4 of 5

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. For additional information go to the [jccc.edu](http://www.jccc.edu) website: click on classes, click on credit class search, click the semester, course prefix is AVHO Health Occupations and click on CRN number. For more information: <http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>) .


Note: 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.

Credit Hours: 5

Associated Costs: \$20 to 110

Prerequisite: ENGL 121 (with a grade of "C" or higher) or an appropriate reading placement test score

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_102)


CRN	Days	Time	Date	Location	Instructor	Seats Open
82392 001 F2F	-T-R---	05:00-08:00 PM	08/21/18-12/11/18	 OHEC 233	Brune M	Closed

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SB 155 Excel in CTE

NOTE: Registration for this source will not begin until 8:00 a.m. on Friday, April 27. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)before April 27th, 2018. 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.

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.


82404 005 F2F	--WR---	08:30-03:30 PM	08/22/18-10/11/18	 OHEC 235	Horst K	Closed
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SB 155 Excel in CTE

Accelerating Opportunity KS

NOTE: Registration for this source will not begin until 8:00 a.m. on Friday, April 27. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)before April 27th, 2018. 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.

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.


82428 006 F2F	--WR---	08:30-03:30 PM	10/17/18-12/13/18	 OHEC 235	Horst K	Closed
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SB 155 Excel in CTE

Accelerating Opportunity KS

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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.


82429 007 F2F	M-W----	04:30-07:30 PM	08/20/18-12/12/18	 OHEC 241	Kuria J	Closed
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SB 155 Excel in CTE

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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.


83050 117 F2F	M-W----	05:00-09:00 PM	08/20/18-11/12/18	 OHEC 231	Bond K	Closed
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Accelerating Opportunity KS

SB 155 Excel in CTE

NOTE: Registration for this source will not begin until 8:00 a.m. on Friday, April 27. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)before April 27th, 2018. 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.

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.

83065 118 F2F	-T-R---	04:30-07:30 PM	08/21/18-12/13/18	 OHEC 231	Kuria J	Closed
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SB 155 Excel in CTE

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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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
82430 376 HYB	----S-	08:00-03:00 PM	08/25/18-10/13/18	OHEC 233	Plumberg J	Closed
	-----	-	08/25/18-10/13/18	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

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82432 378 HYB	--W----	08:30-03:30 PM	08/22/18-10/10/18	OHEC 231	Kobularcik L	Closed
	-----	-	08/22/18-10/10/18	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

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82433 379 HYB	--W----	08:30-03:00 PM	10/17/18-12/12/18	OHEC 231	Kobularcik L	Closed
	-----	-	10/17/18-12/12/18	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

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82434 380 HYB	M-----	08:00-03:00 PM	08/20/18-10/15/18	OHEC 231	Talbert K	Closed
	-----	-	08/20/18-10/15/18	Online		

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Mandatory Classroom Meetings

SB 155 Excel in CTE

NOTE: Registration for this source will not begin until 8:00 a.m. on Friday, April 27. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)before April 27th, 2018. 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. 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.

82435 381 HYB	M-----	08:00-03:00 PM	10/22/18-12/10/18	OHEC 231	Talbert K	Closed
	-----	-	10/22/18-12/10/18	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

NOTE: Registration for this source will not begin until 8:00 a.m. on Friday, April 27. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>)before April 27th, 2018. 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. 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.

82441 383 HYB	--W----	08:00-03:00 PM	08/22/18-10/10/18	OHEC 241	Reischman C	Closed
	-----	-	08/22/18-10/10/18	Online		

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SB 155 Excel in CTE

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82442 384 HYB	--W----	08:00-03:00 PM	10/17/18-12/12/18	OHEC 241	Reischman C	Closed
	-----	-	10/17/18-12/12/18	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

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82582 389 HYB	-T-----	06:00-09:00 PM	08/28/18-12/11/18	OHEC 241	Young D	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/28/18-12/16/18	Online		

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SB 155 Excel in CTE

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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.



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. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html> (<http://www.jccc.edu/academics/health/nursing-related-occupations/tab-credit.html>) .

Credit Hours: 1

Prerequisite: Kansas CNA Certification

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82445 009 F2F	---RFS-	09:00-04:25 PM	09/27/18-09/29/18	 OHEC 231	Waechter J	Closed
82446 110 F2F	---RFS-	09:00-04:25 PM	10/25/18-10/27/18	 OHEC 231	Waechter J	Closed

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

Requirements: 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. Prerequisite: An appropriate reading placement test score

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82444 008 F2F	-T-R---	08:30-12:30 PM	08/21/18-11/08/18	 OHEC 233	Pfeffer L	Closed

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AVHO 106 - Home Health Aide (HHA)


This course provides the student with information necessary for nutritional meal planning, task modification, emotional support and personal service to clients and families needing healthcare assistance at home. Students will be scheduled to take the Kansas HHA certification examination. 21 contact hrs. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information.

Credit Hours: 1

Associated Costs: \$20 to 55

Requirements: 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. Prerequisite: An appropriate reading placement test score

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82593 116 F2F	----S-	09:00-04:30 PM	11/03/18-11/17/18	 OHEC 241	Wiley K	Closed

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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.

Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80010 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Markley L	Closed
80011 351 ONLINE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80012 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CLB 316	Finch D	Closed
	Lab ----F--	09:00-10:50 AM	08/24/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80013 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 316	Loring D	Closed
	Lab -T-----	09:00-10:50 AM	08/21/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80014 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 314	Vickers J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab -T-----	09:30-11:20 AM	08/21/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80015 004 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 316	Loring D	Closed
	Lab ----F--	11:00-12:50 PM	08/24/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80016 005 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 314	Vickers J	Closed
	Lab -T-----	12:00-01:50 PM	08/21/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80017 006 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 314	Vickers J	Closed
	Lab ---R---	09:30-11:20 AM	08/23/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80018 007 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 316	Decelles P	Closed
	Lab --W----	01:00-02:50 PM	08/22/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80019 008 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 314	Decelles P	Closed
	Lab ---R---	12:00-01:50 PM	08/23/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80020 009 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 316	Daggett M	Closed
	Lab --W----	02:00-03:50 PM	08/22/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80021 010 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 314	Decelles P	Closed
	Lab ---R---	02:00-03:50 PM	08/23/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80022 011 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 316	Weigand K	Closed
	Lab -T-----	01:00-02:50 PM	08/21/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80023 012 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 316	Loring D	Closed
	Lab ---R---	09:00-10:50 AM	08/23/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80025 014 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 316	Wu X	Closed
	Lab --W----	11:00-12:50 PM	08/22/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80026 050 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CLB 314	Gargesh R	Closed
	Lab --W----	06:00-07:50 PM	08/22/18-12/16/18	SCI 203		
<i>KBOR Seamless Transfer</i>						
80027 051 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CLB 314	Daggett M	Closed
	Lab ---R---	06:00-07:50 PM	08/23/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
80028 380 HYB	-----	-	08/20/18-12/16/18	Online	Decelles P	Closed
	Lab -T-----	03:00-04:50 PM	08/21/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
80029 381 HYB	-----	-	08/20/18-12/16/18	Online	Finch D	Closed
	Lab -T-----	06:00-07:50 PM	08/21/18-12/16/18	SCI 207		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
80030 382 HYB	-----	-	09/04/18-12/16/18	Online	Stawinski S	Closed
	Lab -----S-	01:00-04:50 PM	09/08/18-09/08/18	SCI 207		
	Lab -----S-	01:00-02:50 PM	09/15/18-12/16/18	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
Note: Late start course						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80031 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Gargesh R	Closed
80032 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Gargesh R	Closed
83271 365 ONLNE	-----	-	12/12/18-01/09/19	Online	Gargesh R	Closed

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. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80033 050 F2F	M-W----	06:00-09:20 PM	08/20/18-12/16/18	CLB 407	Finch D	Closed

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. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80035 002 F2F	-T-R---	12:30-03:50 PM	08/21/18-12/16/18	CLB 407	Witters L	Closed

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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80037 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GP 101	Layne R	Closed
80038 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GP 101	Layne R	Closed
80039 003 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GP 101	Giambrone S	Closed
80040 004 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GP 101	Giambrone S	Closed
80041 005 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GP 102	Brink M	Closed
80042 006 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GP 102	Brink M	Closed
80046 007 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GP 101	Finley C	Closed
80043 008 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GP 101	Menzel J	Closed
80044 009 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GP 101	Menzel J	Closed
80045 010 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GP 102	Menzel J	Closed
82385 011 F2F	--W----	04:30-06:50 PM	08/22/18-12/16/18	GEB 238	Oden J	Closed

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

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 BIOL 130 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

80047 090 F2F	M-W----	04:00-05:15 PM	09/10/18-12/16/18	GP 102	Lockard J	Closed
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Note: Late start course

80048 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Witters L	Closed
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Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.

80049 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Witters L	Closed
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Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.

80050 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Powell S	Closed
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Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.

80051 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Williams D	Closed
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Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.

83269 365 ONLNE	-----	-	12/12/18-01/09/19	Online	Follo J	Closed
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KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
83270 366 ONLINE	-----	-	12/12/18-01/09/19	Online	Oden J	Closed

KBOR Seamless Transfer

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.

Note: BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years.

Credit Hours: 1

Prerequisite or corequisite: BIOL 130

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80052 001 F2F	Lab M-----	11:00-12:50 PM	08/20/18-12/16/18	CLB 303	Lockard J	Closed
80053 002 F2F	Lab -T-----	09:30-11:20 AM	08/21/18-12/16/18	CLB 303	Finley C	Closed
80054 003 F2F	Lab --W----	02:00-03:50 PM	08/22/18-12/16/18	CLB 303	Ferrero S	Closed
80055 004 F2F	Lab ---R---	11:00-12:50 PM	08/23/18-12/16/18	CLB 303	Layne R	Closed
80056 005 F2F	Lab --W----	12:00-01:50 PM	08/22/18-12/16/18	CLB 303	Ferrero S	Closed
82386 050 F2F	Lab -T-----	06:00-07:50 PM	08/21/18-12/16/18	CLB 303	Oden J	Closed

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

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 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.

80057 350 ONLINE	Lab -----	-	08/20/18-12/16/18	Online	Oden J	Closed
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Note: All assignments and exams are submitted online, which requires students have access to a computer with internet connection. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There is a weekly lab, with some labs requiring students visit local areas to assess flora and fauna.

80058 351 ONLINE	Lab -----	-	08/20/18-12/16/18	Online	Oden J	Closed
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Note: All assignments and exams are submitted online, which requires students have access to a computer with internet connection. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There is a weekly lab, with some labs requiring students visit local areas to assess flora and fauna.

80059 352 ONLINE	Lab -----	-	08/20/18-12/16/18	Online	Oden J	Closed
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Note: All assignments and exams are submitted online, which requires students have access to a computer with internet connection. Students do not need to purchase the lab manual. A digital camera and the ability to upload photos to the online learning management system is a requirement. There is a weekly lab, with some labs requiring students visit local areas to assess flora and fauna.

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. 3 hrs lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80060 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Mulcahy E	Closed

Note: Assignments are online. Tests will be taken in the JCCC testing center or an approved test site.

80061 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Mulcahy E	Closed
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Note: Assignments are online. Tests will be taken in the JCCC testing center or an approved test site.

83265 365 ONLNE	-----	-	12/12/18-01/09/19	Online	Mulcahy E	Closed
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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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80062 380 HYB	-----	-	08/20/18-12/16/18	Online	Criner K	Closed
	--W----	05:30-07:30 PM	08/22/18-12/16/18	SCI 118		

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80063 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	RC 370	El Mellouki T	Closed
	Lab --W----	09:00-10:50 AM	08/22/18-12/16/18	RC 345		

KBOR Seamless Transfer

80064 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	RC 370	Arico J	Closed
	Lab M-----	10:00-11:50 AM	08/20/18-12/16/18	RC 345		

KBOR Seamless Transfer

80065 003 F2F	Lab M-----	08:00-09:50 AM	08/20/18-12/16/18	RC 345	Mozingo L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	RC 370		
<i>KBOR Seamless Transfer</i>						
80066 004 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	RC 370	Giambrone S	Closed
	Lab M-----	02:00-03:50 PM	08/20/18-12/16/18	RC 345		
<i>KBOR Seamless Transfer</i>						
80067 005 F2F	Lab -T-----	09:00-10:50 AM	08/21/18-12/16/18	RC 345	Mozingo L	Closed
		-T-R---	11:00-12:15 PM	08/21/18-12/16/18		
<i>KBOR Seamless Transfer</i>						
80068 006 F2F		-T-R---	12:30-01:45 PM	08/21/18-12/16/18	Giambrone S	Closed
	Lab ---R---	02:00-03:50 PM	08/23/18-12/16/18	RC 345		
<i>KBOR Seamless Transfer</i>						
80069 050 F2F	M-----	06:00-07:50 PM	08/20/18-12/16/18	RC 370	Arico J	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	RC 370		
	Lab --W----	07:00-08:50 PM	08/22/18-12/16/18	RC 345		
<i>KBOR Seamless Transfer</i>						
80070 380 HYB	Lab M-----	04:00-05:50 PM	08/20/18-12/16/18	RC 345	Harmon M	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
Note: Lab meetings are mandatory. The lecture for this section will be conducted online, and unit quizzes and assignments will be accessed online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation and purchase online access materials.						
80071 381 HYB	-----	-	08/20/18-12/16/18	Online	Harmon M	Closed
	Lab ---F--	09:00-12:50 PM	08/24/18-08/24/18	RC 345		
	Lab ---F--	09:00-12:50 PM	09/07/18-09/07/18	RC 345		
	Lab ---F--	09:00-12:50 PM	09/21/18-09/21/18	RC 345		
	Lab ---F--	09:00-12:50 PM	10/05/18-10/05/18	RC 345		
	Lab ---F--	09:00-12:50 PM	10/19/18-10/19/18	RC 345		
	Lab ---F--	09:00-12:50 PM	11/02/18-11/02/18	RC 345		
	Lab ---F--	09:00-12:50 PM	11/16/18-11/16/18	RC 345		
	Lab ---F--	09:00-12:50 PM	12/07/18-12/07/18	RC 345		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: Lab meetings are mandatory. The lecture for this section will be conducted online, and unit quizzes and assignments will be accessed online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation and purchase online access materials.

BIOL 140 - Human Anatomy

Students will study gross and microscopic aspects of cells, tissues and organ systems of the human body. They will concentrate on a detailed analysis of the structure of each body system. Integrated lecture and lab, 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80143 001 F2F	M-W-F--	08:00-09:50 AM	08/20/18-12/16/18	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
80144 002 F2F	M-W-F--	10:00-11:50 AM	08/20/18-12/16/18	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
80145 003 F2F	M-W-F--	01:00-02:50 PM	08/20/18-12/16/18	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
80147 005 F2F	M-W----	10:00-12:45 PM	08/20/18-12/16/18	CLB 309	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
80148 006 F2F	M-W----	01:00-03:45 PM	08/20/18-12/16/18	CLB 309	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
80149 007 F2F	-T-R---	09:30-12:15 PM	08/21/18-12/16/18	CLB 313	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
80150 008 F2F	-T-R---	11:00-01:45 PM	08/21/18-12/16/18	CLB 309	Blodig J	Closed
<i>KBOR Seamless Transfer</i>						
80151 009 F2F	-T-R---	12:30-03:15 PM	08/21/18-12/16/18	CLB 313	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
80152 010 F2F	-T-R---	02:00-04:45 PM	08/21/18-12/16/18	CLB 309	Sherry R	Closed
<i>KBOR Seamless Transfer</i>						
80153 050 F2F	-T-R---	06:00-08:45 PM	08/21/18-12/16/18	CLB 309	Sherry R	Closed
<i>KBOR Seamless Transfer</i>						
80154 090 F2F	-T-R---	07:30-10:29 AM	09/04/18-12/16/18	CLB 309	Brown S	Closed
<i>KBOR Seamless Transfer</i>						
Note: Late Start Course						
80155 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Blodig J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						
80156 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Blodig J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						
80157 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Blodig J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						
80158 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Lasley L	Closed
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						
80159 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Lasley L	Closed
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81892 355 ONLINE	-----	-	08/20/18-12/16/18	Online	Brown S	Closed

KBOR Seamless Transfer

Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.




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. This course is integrated lecture and laboratory. 7 hrs. integrated lecture/lab/wk. The Open Anatomy Lab, 311 CLB, is available for students enrolled in Human Anatomy and Human Anatomy and Physiology classes at JCCC. Contact your professor, check the schedule outside of 311 CLB or call 913-469-8500, ext. 4124, for hours. A current student ID is required for using the Open Anatomy Lab.

Credit Hours: 5

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80160 001 F2F	M-W-F--	07:00-09:20 AM	08/20/18-12/16/18	SCI 103	Clark M	Closed
<i>KBOR Seamless Transfer</i>						
80161 002 F2F	M-W-F--	09:30-11:50 AM	08/20/18-12/16/18	SCI 103	Wright G	Closed
<i>KBOR Seamless Transfer</i>						
80162 003 F2F	M-W----	01:30-04:50 PM	08/20/18-12/16/18	SCI 103	Chorn J	Closed
<i>KBOR Seamless Transfer</i>						
80163 004 F2F	-T-R---	07:30-10:50 AM	08/21/18-12/16/18	SCI 103	Chorn J	Closed
<i>KBOR Seamless Transfer</i>						
80164 005 F2F	-T-R---	11:00-02:20 PM	08/21/18-12/16/18	SCI 103	Baumgardner B	Closed
<i>KBOR Seamless Transfer</i>						
80165 006 F2F	-T-R---	02:30-05:50 PM	08/21/18-12/16/18	SCI 103	Cobb A	Closed
<i>KBOR Seamless Transfer</i>						
80166 050 F2F	M-W----	06:00-09:20 PM	08/20/18-12/16/18	SCI 103	Chorn J	Closed
<i>KBOR Seamless Transfer</i>						
80167 051 F2F	-T-R---	06:00-09:20 PM	08/21/18-12/16/18	CLB 313	Watkins L	Closed
<i>KBOR Seamless Transfer</i>						
80168 200 F2F	M-W----	01:00-04:20 PM	08/20/18-12/16/18	 OHEC 107	Schulstrom C	Closed
<i>KBOR Seamless Transfer</i>						
80169 201 F2F	-T-R---	08:00-11:20 AM	08/21/18-12/16/18	 OHEC 107	Wright G	Closed
<i>KBOR Seamless Transfer</i>						
80170 202 F2F	-T-R---	12:00-03:20 PM	08/21/18-12/16/18	 OHEC 107	Braasch C	Closed
<i>KBOR Seamless Transfer</i>						
80172 380 HYB	-----	-	08/20/18-12/16/18	Online	Baumgardner B	Closed
	-T-----	06:00-09:50 PM	08/28/18-08/28/18	SCI 103		
	-T-----	06:00-09:50 PM	09/11/18-09/11/18	SCI 103		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-09:50 PM	09/25/18-09/25/18	SCI 103		
	-T-----	06:00-09:50 PM	10/09/18-10/09/18	SCI 103		
	-T-----	06:00-09:50 PM	10/23/18-10/23/18	SCI 103		
	-T-----	06:00-09:50 PM	11/06/18-11/06/18	SCI 103		
	-T-----	06:00-09:50 PM	11/20/18-11/20/18	SCI 103		
	-T-----	06:00-09:50 PM	12/04/18-12/04/18	SCI 103		

Mandatory Classroom Meetings
KBOR Seamless Transfer

80173 381 HYB	-----	-	08/20/18-12/16/18	Online	Rupp P	Closed
	---R---	06:00-09:50 PM	08/23/18-08/23/18	SCI 103		
	---R---	06:00-09:50 PM	09/06/18-09/06/18	SCI 103		
	---R---	06:00-09:50 PM	09/20/18-09/20/18	SCI 103		
	---R---	06:00-09:50 PM	10/04/18-10/04/18	SCI 103		
	---R---	06:00-09:50 PM	10/18/18-10/18/18	SCI 103		
	---R---	06:00-09:50 PM	11/01/18-11/01/18	SCI 103		
	---R---	06:00-09:50 PM	11/15/18-11/15/18	SCI 103		
	---R---	06:00-09:50 PM	12/06/18-12/06/18	SCI 103		

Mandatory Classroom Meetings
KBOR Seamless Transfer

80174 382 HYB	-----	-	08/20/18-12/16/18	Online	Rupp P	Closed
	---R---	06:00-09:50 PM	08/30/18-08/30/18	SCI 103		
	---R---	06:00-09:50 PM	09/13/18-09/13/18	SCI 103		
	---R---	06:00-09:50 PM	09/27/18-09/27/18	SCI 103		
	---R---	06:00-09:50 PM	10/11/18-10/11/18	SCI 103		
	---R---	06:00-09:50 PM	10/25/18-10/25/18	SCI 103		
	---R---	06:00-09:50 PM	11/08/18-11/08/18	SCI 103		
	---R---	06:00-09:50 PM	11/29/18-11/29/18	SCI 103		
	---R---	06:00-09:50 PM	12/13/18-12/13/18	SCI 103		

KBOR Seamless Transfer
Mandatory Classroom Meetings

80175 383 HYB	-T-----	06:00-09:50 PM	09/04/18-09/04/18	SCI 103	Baumgardner B	Closed
	-----	-	09/04/18-12/16/18	Online		
	-T-----	06:00-09:50 PM	09/18/18-09/18/18	SCI 103		
	-T-----	06:00-09:50 PM	10/02/18-10/02/18	SCI 103		
	-T-----	06:00-09:50 PM	10/16/18-10/16/18	SCI 103		
	-T-----	06:00-09:50 PM	10/30/18-10/30/18	SCI 103		
	-T-----	06:00-09:50 PM	11/13/18-11/13/18	SCI 103		
	-T-----	06:00-09:50 PM	11/27/18-11/27/18	SCI 103		
	-T-----	06:00-09:50 PM	12/11/18-12/11/18	SCI 103		

KBOR Seamless Transfer
Mandatory Classroom Meetings
Note: Late Start Course

BIOL 145 - Human Anatomy and Physiology Dissection

Students will dissect the cat and study the relationship of structures to function in the organ systems of the cat. In this laboratory course, they will also dissect the cow kidney, heart, brain and eye. Students will compare and contrast these structures and functions with the organ systems of the human body. 2 hrs. lab/wk. Students enrolling in BIOL 145 should have completed BIOL 140 or BIOL 144 and have the approval of the assistant dean.

Credit Hours: 1

Associated Costs: \$35

Prerequisites: BIOL 144 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80176 001 F2F	Lab -T-----	09:00-10:50 AM	08/21/18-12/16/18	CLB 407	Witters L	Closed

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. 7 hrs. integrated lecture/lab/wk.

Credit Hours: 5

Associated Costs: \$15

Prerequisites: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>) and (BIOL 125 or BIOL 127 or BIOL 135) or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80177 001 F2F	M-W----	12:00-03:20 PM	08/20/18-12/16/18	CLB 407	Witters L	Closed

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. 3 hrs. lecture/wk. BIOL 155 and PHIL 155 are the same courses; only enroll in one.

Note: BIOL 155 and PHIL 155 are the same course, do not enroll in both.

Credit Hours: 3

Prerequisite: BIOL 121 or high school biology with department approval

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80178 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Williams D	Closed

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. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite: BIOL 135 with a grade of "C" or higher or the equivalent introductory college-level course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80179 001 F2F	M-W----	11:00-12:15 PM	08/20/18-12/16/18	RC 370	Mozingo L	Closed
	Lab --W----	12:30-03:15 PM	08/22/18-12/16/18	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: BIOL 140 or BIOL 144 and Prerequisites or corequisites: CHEM 122 or (CHEM 124 and CHEM 125)

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80180 001 F2F	M-W-F--	10:00-11:50 AM	08/20/18-12/16/18	SCI 111	Thurlby K	Closed
<i>KBOR Seamless Transfer</i>						
80181 002 F2F	M-W-F--	12:00-01:50 PM	08/20/18-12/16/18	SCI 111	Wright G	Closed
<i>KBOR Seamless Transfer</i>						
80183 004 F2F	-T-R---	08:00-10:45 AM	08/21/18-12/16/18	SCI 111	Sullivan C	Closed
<i>KBOR Seamless Transfer</i>						
80184 005 F2F	-T-R---	02:00-04:50 PM	08/21/18-12/16/18	SCI 111	Sullivan C	Closed
<i>KBOR Seamless Transfer</i>						
80185 050 F2F	M-W----	06:00-08:45 PM	08/20/18-12/16/18	SCI 111	Bishop D	Closed
<i>KBOR Seamless Transfer</i>						
80186 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Sullivan C	Closed
<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.						
80187 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Sullivan C	Closed
<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.						
80188 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Thurlby K	Closed
<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.						
80189 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Thurlby K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

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. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: BIOL 144 or BIOL 225

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80190 001 F2F	M-W----	02:00-03:50 PM	08/20/18-12/16/18	GEB 217	Menon Parker J	Closed

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.

80191 002 F2F	-T-R---	11:00-12:50 PM	08/21/18-12/16/18	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.

80192 003 F2F	-T-R---	02:00-03:50 PM	08/21/18-12/16/18	SCI 122	Salah S	Closed
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80193 350 ONLNE	-----	-	08/20/18-12/16/18	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.

80194 351 ONLNE	-----	-	08/20/18-12/16/18	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.

80195 352 ONLNE	-----	-	08/20/18-12/16/18	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.

80196 353 ONLNE	-----	-	08/20/18-12/16/18	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.

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. 3 hrs./wk.

Note: Students taking classes toward a Biotechnology Degree should be taking BIOT 230 Microbiology for Biotechnology, instead of BIOL 230 Microbiology or BIOL 231 Microbiology Lab.

Credit Hours: 3

Prerequisite: CHEM 122 or CHEM 124 and CHEM 125 or one year of high school chemistry

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80197 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	SCI 116	Cunningham J	Closed
80198 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	SCI 116	Cunningham J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80199 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	SCI 116	Cunningham J	Closed
80201 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	SCI 116	Seitz H	Closed
80202 006 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	SCI 116	Weigand K	Closed
80203 050 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	SCI 116	El Mellouki T	Closed
80204 051 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	SCI 116	Wu X	Closed
80205 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Seitz H	Closed

Note: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.

80206 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Seitz H	Closed
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Note: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.

80207 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Weigand K	Closed
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Note: Exams will be taken at the JCCC Testing Center or an approved test site. Students are required to complete online orientation.

80208 353 ONLNE	-----	-	09/04/18-12/16/18	Online	Mulcahy E	Closed
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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.

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. 4 hrs. lab/wk.

Note: Students taking classes toward a Biotechnology Degree should be taking BIOT 230 Microbiology for Biotechnology, instead of BIOL 230 Microbiology or BIOL 231 Microbiology Lab.

Credit Hours: 2

Associated Costs: \$35

Prerequisite: BIOL 231 students must be currently enrolled in BIOL 230 or have successfully completed BIOL 230 within the last three years.

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80209 001 F2F	Lab M-W----	08:00-09:50 AM	08/20/18-12/16/18	SCI 113	Beaty M	Closed
80210 002 F2F	Lab M-W----	10:00-11:50 AM	08/20/18-12/16/18	SCI 113	Beaty M	Closed
80211 003 F2F	Lab M-W----	12:00-01:50 PM	08/20/18-12/16/18	SCI 113	Beaty M	Closed
81891 004 F2F	Lab M-W----	02:00-03:50 PM	08/20/18-12/16/18	SCI 113	El Mellouki T	Closed
80212 005 F2F	Lab -T-R---	10:00-11:50 AM	08/21/18-12/16/18	SCI 113	Cunningham J	Closed
80213 006 F2F	Lab -T-R---	12:00-01:50 PM	08/21/18-12/16/18	SCI 113	Seitz H	Closed
80214 007 F2F	Lab -T-R---	02:00-03:50 PM	08/21/18-12/16/18	SCI 113	El Mellouki T	Closed
80215 008 F2F	Lab -----S-	09:00-01:00 PM	08/25/18-12/16/18	SCI 113	Ducote M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80216 050 F2F	Lab M-W----	07:30-09:20 PM	08/20/18-12/16/18	SCI 113	El Mellouki T	Closed
80217 051 F2F	Lab -T-R---	07:30-09:20 PM	08/21/18-12/16/18	SCI 113	Wu X	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: [CHEM 122 or (CHEM 124 and CHEM 125)] AND [BIOL 144 or (BIOL 140 and Prerequisite or Corequisite: BIOL 225)]

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80218 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 124	Able B	Closed
<i>KBOR Seamless Transfer</i>						
80220 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
80221 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
80222 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
80223 353 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk. Spring.

Credit Hours: 3

Prerequisite: BIOL 225

Outline (http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80224 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Clark M	Closed

Note: Students will be required to take course tests in the JCCC Testing Center or at an approved testing site.

Biotechnology

BIOT 160 - Introduction to Biotechnology

This course is an introduction to biotechnology, including career exploration, history and applications of DNA/RNA technology, molecular biology, and bioethics. Topics include cloning, DNA, antibodies, gene therapy, plant biotechnology, the human genome project, DNA fingerprinting, genetic testing, diverse products made through biotechnology, and the ethical implications of this technology. The course is intended for those interested in pursuing a career in an industrial, academic, or biomedical research laboratory. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: CHEM 122 or (CHEM 124 and CHEM 125) and Prerequisite or corequisite: BIOL 135 (All prerequisites require a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/biot/#BIOT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80225 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Harmon M	Closed

SB 155 Excel in CTE

BIOT 165 - Laboratory Safety

This course will emphasize laboratory safety and procedures. Additionally, regulations that govern the biotechnology laboratory will be discussed. Biological, chemical and radiation safety will all be handled through lectures, videotapes, demonstrations and field trips. There will also be exposure to good manufacturing practices (GMP), quality assurance and control procedures (QA/QC), and OSHA and FDA regulations. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CHEM 122 or (CHEM 124 and CHEM 125) and Prerequisite or corequisite: BIOL 135 (All prerequisites require a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/biot/#BIOT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80226 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Harmon M	Closed

SB 155 Excel in CTE

Note: This course has all materials provided online.

BIOT 265 - Biotechnology Internship

The internship will provide advanced students the opportunity to develop job and career-related skills while in a work setting. Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The work will be developed cooperatively with academic, industrial and private institutional biotechnology laboratories. 20 hrs./wk.

Credit Hours: 4

Prerequisites: BIOT 260 and BIOT 160 and BIOT 165 and department approval (All prerequisites require a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/biot/#BIOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83048 501 INT	-----	-	08/20/18-12/16/18		Harmon M	10 of 10

SB 155 Excel in CTE

Requirement: Department approval

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81105 001 F2F	-T-----	06:00-08:40 PM	08/21/18-09/18/18	GEB 351B	Tatum D	Closed
81107 002 F2F	-T-----	06:00-08:40 PM	10/30/18-11/27/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80782 001 F2F	M-W----	09:30-10:45 AM	08/20/18-12/16/18	GEB 351B	Leiker C	Closed
81104 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 353A	Horne S	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. 3 hrs./wk.

Credit Hours: 3

Associated Costs: \$5 to \$10

Prerequisite: BOT 101 or waiver exam

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80784 001 F2F	M-W----	11:00-12:15 PM	08/20/18-12/16/18	GEB 351B	Leiker C	Closed
81110 960 F2F	--W----	06:00-08:50 PM	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80785 001 F2F	M-W----	01:00-02:15 PM	08/20/18-12/16/18	GEB 351B	Leiker C	Closed
<i>SB 155 Excel in CTE</i>						
80803 002 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 351B	Berg J	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80795 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 351B	Wessel C	Closed
<i>SB 155 Excel in CTE</i>						
83064 960 F2F	-----	-	08/20/18-12/16/18		Wessel C	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs/wk.

Credit Hours: 3

Associated Costs: \$5 to \$10

Prerequisite: BOT 106 or CPCA 114 or CPCA 128 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80783 960 F2F	-T-R---	09:30-10:45 AM	08/20/18-12/16/18	GEB 351B	Leiker C	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to \$20

Prerequisite: HC 130

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81103 960 F2F	---R---	06:00-08:50 PM	08/20/18-12/16/18	GEB 351B	Wessel C	Closed

SB 155 Excel in CTE

BOT 205 - Workplace Professionalism

In this course students will develop and identify behaviors, values and methods that promote professionalism in the workplace. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$5 to \$10

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81106 001 F2F	-T-----	06:00-08:40 PM	09/25/18-10/23/18	GEB 353A	Johnstone B	Closed
82922 002 F2F	-T-----	06:00-08:40 PM	10/30/18-11/27/18	GEB 353A	Johnstone B	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to \$20

Prerequisite: CPCA 128

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81112 960 F2F	---R---	06:00-08:50 PM	08/20/18-12/16/18	GEB 353A	Johnstone B	Closed

BOT 275 - Office Internship

This course provides the student an opportunity to apply his/her knowledge, skills and abilities acquired in the AAS Administrative Assistant program to an appropriate work environment. The internship will require a minimum of 120 hours of workplace training.

Credit Hours: 1

Prerequisite or Corequisite: BOT 265

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81113 500 INT	M-----	05:00-05:50 PM	08/20/18-08/20/18	GEB 353A	Leiker C	10 of 12
	-----	-	08/20/18-12/16/18			

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

Mandatory Classroom Meetings

Note: There is a one-hour mandatory meeting time for this course on Monday, August 20th, from 5-5:50pm in GEB 353A.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80121 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 258	Syracuse F	Closed

KBOR Seamless Transfer

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80122 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 258	Syracuse F	Closed
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KBOR Seamless Transfer

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80123 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 258	Homer E	Closed
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SB 155 Excel in CTE

KBOR Seamless Transfer

80124 004 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 258	Begley J	Closed
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KBOR Seamless Transfer

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80125 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 379	Gallagher K	Closed
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KBOR Seamless Transfer

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80126 006 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 256	Nikravan S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
80127 007 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 120	Nikravan S	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
80128 008 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 256	Rasmussen L	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
80638 010 F2F	-T-----	06:00-09:00 PM	09/11/18-12/16/18	 DSH 206	Rasmussen L	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
80131 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Haverty M	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80132 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Noel M	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80133 352 ONLNE	-----	-	08/20/18-10/14/18	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80134 353 ONLNE	-----	-	08/20/18-10/14/18	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80135 354 ONLNE	-----	-	10/15/18-12/09/18	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80136 355 ONLNE	-----	-	10/15/18-12/09/18	Online	Gaines K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80137 356 ONLINE	-----	-	10/15/18-12/09/18	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
83163 357 ONLINE	-----	-	10/15/18-12/09/18	Online	Haverty M	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
83295 358 ONLINE	-----	-	12/12/18-01/09/19	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
<i>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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80138 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 379	Ferguson G	Closed
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80139 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 379	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
80140 003 F2F	-T-R---	08:00-10:50 AM	10/16/18-12/09/18	SCI 118	Horner E	Closed
<i>KBOR Seamless Transfer</i>						
80141 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Lundeen S	Closed
<i>KBOR Seamless Transfer</i>						
80142 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80316 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Noel M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80317 353 ONLNE	-----	-	08/20/18-10/14/18	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
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. Students are highly encouraged to take this course in tandem with CRN: 80392 - Savings and Investments. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80320 356 ONLNE	-----	-	10/15/18-12/09/18	Online	Begley J	Closed
<i>KBOR Seamless Transfer</i>						
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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
80321 357 ONLNE	-----	-	10/15/18-12/09/18	Online	Noel M	Closed
<i>KBOR Seamless Transfer</i>						
83164 358 ONLNE	-----	-	10/15/18-12/09/18	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
83296 359 ONLNE	-----	-	12/12/18-01/09/19	Online	Begley J	Closed
<i>KBOR Seamless Transfer</i>						
80322 376 HYB	--W----	04:00-06:00 PM	10/15/18-12/09/18	OCB 246	Hussein S	Closed
	-----	-	10/15/18-12/09/18	Online		

KBOR Seamless Transfer

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. Note: This Hybrid course combines a reduced amount of scheduled classroom time with required out-of-class learning activities, typically conducted online. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80323 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
80324 351 ONLNE	-----	-	08/20/18-10/14/18	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
Students are highly encouraged to take this course in tandem with CRN: 80339 - Principles of Management.						
80326 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
83297 354 ONLNE	-----	-	12/12/18-01/09/19	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80327 001 F2F	-T-R--	12:30-01:45 PM	08/21/18-12/16/18	GEB 258	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
80330 002 F2F	-T-R--	11:00-12:15 PM	08/21/18-12/16/18	GEB 258	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
80328 003 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 258	Ferguson G	Closed
<i>SB 155 Excel in CTE</i>						
80333 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
80337 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
80339 352 ONLNE	-----	-	10/15/18-12/09/18	Online	Ferguson G	Closed
<i>SB 155 Excel in CTE</i>						

Students are highly encouraged to take this course in tandem with CRN: 80324 - Principles of Supervision.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80343 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Kolich R	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80382 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 379	Anderson K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80384 003 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 258	Anderson K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80385 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Gaines K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80386 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Gaines K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80387 352 ONLINE	-----	-	08/20/18-10/14/18	Online	Hughey K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80388 353 ONLINE	-----	-	10/15/18-12/09/18	Online	Hughey K	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80389 354 ONLINE	-----	-	10/15/18-12/09/18	Online	Haverty M	Closed
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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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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80391 350 ONLINE	-----	-	08/20/18-10/14/18	Online	Smith J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80392	351	ONLNE	-----	-	10/15/18-12/09/18	Online	Begley J	Closed
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SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required. Students are highly encouraged to take this course in tandem with CRN: 80317 - Personal Finance.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open		
80393	001	F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 258	Syracuse F	Closed

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80394	002	F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 379	Syracuse F	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80396	003	F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	GEB 258	Syracuse F	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80397	004	F2F	-T-R---	11:00-01:50 PM	10/15/18-12/09/18	SCI 118	Hughey K	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80398	350	ONLNE	-----	-	08/20/18-12/16/18	Online	Smith J	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80399	351	ONLNE	-----	-	08/20/18-12/16/18	Online	Smith J	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80400	352	ONLNE	-----	-	08/20/18-10/14/18	Online	Korb J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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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. Students are highly encouraged to take this course in tandem with CRN: 80405 - Human Resource Management. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80402 354 ONLNE	-----	-	10/15/18-12/09/18	Online	Hanover M	Closed
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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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

83165 355 ONLNE	-----	-	10/15/18-12/09/18	Online	Korb J	Closed
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83298 356 ONLNE	-----	-	12/12/18-01/09/19	Online	Hussein S	Closed
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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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80403 376 HYB	--W----	06:00-08:00 PM	08/27/18-12/16/18	OCB 144	Hussein S	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. Please Note: This Hybrid course combines a reduced amount of scheduled classroom time with required out-of-class learning activities, typically conducted online. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80404 350 ONLNE	-----	-	08/20/18-10/14/18	Online	Hussein S	Closed

SB 155 Excel in CTE

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. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

CRN	Days	Time	Date	Location	Instructor	Seats Open
80405 351 ONLNE	-----	-	10/15/18-12/09/18	Online	Hussein S	Closed

SB 155 Excel in CTE

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. Note: Students are highly encouraged to take this course in tandem with CRN: 80400 - Human Relations. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

80406 960 HYB	-----	-	08/27/18-12/16/18	Online	Hussein S	Closed
	--W----	12:00-02:00 PM	08/29/18-12/16/18	GEB 379		

SB 155 Excel in CTE

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. Please Note: This Hybrid course combines a reduced amount of scheduled classroom time with required out-of-class learning activities, typically conducted online. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

BUS 261 - Business Law I

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80450 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	LIB 352	Leek K	Closed

SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80451 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	LIB 352	Leek K	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80452 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 258	Hawk G	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80453 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 314	McEvoy L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80454	005 F2F	-T-----	06:00-08:50 PM	08/21/18-12/11/18	GEB 342	Simpson J	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80455	350 ONLNE	-----	-	08/20/18-12/16/18	Online	Hawk G	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80456	351 ONLNE	-----	-	08/20/18-12/16/18	Online	Feagan C	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80457	352 ONLNE	-----	-	08/20/18-12/16/18	Online	Feagan C	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

80458	353 ONLNE	-----	-	08/20/18-10/14/18	Online	Waldman E	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is an 8-week Business Law I course. It begins on August 20 and ends on October 14. Students often take this course along with Business Law II-BUS 263-CRN: 80462 (see below) which is offered in the second 8-weeks of the 16-week semester in order to earn 6 credit hours of business law in a semester. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

83098	354 ONLNE	-----	-	08/20/18-12/16/18	Online	Feagan C	Closed
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SB 155 Excel in CTE

This course is designed to introduce the students to the American legal system. Principles of legal ethics in business will be introduced. Principles of common law of contracts will be discussed. Sections of Uniform Commercial Code as applied to the law of sales and law of negotiable instruments will be introduced. 3 hrs. lecture/wk. This is a DayOne Access course. The fee listed here is the cost of DayOne Access technology that accompanies the textbook. Purchase of the textbook itself is also required, but is available at a discounted price through the JCCC Bookstore.

BUS 263 - Business Law II

A continuation of Business Law I, this course will introduce the student to the principles of Uniform Commercial Code as applied to secured transactions. The law of bankruptcy, principles of agency and business organizations such as partnerships, limited partnerships, joint ventures, corporations, and sole proprietorships will be discussed. Principles of real property, personal property, bailments, estate and trusts, insurance and environmental law will be introduced. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: BUS 261

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80459 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 314	McEvoy L	Closed
<i>SB 155 Excel in CTE</i>						
80460 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	ITC 183	Bedell T	Closed
<i>SB 155 Excel in CTE</i>						
80461 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Pener M	Closed
<i>SB 155 Excel in CTE</i>						
80462 351 ONLNE	-----	-	10/22/18-12/16/18	Online	Pener M	Closed
<i>SB 155 Excel in CTE</i>						

This is an 8-week Business Law II course. It begins on October 22 and ends on December 16. Students often take this course along with Business Law I-BUS 261-CRN: 80458 (see above) which is offered in the first 8-weeks of the 16-week semester in order to earn 6 credit hours of business law in a semester.

BUS 270 - Business Administration Internship

Upon successful completion of this course, the student will 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 business administration. A minimum of 8 or more hours a week of on-the-job training is required.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83249 500 INT	-----	-	08/20/18-12/16/18		Faculty	10 of 10
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81211 001 F2F	-T----	06:00-08:45 PM	08/21/18-09/23/18	RC 374	Epp 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 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 913-469-8500 x2330.						
81212 002 F2F	---R---	12:00-02:45 PM	08/23/18-09/23/18	RC 374	Hincks B	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 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 913-469-8500 x2330.

81213	003 F2F	----F--	11:00-01:45 PM	08/24/18-09/23/18	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 913-469-8500 x2330.

81214	004 F2F	-----S-	11:00-01:45 PM	08/25/18-09/23/18	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 913-469-8500 x2330.

81215	005 F2F	-T-----	11:00-01:45 PM	09/25/18-10/28/18	RC 376	Mora E	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 913-469-8500 x2330.

81216	006 F2F	-T-----	12:00-02:45 PM	09/25/18-10/28/18	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 913-469-8500 x2330.

81217	007 F2F	--W----	03:00-05:45 PM	09/26/18-10/28/18	RC 374	Mora E	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 913-469-8500 x2330.

81218	008 F2F	M-----	12:00-02:45 PM	10/01/18-11/04/18	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 913-469-8500 x2330.

81219	009 F2F	--W----	06:00-08:45 PM	10/31/18-12/09/18	RC 374	Mora E	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 913-469-8500 x2330.

81220	351 ONLNE	-----	-	08/20/18-09/30/18	Online	Epp 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 913-469-8500 x2330.

81221	352 ONLNE	-----	-	08/20/18-09/30/18	Online	Harn 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 913-469-8500 x2330.

81222	353 ONLNE	-----	-	11/05/18-12/09/18	Online	Epp R	Closed
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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 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 913-469-8500 x2330.

83277	354 ONLINE	-----	-	12/12/18-01/09/19	Online	Epp R	Closed
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SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81224	001 F2F	---R---	06:00-08:45 PM	08/23/18-09/23/18	RC 374	McAtee R	Closed
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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 913-469-8500 x2330.

81225	002 F2F	-T-----	08:00-10:45 AM	10/30/18-12/09/18	RC 374	Hincks B	Closed
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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 913-469-8500 x2330.

81226	003 F2F	-T-----	11:00-01:45 PM	10/30/18-12/02/18	RC 374	Powers S	Closed
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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 913-469-8500 x2330.

81227	004 F2F	--W----	03:00-05:45 PM	10/31/18-12/09/18	RC 374	Mora E	Closed
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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 913-469-8500 x2330.

81228	005 F2F	---R---	08:00-10:45 AM	11/01/18-12/09/18	RC 374	Hincks B	Closed
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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 913-469-8500 x2330.

81229	006 F2F	M-----	12:00-02:45 PM	11/05/18-12/09/18	RC 374	McAtee R	Closed
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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 913-469-8500 x2330.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81230 001 F2F	M-----	12:00-02:45 PM	08/20/18-09/30/18	RC 374	Hincks B	Closed

SB 155 Excel in CTE

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 913-469-8500 x2330.

81231 002 F2F	-T-----	08:00-10:45 AM	08/21/18-09/23/18	RC 374	Hincks B	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

81232 003 F2F	-T-----	12:00-02:45 PM	08/21/18-09/23/18	RC 374	Hincks B	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

81233 004 F2F	--W----	12:00-03:00 PM	08/22/18-09/23/18	RC 374	Hincks B	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

81235 005 F2F	---R---	08:00-10:45 AM	08/23/18-09/23/18	RC 374	Hincks B	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

81236 006 F2F	----F--	08:00-10:45 AM	08/24/18-09/23/18	RC 374	Powers S	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

81239 351 ONLINE	-----	-	11/05/18-12/09/18	Online	Harn R	Closed
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SB 155 Excel in CTE

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 913-469-8500 x2330.

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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CDTP 135

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81243 351 ONLNE	-----	-	10/01/18-11/04/18	Online	Harn R	Closed

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 913-469-8500 x2330.

81244 352 ONLNE	-----	-	10/01/18-11/04/18	Online	Epp 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 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 913-469-8500 x2330.

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. 1 hr. lecture /wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 145

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81247 001 F2F	-T-----	08:00-10:45 AM	09/25/18-10/28/18	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 913-469-8500 x2330.

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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CDTP 155

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81250 351 ONLNE	-----	-	10/29/18-12/09/18	Online	Harn R	Closed

SB 155 Excel in CTE

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 913-469-8500 x2330.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80535 001 F2F	-T-R---	06:00-08:40 PM	08/21/18-10/11/18	ITC 187	Eberle D	Closed

Accelerating Opportunity KS

SB 155 Excel in CTE

80536 002 F2F	M-W----	12:00-02:40 PM	08/20/18-10/10/18	ITC 187	Dye R	Closed
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SB 155 Excel in CTE

Accelerating Opportunity KS

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: CET 105 or equivalent

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80537 001 F2F	M-W----	03:00-04:50 PM	10/15/18-12/05/18	ITC 187	Dye R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
80538 002 F2F	M-W----	06:00-07:50 PM	10/15/18-12/05/18	ITC 187	Dye R	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</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. 3 hrs. lecture/wk. This course is typically offered in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80539 001 F2F	-T-R---	10:00-11:20 AM	08/21/18-12/16/18	GP 102	Eberle D	Closed
<i>SB 155 Excel in CTE</i>						
83053 002 F2F	-T-R---	08:30-09:50 AM	08/21/18-12/16/18	GP 102	Eberle D	Closed
<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. This course is offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CET 105

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80540 001 F2F	-T-R---	01:00-03:40 PM	10/16/18-12/06/18	ITC 187	Eberle D	Closed
<i>SB 155 Excel in CTE</i>						
80541 002 F2F	-T-R---	06:00-08:40 PM	10/16/18-12/06/18	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. This course is offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CET 129 and Math 116 or higher

[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
80543 002 F2F	M-W----	06:00-08:40 PM	08/20/18-10/10/18	ITC 187	Dye R	Closed

SB 155 Excel in CTE

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.

Credit Hours: 3

Prerequisite: Department approval

[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
80544 500 INT	-----	-	08/20/18-12/16/18		Dye R	4 of 5

SB 155 Excel in CTE

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
80229 380 HYB	M-----	02:00-04:30 PM	09/17/18-12/16/18	SCI 114	Clark M	Closed
	-----	-	09/17/18-12/16/18	Online		

Mandatory Classroom Meetings

Note: Late Start Course

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. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$60

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

[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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80230 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Clark M	Closed
	Lab -----	-	08/20/18-12/16/18	Online		
<i>KBOR Seamless Transfer</i>						
83264 365 ONLINE	-----	-	12/12/18-01/09/19	Online	Clark M	Closed
	Lab -----	-	12/12/18-01/09/19	Online		

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. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$60

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80231 001 F2F	MTWR---	08:00-08:50 AM	08/20/18-12/16/18	SCI 216	Herron B	Closed
	Lab ----F--	08:00-10:50 AM	08/24/18-12/16/18	SCI 213		
80232 002 F2F	MTWR---	09:00-09:50 AM	08/20/18-12/16/18	SCI 216	Elisabeth E	Closed
	Lab ----F--	08:00-10:50 AM	08/24/18-12/16/18	SCI 215		
80233 003 F2F	MTWR---	11:00-11:50 AM	08/20/18-12/16/18	SCI 218	Elisabeth E	Closed
	Lab ----F--	11:00-01:50 PM	08/24/18-12/16/18	SCI 215		
80234 004 F2F	M-W----	12:00-01:50 PM	08/20/18-12/16/18	SCI 216	Harvey M	Closed
	Lab ----F--	12:00-02:50 PM	08/24/18-12/16/18	SCI 213		
80235 005 F2F	-T-----	08:00-08:50 AM	08/21/18-12/16/18	SCI 218	Clark M	Closed
	Lab -T-----	09:00-11:50 AM	08/21/18-12/16/18	SCI 215		
	--R---	08:00-10:50 AM	08/23/18-12/16/18	SCI 218		
80236 006 F2F	-T-R---	10:00-11:50 AM	08/21/18-12/16/18	SCI 216	Herron B	Closed
	Lab --W----	10:00-12:50 PM	08/22/18-12/16/18	SCI 215		
80237 007 F2F	-T-R---	01:00-02:50 PM	08/21/18-12/16/18	SCI 216	Herron B	Closed
	Lab --W----	01:00-03:50 PM	08/22/18-12/16/18	SCI 215		
80238 008 F2F	Lab M-----	09:00-11:50 AM	08/20/18-12/16/18	SCI 215	Cannell K	Closed
	--W-F--	09:00-10:50 AM	08/22/18-12/16/18	SCI 218		
80239 009 F2F	Lab M-----	10:00-12:50 PM	08/20/18-12/16/18	SCI 213	Sayegh J	Closed
	--W-F--	10:00-11:50 AM	08/22/18-12/16/18	SCI 216		
80240 010 F2F	Lab M-----	12:00-02:50 PM	08/20/18-12/16/18	SCI 215	Cannell K	Closed
	--W-F--	12:00-01:50 PM	08/22/18-12/16/18	SCI 218		

CRN	Days	Time	Date	Location	Instructor	Seats Open
80241 050 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	SCI 216	Shah N	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	SCI 216		
	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	SCI 215		
80242 051 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	SCI 216	Scholtz S	Closed
	---R---	06:00-06:50 PM	08/23/18-12/16/18	SCI 216		
	Lab ---R---	07:00-09:50 PM	08/23/18-12/16/18	SCI 215		
80243 380 HYB	Lab M-----	05:30-08:20 PM	08/20/18-12/16/18	SCI 215	Cannell K	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings

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.

80244 381 HYB	-----	-	08/20/18-12/16/18	Online	Elisabeth E	Closed
	Lab -T-----	06:00-08:50 PM	08/21/18-12/16/18	SCI 215		

Mandatory Classroom Meetings

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.

80245 382 HYB	-----	-	08/20/18-12/16/18	Online	Clark M	Closed
	Lab ---R---	11:00-01:50 PM	08/23/18-12/16/18	SCI 215		

Mandatory Classroom Meetings

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.

80246 383 HYB	-----	-	08/20/18-12/16/18	Online	Jacobsen F	Closed
	Lab ---R---	02:00-04:50 PM	08/23/18-12/16/18	SCI 215		

Mandatory Classroom Meetings

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.

CHEM 124 - General Chemistry I Lecture

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.

Credit Hours: 4

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>) **Corequisite:** CHEM 125 Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80247 001 F2F	MTWRF--	08:00-08:50 AM	08/20/18-12/16/18	SCI 114	Lehman W	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80259)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80259)</i>						
80248 002 F2F	MTWRF--	09:00-09:50 AM	08/20/18-12/16/18	SCI 114	Lehman W	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80260)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80260)</i>						
80249 003 F2F	MTWRF--	10:00-10:50 AM	08/20/18-12/16/18	SCI 114	Slavin L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Co-requisite to enroll in CHEM 125 (CRN 80261)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80261)</i>						
80250 004 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	SCI 114	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80262)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80262)</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.						
80251 005 F2F	MTWRF--	12:00-12:50 PM	08/20/18-12/16/18	SCI 114	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80263)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80263)</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.						
80252 006 F2F	MTWRF--	01:00-01:50 PM	08/20/18-12/16/18	SCI 114	Britt S	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80264)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80264)</i>						
80253 007 F2F	M-W-F--	11:00-12:20 PM	08/20/18-12/16/18	SCI 124	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80265)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80265)</i>						
80254 008 F2F	M-W-F--	01:00-02:20 PM	08/20/18-12/16/18	SCI 124	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80266)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80266)</i>						
80255 050 F2F	M-----	06:00-09:50 PM	08/20/18-12/16/18	SCI 114	Weems J	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	SCI 114		
<i>Co-requisite to enroll in CHEM 125 (CRN 80267)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80267)</i>						
80256 051 F2F	-T-----	06:00-06:50 PM	08/21/18-12/16/18	SCI 114	Khvostenko D	Closed
	---R---	06:00-09:50 PM	08/23/18-12/16/18	SCI 114		
<i>Co-requisite to enroll in CHEM 125 (CRN 80268)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80268)</i>						
80257 380 HYB	-----	-	08/20/18-12/16/18	Online	Jacobsen F	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 125 (CRN 80269)</i>						
<i>Mandatory Classroom Meetings CHEM 125 (CRN 80269)</i>						
Note: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site.						
80258 381 HYB	-----	-	08/20/18-12/16/18	Online	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 80270)</i>						
<i>Mandatory Classroom Meetings CHEM 125 (CRN 80270)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 80270)</i>						
Note: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site.						

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. 3 hrs. lab/wk.

Credit Hours: 1

Prerequisites: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>) Corequisite: CHEM 124 Prerequisite or Corequisite: MATH 171 or MATH 173 or placement test

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80259 001 F2F	Lab M-----	11:00-01:50 PM	08/20/18-12/16/18	SCI 211	Lehman W	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80247)</i>						
80260 002 F2F	Lab M-----	02:00-04:50 PM	08/20/18-12/16/18	SCI 211	Lehman W	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80248)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80248)</i>						
80261 003 F2F	Lab -T-----	11:00-01:50 PM	08/21/18-12/16/18	SCI 211	Slavin L	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80249)</i>						
80262 004 F2F	Lab ---R---	02:00-04:50 PM	08/23/18-12/16/18	SCI 211	Sayegh J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80250)</i>						
80263 005 F2F	Lab --W----	02:00-04:50 PM	08/22/18-12/16/18	SCI 211	Glass A	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80251)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80251)</i>						
80264 006 F2F	Lab ---R---	08:00-10:50 AM	08/23/18-12/16/18	SCI 211	Britt S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80252)</i>						
80265 007 F2F	Lab -T-----	08:00-10:50 AM	08/21/18-12/16/18	SCI 211	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80253)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80253)</i>						
80266 008 F2F	Lab -T-----	02:00-04:50 PM	08/21/18-12/16/18	SCI 211	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80254)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80254)</i>						
80267 050 F2F	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	SCI 211	Weems J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80255)</i>						
80268 051 F2F	Lab -T-----	07:00-09:50 PM	08/21/18-12/16/18	SCI 211	Khvostenko D	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80256)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80256)</i>						
80269 052 F2F	Lab ---R---	06:00-08:50 PM	08/23/18-12/16/18	SCI 211	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 80257)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 80257)</i>						
80270 060 F2F	Lab ----S-	09:00-03:00 PM	08/25/18-08/25/18	SCI 211	Glass A	Closed
	Lab ----S-	09:00-03:00 PM	09/08/18-09/08/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	09/22/18-09/22/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	10/06/18-10/06/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	10/20/18-10/20/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	11/03/18-11/03/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	11/17/18-11/17/18	SCI 211		
	Lab ----S-	09:00-03:00 PM	12/01/18-12/01/18	SCI 211		
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 80258)</i>						

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. 4 hrs./wk. CHEM 131 students are required to enroll concurrently in CHEM 132.

Note: CHEM 131 students are required to enroll concurrently in CHEM 132. Note: MATH 171 is a prerequisite OR corequisite for CHEM 124, which is a prerequisite for this course (CHEM 131)

Credit Hours: 4

Prerequisites: CHEM 124 and CHEM 125 and Corequisite: CHEM 132

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80273 001 F2F	MTWR---	08:00-08:50 AM	08/20/18-12/16/18	GEB 217	Egan G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 80280)</i>						
80274 002 F2F	MTWR---	09:00-09:50 AM	08/20/18-12/16/18	GEB 217	Egan G	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 80281)</i>						
<i>KBOR Seamless Transfer CHEM 132 (CRN 80281)</i>						
80276 003 F2F	MTWR---	10:00-10:50 AM	08/20/18-12/16/18	GEB 217	Egan G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 80283)</i>						
80277 004 F2F	MTWR---	01:00-01:50 PM	08/20/18-12/16/18	GEB 217	Boutte J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 80284)</i>						
80278 050 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 217	Ogdon F	Closed
	---R---	06:00-06:50 PM	08/23/18-12/16/18	GEB 217		
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 132 (CRN 80285)</i>						

CHEM 132 - General Chemistry II Lab

The laboratory consists of qualitative and quantitative experiments designed to parallel and support General Chemistry II Lecture. 3 hrs. lab/wk.

Credit Hours: 1

Associated Costs: \$60

Prerequisites: CHEM 124 and CHEM 125 Corequisite: CHEM 131 Note: 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.

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80280 001 F2F	Lab ---R---	11:00-01:50 PM	08/23/18-12/16/18	SCI 213	Egan G	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 80273)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 80273)</i>						
80281 002 F2F	Lab --W----	11:00-01:50 PM	08/22/18-12/16/18	SCI 213	Egan G	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 80274)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 80274)</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
80283 003 F2F	Lab -T-----	02:00-04:50 PM	08/21/18-12/16/18	SCI 213	Egan G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 80276)</i>						
80284 004 F2F	Lab --W----	02:00-04:50 PM	08/22/18-12/16/18	SCI 213	Boutte J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 80277)</i>						
80285 050 F2F	Lab ---R---	07:00-09:50 PM	08/23/18-12/16/18	SCI 213	Ogdon F	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 80278)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 80278)</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. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$80

Prerequisites: BIOL 121 or BIOL 135 and either CHEM 122 or (CHEM 124 and CHEM 125) or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80286 380 HYB	-----	-	08/20/18-12/16/18	Online	Harvey M	Closed
	Lab ----F--	09:00-11:50 AM	08/24/18-12/16/18	CLB 307		

Mandatory Classroom Meetings

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. 3 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$80

Prerequisites: CHEM 131 and CHEM 132

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80287 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	SCI 124	Watson C	Closed
	Lab M-W----	10:00-12:50 PM	08/20/18-12/16/18	CLB 307		
80289 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 314	Jacobsen F	Closed
	Lab M-W----	02:00-04:50 PM	08/20/18-12/16/18	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.

80290 050 F2F	M-W----	05:30-06:45 PM	08/20/18-12/16/18	SCI 124	Watson C	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab M-W----	07:00-09:50 PM	08/20/18-12/16/18	CLB 307		

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. 3 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 5

Associated Costs: \$80

Prerequisite: CHEM 220

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80291 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	SCI 124	Watson C	Closed
	Lab -T-R---	11:00-01:50 PM	08/21/18-12/16/18	CLB 307		
80292 050 F2F	-T-R---	05:30-06:45 PM	08/21/18-12/16/18	SCI 124	Weldele M	Closed
	Lab -T-R---	07:00-09:50 PM	08/21/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82447 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
82448 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
82449 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Pihl C	Closed
<i>KBOR Seamless Transfer</i>						
82450 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Pihl C	Closed
<i>KBOR Seamless Transfer</i>						
82451 376 HYB	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	RC 344	Short C	Closed
	-----	-	08/21/18-12/16/18	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
82452 377 HYB	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	RC 344	Short C	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
82453 378 HYB	---R---	06:00-07:50 PM	08/23/18-12/16/18	RC 355	Pihl C	Closed
	-----	-	08/23/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82455 376 HYB	M-W----	08:30-09:45 AM	08/20/18-12/16/18	RC 380	Kitchin D	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82456 377 HYB	M-W----	12:30-01:45 PM	08/20/18-12/16/18	RC 344	Van Gorp M	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82457 378 HYB	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 342	Bellamy R	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82458 379 HYB	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	RC 361	Horner D	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82459 380 HYB	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 344	Horner D	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to \$15

Prerequisite: ACCT 121

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82460 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Leftwich M	Closed
82461 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Short C	Closed
82462 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Rao A	Closed
82463 376 HYB	--W----	04:00-05:50 PM	08/22/18-12/16/18	RC 344	Rao A	Closed
	-----	-	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CS 134 or CIS 142

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82469 001 F2F	M-W----	12:30-01:45 PM	08/20/18-12/16/18	RC 380	Short C	Closed
<i>SB 155 Excel in CTE</i>						
82470 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 361	Owens B	Closed
<i>SB 155 Excel in CTE</i>						
82471 003 F2F	-T----	06:00-08:50 PM	08/21/18-12/16/18	RC 361	Owens B	Closed
<i>SB 155 Excel in CTE</i>						
82472 350 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 205

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82464 376 HYB	---R---	06:00-08:50 PM	08/23/18-12/16/18	RC 347	Audas J	Closed
	-----	-	08/23/18-12/16/18	Online		

Mandatory Classroom Meetings

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CIS 138 or CS 200 or CS 201 or CS 205

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82465 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 344	Leftwich M	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82467 377 HYB	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	RC 380	Leftwich M	Closed
	-----	-	08/21/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

82468 378 HYB	--W----	06:00-08:50 PM	08/22/18-12/16/18	RC 344	Baburajan R	Closed
	-----	-	08/22/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: CIS 242 and CIS 260 and CS 235 or CIS 240 or CS 236 or CS 255

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82473 001 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	RC 361	Smith S	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82476 377 HYB	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 380	Smith S	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3777 for approval.

Credit Hours: 16

Associated Costs: \$25-\$50

Requirements: 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
Corequisite: CO 101

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82551 200 F2F	----F--	08:00-04:30 PM	08/20/18-09/21/18	🚌 WPK 180	Goebel M Geer K Rosauer J Henderson D	Closed
	MTWR---	08:00-05:00 PM	08/20/18-09/20/18	🚌 WPK 180		
	MT-----	08:00-05:00 PM	09/24/18-10/09/18	🚌 WPK 180		

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82552 201 F2F	--WR---	08:00-05:00 PM	09/26/18-10/11/18	 WPK 131	Goebel M Dye K Geer K Rosauer J Henderson D	Closed
	----F--	08:00-04:30 PM	09/28/18-10/12/18	 WPK 131		

SB 155 Excel in CTE

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.

Credit Hours: 9

Associated Costs: \$25-\$50

Prerequisites: CO 100 with a grade of "C" or higher and CO 101 with a grade of "C" or higher
Corequisite: CO 103

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82553 202 F2F	MT-----	08:00-05:00 PM	10/15/18-12/18/18	 WPK 180	Goebel M Geer K Rosauer J	Closed

SB 155 Excel in CTE


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.

Credit Hours: 5

Prerequisites: CO 100 with a grade of "C" or higher and CO 101 with a grade of "C" or higher
Corequisite: CO 102

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82554 203 F2F	--WR---	08:00-05:00 PM	10/17/18-12/20/18	 WPK 131	Goebel M Dye K Geer K Rosauer J Henderson D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	----F--	08:00-04:30 PM	10/19/18-12/21/18	WPK 131		

SB 155 Excel in CTE

CO 104 - Esthetics Essentials

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, body treatments, advanced therapies, business practices and state law. This class meets 48 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

Credit Hours: 3

Associated Costs: \$25-\$50

Prerequisites: CO 102 with a grade of "C" or higher and CO 103 with a grade of "C" or higher Corequisite: CO 105

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82555 204 F2F	MT-----	05:30-09:30 PM	10/22/18-12/11/18	WPK 180	Dye K Geer K Rosauer J	Closed

SB 155 Excel in CTE

CO 105 - Esthetics Essentials 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, body treatments, advanced therapies, business practices and state law. This class meets 73 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

Credit Hours: 2

Prerequisites: CO 102 with a grade of "C" or higher and CO 103 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82556 205 F2F	--WR---	05:30-09:30 PM	10/24/18-12/13/18	WPK 131	Goebel M Dye K Geer K Rosauer J Henderson D	Closed
	----S-	09:00-01:00 PM	10/27/18-12/15/18	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.

Credit Hours: 12

Associated Costs: \$50-\$100

Requirements: 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 Corequisite: CO 111

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82558 210 F2F	MTWR---	08:00-05:00 PM	08/13/18-10/25/18	🚗 WPK 133	Goebel M Geer K Hinojosa M Rosauer J Henderson D	Closed
	----F--	08:00-04:30 PM	08/17/18-10/26/18	🚗 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

Requirements: 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 Corequisite: CO 110

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82559 211 F2F	MTWR---	08:00-05:00 PM	10/29/18-12/20/18	🚗 WPK 133	Goebel M Geer K Hinojosa M Rosauer J Henderson D	Closed
	----F--	08:00-04:30 PM	11/02/18-12/21/18	🚗 WPK 133		

SB 155 Excel in CTE

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.

Credit Hours: 10

Prerequisites: CO 110 and CO 111 (both with a grade of "C" or higher) Corequisite: CO 113

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82560 212 F2F	M-----	08:00-05:00 PM	08/13/18-10/15/18	🚗 WPK 177	Goebel M Geer K Hinojosa M Henderson D	Closed
	-TW----	08:00-05:00 PM	08/14/18-10/17/18	🚗 WPK 101		
	---R---	11:00-08:00 PM	08/16/18-10/18/18	🚗 WPK 101		
	----F--	08:00-04:30 PM	08/17/18-10/19/18	🚗 WPK 101		

SB 155 Excel in CTE

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.

Credit Hours: 9

Prerequisites: CO 110 and CO 111 (both with a grade of "C" or higher) **Corequisite:** CO 112

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82561 213 F2F	M-----	08:00-05:00 PM	10/22/18-12/17/18	🚗 WPK 177	Goebel M Geer K Hinojosa M Henderson D	Closed
	-TW----	08:00-05:00 PM	10/23/18-12/19/18	🚗 WPK 101		
	---R---	11:00-08:00 PM	10/25/18-12/20/18	🚗 WPK 101		
	----F--	08:00-04:30 PM	10/26/18-12/21/18	🚗 WPK 101		

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82073 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 313	Filley D	Closed
82077 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	ATB 132	Gray J	Closed
82079 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	OCB 142	Filley D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
82092 005 F2F	--W----	06:00-08:50 PM	09/05/18-12/12/18	CC 216	Chapkin L	Closed
82095 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Garcia J	Closed
82098 351 ONLNE	-----	-	09/04/18-12/16/18	Online	Garcia J	Closed
82099 352 ONLNE	-----	-	09/17/18-12/16/18	Online	Doyle M	Closed
83213 353 ONLNE	-----	-	12/12/18-01/09/19	Online	Mann V	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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83180 003 F2F	M-----	10:00-10:55 AM	09/10/18-12/16/18	SCI 216	Mann V	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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82169 001 F2F	M-W-F--	09:00-09:50 AM	08/27/18-10/05/18	LIB 305	Kempker K	Closed
82170 002 F2F	M-W-F--	12:00-12:50 PM	08/27/18-10/05/18	LIB 305	Dennis C	Closed
82171 003 F2F	M-W----	04:00-05:15 PM	08/27/18-10/03/18	LIB 303	Thomas M	Closed
82172 004 F2F	-T-R---	09:30-10:45 AM	09/11/18-10/25/18	LIB 305	Voss-Schoonover L	Closed
82174 006 F2F	-T-R---	11:00-12:15 PM	10/09/18-11/15/18	LIB 303	Kanter F	Closed
82175 007 F2F	M-W-F--	10:00-10:50 AM	10/08/18-11/16/18	LIB 305	Kempker K	Closed
82176 008 F2F	-T-----	06:00-08:50 PM	10/09/18-11/13/18	LIB 303	Thomas M	Closed
82189 350 ONLNE	-----	-	08/27/18-10/05/18	Online	Putnam T	Closed
82190 351 ONLNE	-----	-	10/08/18-11/16/18	Online	Putnam T	Closed

COLL 176 - College Study Strategies

In this course, students will learn a series of strategies for processing information from textbooks and lectures and strategies for studying for 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 learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information, and preparing for tests. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82191 001 F2F	M-W-F--	09:00-09:50 AM	08/27/18-10/05/18	GEB 381	Dennis C	Closed
82192 002 F2F	M-W-F--	11:00-11:50 AM	08/27/18-10/05/18	SCI 118	Green D	Closed
82193 003 F2F	M-W-F--	12:00-12:50 PM	08/27/18-10/05/18	LIB 303	Woodward S	Closed
82197 005 F2F	-T-R---	09:30-10:45 AM	10/09/18-11/15/18	LIB 303	Lassiter A	Closed
82196 006 F2F	-T-----	06:00-08:50 PM	10/09/18-11/13/18	LIB 305	Woodward S	Closed
82202 012 F2F	-T-R---	12:30-01:45 PM	10/30/18-12/06/18	CC 323	Woodward S	Closed
82205 350 ONLNE	-----	-	08/27/18-10/05/18	Online	Doyle M	Closed
82206 351 ONLNE	-----	-	10/08/18-11/18/18	Online	Doyle M	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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82211 005 F2F	M-W-F--	10:00-10:50 AM	10/08/18-11/16/18	LIB 303	Doyle M	Closed
82213 350 ONLNE	-----	-	08/27/18-10/05/18	Online	Massman H	Closed
82214 351 ONLNE	-----	-	10/08/18-11/18/18	Online	Massman H	Closed
82215 352 ONLNE	-----	-	10/29/18-12/09/18	Online	Doyle M	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82220 001 F2F	M-W-F--	11:00-11:50 AM	08/27/18-12/15/18	LIB 305	Massman H	Closed
82221 002 F2F	M-W-F--	09:00-09:55 AM	09/05/18-12/14/18	LIB 353B	Doyle M	Closed
82222 003 F2F	M-W----	03:00-04:45 PM	10/01/18-12/16/18	LIB 353B	Ellis R	Closed
82223 004 F2F	-T-R---	11:00-12:25 PM	09/04/18-12/16/18	LIB 305	Johnson G	Closed
82224 005 F2F	--W----	06:00-08:55 PM	09/05/18-12/12/18	LIB 305	Ellis R	Closed
82225 006 F2F	M-W----	12:00-01:25 PM	09/05/18-12/12/18	SCI 116	Ackelson M	Closed
82229 009 F2F	MTWR---	01:45-02:45 PM	09/04/18-11/15/18	LIB 305	Ackelson M	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.

Notes: This section of COLL 200 is for College 101: College Success for High School Seniors. Please contact Charlotte Walker, College Success Department Transition Coordinator at 913-469-8500, x3543 or cwalke43@jccc.edu for more information.

83093 011 F2F	-T-R---	12:30-02:00 PM	09/11/18-12/16/18	CLB 412	Johnson G	Closed
82226 350 ONLNE	-----	-	09/04/18-12/16/18	Online	Mann V	Closed
83089 351 ONLNE	-----	-	09/10/18-12/16/18	Online	Massman H	Closed
83192 352 ONLNE	-----	-	10/01/18-12/16/18	Online	Mann V	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82343 350 ONLNE	-----	-	08/20/18-09/24/18	Online	Mahring B	Closed
82344 351 ONLNE	-----	-	08/20/18-09/24/18	Online	Mahring B	Closed
82345 352 ONLNE	-----	-	08/20/18-09/24/18	Online	Mahring B	Closed
82346 353 ONLNE	-----	-	10/01/18-10/29/18	Online	Mahring B	Closed
82348 355 ONLNE	-----	-	11/05/18-12/03/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82351 350 ONLINE	-----	-	10/01/18-10/29/18	Online	Mahring B	Closed

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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82352 350 ONLINE	-----	-	10/02/18-10/30/18	Online	Mahring B	Closed

Microsoft Word Office 2016 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. 1hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82353 350 ONLINE	-----	-	10/01/18-10/29/18	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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82355 350 ONLINE	-----	-	09/27/18-10/25/18	Online	Smith C	Closed

Microsoft Excel Office 2016Note: 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.

82356 351 ONLINE	-----	-	11/01/18-12/06/18	Online	Smith C	Closed
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Microsoft Excel Office 2016Note: 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.

82357 376 HYB	-T-----	06:00-08:45 PM	10/02/18-10/30/18	RC 355	Hultgren S	Closed
	-----	-	10/02/18-10/30/18	Online		

Mandatory Classroom Meetings

Microsoft Excel Office 2016Note: 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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 110 or CPCA 128

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82358 350 ONLINE	-----	-	11/01/18-12/06/18	Online	Smith C	Closed
83099 351 ONLINE	-----	-	11/01/18-12/06/18	Online	Smith C	Closed
82359 376 HYB	-T-----	06:00-08:45 PM	11/06/18-12/04/18	RC 355	Hultgren S	Closed
	-----	-	11/06/18-12/04/18	Online		

Mandatory Classroom Meetings

Microsoft Excel Office 2016Note: 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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisites: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or CS 134 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82360 350 ONLINE	-----	-	08/20/18-09/24/18	Online	Grandgenett C	Closed

SB 155 Excel in CTE

Microsoft Access Office 2016Note: 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.

82361 351 ONLINE	-----	-	10/01/18-10/29/18	Online	Grandgenett C	Closed
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SB 155 Excel in CTE

Microsoft Access Office 2016Note: 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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: CPCA 114

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82362 350 ONLINE	-----	-	10/01/18-12/03/18	Online	Grandgenett C	Closed

SB 155 Excel in CTE

Microsoft Access Office 2016Note: 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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82363 350 ONLINE	-----	-	11/05/18-12/03/18	Online	Mahring B	Closed

Microsoft Outlook Office 2016Note: 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 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. 3 hr. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: CPCA 105 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82364 376 HYB	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 353	Manifold K	Closed
	-----	-	08/20/18-12/16/18	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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82365 350 ONLNE	-----	-	10/01/18-10/29/18	Online	Hultgren S	Closed
82366 376 HYB	----F--	06:00-08:45 PM	11/02/18-12/07/18	RC 353	Hultgren S	Closed
	-----	-	11/02/18-12/07/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82367 350 ONLNE	-----	-	10/01/18-10/29/18	Online	Smith C	Closed

Microsoft PowerPoint Office 2016

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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 108 or CPCA 128

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82368 350 ONLNE	-----	-	11/05/18-12/03/18	Online	Mahring B	Closed

Microsoft Word Office 2016 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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82369 350 ONLNE	-----	-	08/23/18-12/16/18	Online	Smith C	Closed
Microsoft Office 2016						
82370 351 ONLNE	-----	-	08/23/18-12/16/18	Online	Smith C	Closed
Microsoft Office 2016						
82371 352 ONLNE	-----	-	08/23/18-12/16/18	Online	Kosko J	Closed
Microsoft Office 2016						
82372 353 ONLNE	-----	-	09/20/18-12/16/18	Online	Kosko J	Closed
Microsoft Office 2016						
82373 376 HYB	-T-R---	09:30-10:50 AM	08/28/18-12/16/18	RC 355	Mahring B	Closed
	-----	-	08/28/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
Microsoft Office 2016						
82374 377 HYB	-T-R---	11:00-12:20 PM	08/28/18-12/16/18	RC 355	Mahring B	Closed
	-----	-	08/28/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
Microsoft Office 2016						
82563 380 HYB	M-----	02:00-04:45 PM	08/27/18-12/16/18	RC 355	Jarvis B	Closed
	-----	-	08/27/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
Microsoft Office 2016						

CRN	Days	Time	Date	Location	Instructor	Seats Open
82564 381 HYB	M-----	06:00-08:50 PM	08/27/18-12/16/18	RC 355	Jarvis B	Closed
	-----	-	08/27/18-12/16/18	Online		

Mandatory Classroom Meetings

Microsoft Office 2016

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. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite or Corequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or an appropriate score on a waiver test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82376 350 ONLINE	-----	-	11/06/18-12/04/18	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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or appropriate score on an assessment test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82377 350 ONLINE	-----	-	08/28/18-09/25/18	Online	Kosko J	Closed

CPCA 151 - Internet II

This course will cover the commands and techniques required to effectively use various Internet application tools. The student will also use Windows and non-Windows applications to locate information, download and upload files, and create a Web page. Additionally the course will cover basic LINUX commands and publish a Web page to a Web server. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CPCA 141 or an appropriate score on an assessment test

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82378 350 ONLINE	-----	-	10/02/18-10/30/18	Online	Kosko J	Closed

CPCA 228 - PC Applications II: MS Office

This course builds on the skills covered in CPCA 128, PC Applications: MS Office. After completing this course students should be able to use advanced concepts and applications of word processing, spreadsheet and database software. Hands-on practical projects will be performed to reinforce the concepts taught. 3 hr. lecture/wk.

Credit Hours: 3

Prerequisite: CPCA 128 or (CPCA 108 and CPCA 110 and CPCA 114)

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82549 376 HYB	---R---	02:00-04:45 PM	08/30/18-08/30/18	RC 353	Smith C Mahring B	Closed
	-----	-	08/30/18-12/16/18	Online		
	---R---	02:00-04:45 PM	09/27/18-09/27/18	RC 353		
	---R---	02:00-04:45 PM	10/25/18-10/25/18	RC 353		
	---R---	02:00-04:45 PM	11/29/18-11/29/18	RC 353		
	---R---	02:00-04:45 PM	12/13/18-12/13/18	RC 353		

Mandatory Classroom Meetings

Microsoft Office 2016

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82477 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
82478 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Nagarajan N	Closed
<i>SB 155 Excel in CTE</i>						
82479 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Nagarajan N	Closed
<i>SB 155 Excel in CTE</i>						
82481 376 HYB	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	RC 380	Damico B	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82482 377 HYB	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	RC 380	Damico B	Closed
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

CRN	Days	Time	Date	Location	Instructor	Seats Open
82483 378 HYB	M-W----	02:00-03:15 PM	08/20/18-12/16/18	RC 347	Smith S	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82484 379 HYB	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	RC 380	Weaver P	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82485 380 HYB	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 380	VanHorn J	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82486 381 HYB	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	RC 380	Nyberg C	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82487 382 HYB	--W----	06:00-08:50 PM	08/22/18-12/16/18	RC 380	Holdman C	Closed
	-----	-	08/22/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82488 383 HYB	---R---	06:00-08:50 PM	08/23/18-12/16/18	RC 344	Kaustinen M	Closed
	-----	-	08/23/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

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.

Credit Hours: 4

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 for prior work-related experience.

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82489 350 ONLINE	-----	-	08/20/18-12/16/18	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.						
82490 376 HYB	M-W----	12:30-01:45 PM	08/20/18-12/16/18	RC 347	Chen I	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82492 378 HYB	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 347	Kier J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/21/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82493 379 HYB	-T-----	06:00-08:50 PM	08/21/18-12/16/18	RC 380	Aljanabi A	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</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. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

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 205 or MATH 241 or an appropriate score on department waiver test or department approval for prior work-related experience.

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82494 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Van Gorp M	Closed
<i>SB 155 Excel in CTE</i>						
82495 376 HYB	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	RC 361	Van Gorp M	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</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.

Credit Hours: 4

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 for prior work-related experience.

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82496 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Weaver P	Closed
<i>SB 155 Excel in CTE</i>						
82497 376 HYB	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 361	Van Gorp M	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 171 or both MATH 116 and CS 134 or appropriate math assessment scores

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82499 001 F2F	M-W----	04:30-05:45 PM	08/20/18-12/16/18	RC 361	Kier J	Closed
<i>SB 155 Excel in CTE</i>						
82500 002 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 229	VanHorn J	Closed
<i>SB 155 Excel in CTE</i>						
82501 003 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 229	VanHorn J	Closed
<i>SB 155 Excel in CTE</i>						

CS 211 - Discrete Structures II

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 experiment with a variety of discrete mathematical topics. The course will include fundamental mathematical principles, combinatorial analysis, mathematical reasoning, graphs and trees, and Boolean logic circuits. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: CS 210

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_211)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82502 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	SCI 124	Singh R	Closed
<i>SB 155 Excel in CTE</i>						

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.

Credit Hours: 4

Prerequisite: CS 200 or CS 201 or CS 205

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82503 350 ONLINE	-----	-	08/20/18-12/16/18	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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
82504 376 HYB	--W----	06:00-08:45 PM	08/22/18-12/16/18	RC 347	Aljanabi A	Closed
	-----	-	08/22/18-12/16/18	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

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.

Credit Hours: 4

Prerequisite: CS 201

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82956 377 HYB	---R---	06:30-09:30 PM	08/23/18-12/16/18	RC 380	German D	Closed
	-----	-	08/23/18-12/16/18	Online		

SB 155 Excel in CTE

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

Prerequisite: CS 235 OR (CS 200 and CS 210 or CS 236 or CS 255 or CIS 240 or MATH 242)

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82506 376 HYB	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 347	Kier J	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

82507 377 HYB	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	RC 347	Singh R	Closed
	-----	-	08/21/18-12/16/18	Online		

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.

Credit Hours: 4

Prerequisite: CS 205 or CS 236 or CIS 240

Outline (http://catalog.jccc.edu/coursedescriptions/cs/#CS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82508 001 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	RC 347	Weaver P	Closed

SB 155 Excel in CTE

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. 2 hrs. lecture, 14 hrs. lab/wk.

Credit Hours: 5

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130
Corequisites: DHYG 125 and DHYG 135 and DHYG 138
Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80554 001 F2F	-T-----	08:00-05:00 PM	08/21/18-08/21/18	CC 232	Davis K Funkhouser D Geisbauer K	Closed
	-T-R---	08:00-09:55 AM	08/21/18-12/16/18	SCI 222		
	-T-R---	10:00-05:00 PM	08/21/18-12/16/18	SCI 201		
	---R---	08:00-09:55 AM	08/23/18-08/23/18	CC 232		

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130
Corequisites: DHYG 121 and DHYG 135 and DHYG 138
Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80555 001 F2F	M-W----	10:00-10:55 AM	08/20/18-12/16/18	SCI 112	Wynn K	Closed
	--W----	11:00-11:55 AM	08/22/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: Admission to the Dental Hygiene Program and BIOL 140 and BIOL 230 and BIOL 231 and CHEM 122 and ENGL 121 and PSYC 130
Corequisites: DHYG 121 and DHYG 125 and DHYG 135
Prerequisite or corequisite: SOC 122 (All BIOL, CHEM, and DHYG courses must be completed with a "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80556 001 F2F	M-W----	08:00-08:55 AM	08/20/18-12/16/18	CLB 309	Wynn K	Closed
80557 002 F2F	M-W----	09:00-09:55 AM	08/20/18-12/16/18	CLB 309	Wynn K	Closed

DHYG 142 - Dental Radiography

This course prepares the dental hygiene student to expose, process and critique intra and extraoral 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. 1 hr. lecture, 3 hrs. lab/wk.

Credit Hours: 2

Prerequisites: DHYG 121 and DHYG 125 and DHYG 135 and DHYG 138
Corequisites: DHYG 140 and DHYG 146 and DHYG 148
Prerequisite or corequisite: BIOL 225 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80558 376 F2F	----F--	08:00-09:30 AM	08/24/18-12/16/18	SCI 112	Samuel H Warring J	Closed
	----F--	10:30-01:50 PM	08/24/18-12/16/18	SCI 201		

SB 155 Excel in CTE

DHYG 221 - Clinical Dental Hygiene III

Students will continue development in the areas of patient management, preventive dental hygiene treatment and proficiency in clinical techniques through practical application. Current advances in dental hygiene services will also be introduced. 2 hrs. lecture, 16 hrs. clinic/wk.

Credit Hours: 6

Prerequisites: DHYG 140 and BIOL 235
Corequisites: DHYG 225 and DHYG 230 and DHYG 240

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80559 001 F2F	M-W----	08:00-04:50 PM	08/20/18-12/16/18	SCI 201	Callihan T Armbrister B Wells C Grotheer D Boles N Evans-Solano C Joshi R	Closed
	----F--	10:00-11:50 AM	08/24/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and DHYG 142 and DHYG 146 and DHYG 148 and BIOL 225 and BIOL 235 **Corequisites:** DHYG 221 and DHYG 230 and DHYG 240 (All BIOL, CHEM, and DHYG courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80560 001 F2F	-T-R---	10:00-11:20 AM	08/21/18-12/16/18	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. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Prerequisites: DHYG 140 and BIOL 235 **Corequisites:** DHYG 221 and DHYG 225 and DHYG 240

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80680 001 F2F	-T-RF--	10:00-11:55 AM	08/14/18-08/19/18	SCI 112	Haas C	Closed
	---R---	01:00-02:55 PM	08/16/18-08/19/18	SCI 112		
	-T-R---	08:00-09:55 AM	08/21/18-11/20/18	SCI 112		

SB 155 Excel in CTE

DHYG 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: 2

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82938 001 CLI	-----	-	08/22/18-12/16/18		Callihan T	Full

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/diet/#DIET_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80470 376 HYB	---R---	12:00-01:50 PM	08/23/18-08/23/18	HCA 117	Riley M	Closed
	-----	-	08/23/18-12/16/18	Online		
	---R---	12:00-01:50 PM	09/06/18-09/06/18	HCA 117		
	---R---	12:00-01:50 PM	09/20/18-09/20/18	HCA 117		
	---R---	12:00-01:50 PM	10/04/18-10/04/18	HCA 117		
	---R---	12:00-01:50 PM	10/18/18-10/18/18	HCA 117		
	---R---	12:00-01:50 PM	11/01/18-11/01/18	HCA 117		
	---R---	12:00-01:50 PM	11/15/18-11/15/18	HCA 117		
	---R---	12:00-01:50 PM	11/29/18-11/29/18	HCA 117		
	---R---	12:00-01:50 PM	12/13/18-12/13/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/diet/#DIET_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80476 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	HCA 119	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
80480 002 F2F	--W----	12:00-02:50 PM	08/22/18-12/16/18	HCA 115	Collier R	Closed
<i>KBOR Seamless Transfer</i>						
80483 003 F2F	-T-----	12:00-02:50 PM	08/21/18-12/16/18	HCA 119	Riley M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80485 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
80486 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Tripe J	Closed
<i>KBOR Seamless Transfer</i>						
80487 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Collier R	Closed
<i>KBOR Seamless Transfer</i>						

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.

Credit Hours: 2

Associated Costs: \$0-\$150

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/diet/#DIET_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80548 500 INT	-----	-	08/20/18-12/16/18		Riley M	22 of 24
<i>SB 155 Excel in CTE</i>						
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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81265 001 F2F	M-W-F--	11:00-11:55 AM	08/20/18-10/14/18	ITC 122	Feuerborn D	Closed
	Lab M-W-F--	12:00-12:55 PM	08/20/18-10/14/18	ITC 122		
<i>SB 155 Excel in CTE</i>						
Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 120. You may be able to receive credit for this class						
81266 002 F2F	-T-R---	07:00-07:55 PM	08/21/18-10/14/18	ITC 122	Feuerborn D	Closed
	Lab -T-R---	08:00-09:55 PM	08/21/18-10/14/18	ITC 122		

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

Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 120. You may be able to receive credit for this class

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: DRAF 120 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81267 001 F2F	M-W----	11:00-12:55 PM	10/15/18-12/09/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81268 001 F2F	----F--	11:00-02:50 PM	10/19/18-12/09/18	ITC 122	Feuerborn D	Closed

Accelerating Opportunity KS

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 129

81269 002 F2F	-T-R---	07:00-08:50 PM	10/16/18-12/09/18	ITC 122	Feuerborn D	Closed
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Accelerating Opportunity KS

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500-x3901 prior to enrolling in DRAF 129

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.

Credit Hours: 3

Prerequisite or Corequisite: DRAF 120 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81270 001 F2F	M-W----	06:00-07:50 PM	08/20/18-10/14/18	ITC 122	Hughes T	Closed
Lab -----	-		08/20/18-10/14/18	ITC 124		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 130. You may be able to receive credit for this class. All sections of DRAF 130 will use AutoCAD 2018

81271 002 F2F	M-W----	01:00-02:50 PM	08/20/18-10/14/18	ITC 122	Hughes T	Closed
Lab -----	-		08/20/18-10/14/18	ITC 124		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have prerequisite questions and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 130. You may be able to receive credit for this class. All sections of DRAF 130 will use AutoCAD 2018

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81272 350 ONLINE	-----	-	09/17/18-12/16/18	Online	Cline L	Closed

SB 155 Excel in CTE

Note: Students taking this online course can use either the AutoCAD LT or AutoCAD software to complete assignments. A free download of the software is available for student use. Students with additional questions or students new to the Drafting program should contact the instructor or Tom Hughes thughes@jccc.edu or 913-469-8500 x3901

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: DRAF 129

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81273 001 F2F	M-W----	01:00-01:50 PM	08/20/18-10/14/18	ITC 128	Feuerborn D	Closed
	---F--	01:00-02:50 PM	08/24/18-10/14/18	ITC 126		
81274 002 F2F	---F--	06:00-09:50 PM	08/24/18-10/14/18	ITC 126	Burton S	Closed

SB 155 Excel in CTE

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10

Prerequisite or corequisite: DRAF 123 or Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81275 001 F2F	M-W----	08:00-09:50 PM	08/20/18-10/14/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81276 001 F2F	----F--	01:00-03:50 PM	09/07/18-11/09/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81277 001 F2F	-T-R---	10:00-11:50 AM	10/16/18-12/09/18	ITC 128	Cline L	Closed

SB 155 Excel in CTE

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. This course is required in the Interior Design, Interior Entrepreneurship and Interior Merchandising AAS programs. 2 hrs. lecture,

3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$140 to \$160

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81278 001 F2F	M-W----	09:00-09:50 AM	08/20/18-12/16/18	ITC 128	Cline L	Closed
	Lab M-W----	10:00-11:20 AM	08/20/18-12/16/18	ITC 128		
<i>SB 155 Excel in CTE</i>						
81279 002 F2F	Lab M-W----	06:00-06:50 PM	08/20/18-12/16/18	ITC 128	Cline L	Closed
	M-W----	07:00-08:20 PM	08/20/18-12/16/18	ITC 128		
<i>SB 155 Excel in CTE</i>						
81280 003 F2F	Lab -T-R---	01:00-01:50 PM	08/21/18-12/16/18	ITC 128	Cline L	Closed
	-T-R---	02:00-03:20 PM	08/21/18-12/16/18	ITC 128		
<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. This course is typically taught in the fall semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$90 to \$120

Prerequisites: DRAF 123 and DRAF 135 and DRAF 230 and DRAF 245 Prerequisites or Corequisites: MATH 131 or MATH 172

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81281 001 F2F	-T-R---	02:30-03:20 PM	08/21/18-12/16/18	ITC 126	Feuerborn D	Closed
	Lab -T-R---	03:30-04:50 PM	08/21/18-12/16/18	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.

Credit Hours: 3

Associated Costs: \$90 to \$120

Prerequisites: DRAF 230 or department approval Prerequisites or Corequisites: DRAF 244 and (MATH 131 or MATH 172)

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81282 001 F2F	M-W----	01:00-01:50 PM	08/20/18-12/16/18	ITC 126	Johnson S	Closed
	Lab M-W----	02:00-03:20 PM	08/20/18-12/16/18	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.

Credit Hours: 3

Associated Costs: \$30 to \$50

Prerequisite or Corequisite: DRAF 130 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81283 001 F2F	M-W----	01:00-02:50 PM	10/15/18-12/09/18	ITC 122	Hughes T	Closed
	Lab -----	-	10/15/18-12/09/18	ITC 124		
81284 002 F2F	M-W----	06:00-07:50 PM	10/15/18-12/09/18	ITC 122	Hughes T	Closed
	Lab -----	-	10/15/18-12/09/18	ITC 124		

SB 155 Excel in CTE

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. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$90 to \$120

Prerequisite or Corequisite: DRAF 143 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81285 001 F2F	----F--	06:00-09:50 PM	10/19/18-12/09/18	ITC 126	Burton S	Closed
81286 002 F2F	----S-	09:00-12:50 PM	10/20/18-12/09/18	ITC 126	Burton S	Closed

SB 155 Excel in CTE

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. It is recommended that students have previous civil engineering design knowledge or are taking or have taken DRAF 225, Civil Drafting. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$80 to \$100

Prerequisite or Corequisite: DRAF 225 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81287 001 F2F	M-W----	11:00-12:50 PM	10/15/18-12/09/18	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. It is recommended that students have previous mechanical design knowledge or have taken DRAF 145. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$90 to \$100

Prerequisite or Corequisite: DRAF 145 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81288 001 F2F	M-W----	08:00-09:50 PM	10/15/18-12/09/18	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. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed. Note: Prerequisites DRAF 164 and ITMD 121 require a grade of "C" or higher.

Credit Hours: 3

Associated Costs: \$10 to \$15

Prerequisites: DRAF 164 and ITMD 121(both courses must be completed with a grade of "C" or higher), or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81289 001 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	ITC 122	Hughes T	Closed
	Lab -----	-	08/21/18-12/16/18	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. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisite: department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81290 500 INT	-----	-	08/20/18-12/16/18		Hughes T	2 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. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisites: DRAF 271 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81291 500 INT	-----	-	08/20/18-12/16/18		Hughes T	1 of 2

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82436 376 HYB	---R---	08:00-09:50 PM	08/23/18-12/16/18	RC 361	Smith S	Closed
	-----	-	08/23/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82437 376 HYB	---R---	06:00-07:50 PM	08/23/18-12/16/18	RC 361	McCall J	Closed
	-----	-	08/23/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82438 376 HYB	-T-----	06:00-07:50 PM	08/21/18-12/16/18	RC 344	Baburajan R	Closed
	-----	-	08/21/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82440 376 HYB	-T-----	08:00-09:50 PM	08/21/18-12/16/18	RC 344	Korolev M	Closed
	-----	-	08/21/18-12/16/18	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. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80691 003 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 329	Zuroweste S	Closed
80693 005 F2F	M-W----	07:30-08:45 PM	08/20/18-12/16/18	CC 316	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 course does not fulfill degree requirements. This is the second writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 101 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80700 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 329	Walker A	Closed
80701 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 124	Sobolevsky A	Closed
80702 008 F2F	-T-R---	07:30-08:45 PM	08/21/18-12/16/18	CC 312	Blackman P	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 course does not fulfill degree requirements. This is the first speaking course in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline (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	08/21/18-12/16/18	CC 122	Lychnikova E	Closed
80695 005 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	CC 316	Magnuson K	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 course does not fulfill degree requirements. This is the second speaking course in a sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisites: EAP 105 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80703 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 324	Forth J	Closed
80708 005 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 316	Sagastume S	Closed
80715 008 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	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 does not fulfill degree requirements. This course is the third writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 103 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80721 005 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 329	Massman H	Closed
80722 006 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 316	Forth J	Closed
80725 008 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 130	Zuroweste S	Closed
80726 009 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 128	Jenab F	Closed
80727 011 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CC 124	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. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 111 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80754 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 316	Milkowart H	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80755 003 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 316	Forth J	Closed
80768 005 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 329	Milkowart H	Closed
80770 006 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 215	Kastendick R	Closed
<i>Special Focus</i>						
Note: Students in this BUSINESS FOCUS course will increase writing and grammar comprehension proficiency through business-themed projects and activities. The class is open to any EAP student meeting the EAP 113 prerequisite but will be especially appealing to those interested in developing communication skills applicable within business contexts.						
80771 010 F2F	M-W----	07:30-08:45 PM	08/20/18-12/16/18	CC 312	Knisley T	Closed
80772 350 ONLINE	-----	-	08/20/18-12/16/18	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 course does not fulfill degree requirements. This is the third speaking course in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 107 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80728 004 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 316	Milkowart H	Closed
83090 005 F2F	M-W-F--	02:00-02:55 PM	08/27/18-12/16/18	CC 229	Walker A	Closed
80735 006 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	ATB 132	Lychnikova E	Closed
80739 009 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 122	Lychnikova E	Closed
80741 012 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	CC 324	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. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 115 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_117)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80747 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 329	Walker A	Closed
80748 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 329	Dixon G	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80749 004 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 316	Sagastume S	Closed
80751 006 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 316	Sagastume S	Closed
80752 009 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	CC 312	Knisley T	Closed
80753 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80696 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 324	Rainwater M	Closed
80697 004 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CC 312	Blackman P	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 course does not fulfill degree requirements. This is the second reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: EAP 120 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80717 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 324	Kastendick R	Closed
80719 005 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 215	Sobolevsky A	Closed
80720 008 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	CC 316	Magnuson K	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 course does not fulfill degree requirements. This is the third reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: EAP 121 or appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/coursedescriptions/eap/#EAP_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80742 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 316	Rainwater M	Closed
80743 003 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 324	Kastendick R	Closed
80745 006 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 124	Sobolevsky A	Closed
80744 007 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 324	Rainwater M	Closed
80746 011 F2F	-T-R---	07:30-08:45 PM	08/21/18-12/16/18	CC 314	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/econ/#ECON_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81128 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 248	Christensen K	Closed
81133 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	LIB 352	Christensen K	Closed
81135 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 361	Christensen K	Closed
81136 004 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	OCB 246	Ashworth S	Closed
81137 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Christensen K	Closed
81138 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Young B	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/econ/#ECON_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81139 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	OCB 246	Hadley S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81140 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 342	Kim K	Closed
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KBOR Seamless Transfer

81141 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	OCB 246	Okao A	Closed
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KBOR Seamless Transfer

81142 004 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 246	Kim K	Closed
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KBOR Seamless Transfer

81145 006 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	OCB 246	Owens D	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81146 007 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	OCB 248	Gordon L	Closed
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KBOR Seamless Transfer

81147 008 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	OCB 246	Christensen K	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81148 009 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	OCB 246	Brogna A	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81149 010 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	OCB 246	Hadley S	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81150 011 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	RC 342	Kim K	Closed
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KBOR Seamless Transfer

81151 012 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	OCB 332	Brogna A	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81152 013 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	OCB 248	Owens D	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81153 014 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	OCB 246	Hamilton T	Closed
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KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
81154 015 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	OCB 246	Hamilton T	Closed
<i>KBOR Seamless Transfer</i>						
81155 016 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 324	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81157 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
81158 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
81159 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
81160 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81161 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Clark L	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81162 355 ONLNE	-----	-	08/20/18-10/14/18	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk.This is an accelerated 8-week course that begins on August 20 and ends on October 14. Students often combine this section of Macroeconomics with the second 8-week session of Microeconomics which begins on October 22, CRN 81180. Enrolling in both sections allows the student to earn 6 credit hours of economics in a single semester.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81163 356 ONLNE	-----	-	10/22/18-12/16/18	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk.This is an accelerated 8-week course that begins on October 22 and ends on December 16. Students often combine this section of Macroeconomics with the first 8-week session of Microeconomics which begins on August 20, CRN 81179. Enrolling in both sections allows the student to earn 6 credit hours of economics in a single semester.This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
83299 357 ONLNE	-----	-	12/12/18-01/09/19	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

CRN	Days	Time	Date	Location	Instructor	Seats Open
81164 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	OCB 248	Gordon L	Closed
<i>KBOR Seamless Transfer</i>						
81165 002 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 242	Okao A	Closed
<i>KBOR Seamless Transfer</i>						
81166 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	OCB 248	Gordon L	Closed
<i>KBOR Seamless Transfer</i>						
81167 004 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 128	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
81169 006 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81170 007 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	OCB 248	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81171 008 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	OCB 246	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81172 009 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81174 011 F2F	--W---	06:00-08:50 PM	08/22/18-12/16/18	OCB 248	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
81175 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
81176 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
81177 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81178 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Brogna A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81179 354 ONLINE	-----	-	08/20/18-10/14/18	Online	Hadley S	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is an accelerated 8-week course that begins on August 20 and ends on October 14. Students often combine this section of Microeconomics with the second 8-week session of Macroeconomics which begins on October 22, CRN 81163. Enrolling in both sections allows the student to earn 6 credit hours of economics in a single semester. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81180 355 ONLINE	-----	-	10/22/18-12/16/18	Online	Hadley S	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk. This is an accelerated 8-week course that begins on October 22 and ends on December 16. Students often combine this section of Microeconomics with the first 8-week session of Macroeconomics which begins on August 20, CRN 81162. Enrolling in both sections allows the student to earn 6 credit hours of economics in a single semester. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81664 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	HCDC 128	Butler C	Closed

KBOR Seamless Transfer

81665 002 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	HCDC 128	Butler C	Closed
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KBOR Seamless Transfer

81666 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Strohschein M	Closed
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KBOR Seamless Transfer

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81667 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	HCDC 128	Keeton S	Closed
81668 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: EDUC 130 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81669 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EDUC 130 with a grade of "C" or higher and PSYC 215

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81670 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81671 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	HCDC 128	Salvato M	Closed
81672 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Salvato M	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: RDG 126 or College Reading Readiness (<http://www.jccc.edu/admissions/enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81674 001 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	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. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: EDUC 130 with a grade of "C" or higher and Prerequisite or corequisite: PSYC 215

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81675 001 F2F	--W----	12:00-01:40 PM	08/22/18-12/16/18	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. 2 hrs. lecture, 2 hrs. lab-lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80438 001 F2F	M-W----	10:00-10:50 AM	08/20/18-12/16/18	ITC 184	Cody P	Closed
	Lab M-W----	11:00-12:20 PM	08/20/18-12/16/18	ITC 184		
<i>SB 155 Excel in CTE</i>						
80439 002 F2F	-T-R---	07:00-07:50 PM	08/21/18-12/16/18	ITC 184	King M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab -T-R---	08:00-09:20 PM	08/21/18-12/16/18	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. 3 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80440 001 F2F	-T-R---	05:00-06:20 PM	08/21/18-12/16/18	ITC 188	Cody P	Closed
	Lab -----	-	08/21/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80442 001 F2F	-T-R---	11:30-12:20 PM	08/21/18-12/16/18	ITC 188	Cody P	Closed
	Lab -T-R---	12:30-01:50 PM	08/21/18-12/16/18	ITC 191A		
80443 002 F2F	-T-R---	08:30-09:20 AM	08/21/18-12/16/18	 LCCC 007	Hauptman P	Closed
	Lab -T-R---	09:30-10:50 AM	08/21/18-12/16/18	 LCCC 013		

SB 155 Excel in CTE

SB 155 Excel in CTE

80444 350 ONLINE ----- - 08/20/18-10/14/18 Online Lutz A Closed

SB 155 Excel in CTE

Note: This 8-week section is recommended to be taken followed by 82510 IT 120-351 CompTIA A+ Practical Applications 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 alutz4@jccc.edu or 913-469-8500 ext. 2213.

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. 2 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$25

Prerequisite: MATH 131 (or higher)

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80445 001 F2F	M-W----	06:30-07:20 PM	08/20/18-12/16/18	ITC 189	King M	Closed
	Lab M-W----	07:30-08:50 PM	08/20/18-12/16/18	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. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite: ELEC 134

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80446 001 F2F	-T-R---	09:00-10:20 AM	08/21/18-12/16/18	ITC 184	Fouad H	Closed
	Lab -T-R---	10:30-11:50 AM	08/21/18-12/16/18	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. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or Corequisite: ELEC 225

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80447 001 F2F	M-W----	01:30-02:50 PM	08/20/18-12/16/18	ITC 189	Cody P	Closed
	Lab M-W----	03:00-04:20 PM	08/20/18-12/16/18	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. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or corequisite: ELEC 234

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80448 001 F2F	-T-R---	12:30-01:50 PM	08/21/18-12/16/18	ITC 184	Fouad H	Closed
	Lab -T-R---	02:00-03:50 PM	08/21/18-12/16/18	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.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80449 503 INT	-----	-	08/20/18-12/16/18		Cody P	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. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80108 001 F2F	M-W----	08:30-11:20 AM	08/20/18-10/10/18	ATB 164	Randazzo C	Closed
	Lab -T-R---	08:30-11:20 AM	08/21/18-10/11/18	ATB 164		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

80109 002 F2F	M-W----	12:00-02:50 PM	08/20/18-10/10/18	ATB 127	Randazzo C	Closed
	Lab -T-R---	12:00-02:50 PM	08/21/18-10/11/18	ATB 127		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

80527 003 F2F	--W----	01:30-04:20 PM	08/22/18-12/16/18	ITC 188	Clark H	Closed
	Lab ---R---	01:30-04:20 PM	08/23/18-12/16/18	ITC 191B		

SB 155 Excel in CTE

Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

CRN	Days	Time	Date	Location	Instructor	Seats Open
82787 004 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	ATB 142	Cranston B	Closed
	Lab ---R---	06:00-08:50 PM	08/23/18-12/16/18	ATB 142		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

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. 3 hrs. integrated lecture/lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80110 001 F2F	-T-R---	09:30-11:20 AM	08/21/18-11/08/18	ATB 127	Byrnes J	Closed
80111 002 F2F	-T-R---	12:00-01:50 PM	08/21/18-11/08/18	ITC 122	Byrnes J	Closed
80531 003 F2F	-T-R---	05:00-06:20 PM	08/24/18-12/16/18	ITC 189	Retter G	Closed

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

SB 155 Excel in CTE

Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

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. 4 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Prerequisite or corequisite: ELTE 110

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80114 001 F2F	M-W----	09:30-11:20 AM	08/20/18-12/16/18	ATB 127	Byrnes J	Closed
80115 002 F2F	M-W----	12:00-01:50 PM	08/20/18-12/16/18	ATB 129	Byrnes J	Closed
82791 003 F2F	-T-R---	06:30-08:20 PM	08/21/18-12/16/18	ITC 189	Retter G	Closed

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

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

Note: This section open to AET 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). 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Associated Costs: \$100 to \$200

Prerequisite or corequisite: ELTE 110 and ELTE 115

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80112 001 F2F	M-W----	08:30-11:20 AM	10/15/18-12/05/18	ATB 164	Randazzo C	Closed
	Lab -T-R---	08:30-11:20 AM	10/16/18-12/06/18	ATB 164		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

80113 002 F2F	M-W----	12:00-02:50 PM	10/15/18-12/05/18	ATB 127	Randazzo C	Closed
	Lab -T-R---	12:00-02:50 PM	10/16/18-12/06/18	ATB 127		

SB 155 Excel in CTE

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. 2 hrs. lecture/wk, 3 hrs lab/wk.

Credit Hours: 3

Prerequisite: ELTE 115

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80117 001 F2F	--W----	05:00-06:50 PM	08/22/18-12/16/18	ATB 125	Reaser D	Closed
	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	ATB 125		

SB 155 Excel in CTE

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). 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$100 to \$200

Prerequisite: ELTE 200

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80116 001 F2F	M-----	05:00-06:50 PM	08/20/18-12/16/18	ATB 125	Byrnes J	Closed
	Lab M-----	07:00-09:50 PM	08/20/18-12/16/18	ATB 168A		
<i>SB 155 Excel in CTE</i>						
80529 002 F2F	--W----	09:30-11:20 AM	08/22/18-12/16/18	ATB 183	Clark H	Closed
	Lab ---R---	08:30-11:20 AM	08/23/18-12/16/18	ATB 168A		
<i>SB 155 Excel in CTE</i>						
Note: This section open to AET majors only						
82939 003 F2F	--W----	05:00-06:50 PM	08/22/18-12/16/18	ATB 133	Keating E	Closed
	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	ATB 168A		

SB 155 Excel in CTE

Note: This section open to AET majors only

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. 4 hrs. lecture, lab/wk. for 5 wks.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80786 001 F2F	---R---	06:00-10:00 PM	08/23/18-09/20/18	SCI 222	Hall G Dir J	Closed
<i>Accelerating Opportunity KS</i>						
80789 002 F2F	---R---	06:00-10:00 PM	09/27/18-10/25/18	SCI 222	Hall G Dir J	Closed

Accelerating Opportunity KS


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. 6 hrs. lecture, 6.5 hrs. lab/wk. for 8 wks. (average).

Note: EMS 128 may meet two or more Saturdays, dates and times TBA. 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80802 001 F2F	--WR---	12:00-03:00 PM	08/22/18-12/13/18	SCI 112	Foster C Hall G	Closed
<i>SB 155 Excel in CTE</i>						
80817 002 F2F	MTW----	06:00-10:00 PM	08/20/18-10/10/18	SCI 222	Allen D Ratliff W	Closed
<i>SB 155 Excel in CTE</i>						
80823 003 F2F	MTW----	06:00-10:00 PM	10/15/18-12/05/18	SCI 222	Allen D Ratliff W	Closed
<i>SB 155 Excel in CTE</i>						
82696 004 F2F	MT-R---	12:45-02:45 PM	08/20/18-12/13/18	 LCCC 008	Stellwagon J Osborn T	Closed
<i>SB 155 Excel in CTE</i>						
82673 005 F2F	-----S-	09:30-04:00 PM	08/25/18-12/15/18	SCI 112	Allen D Parker J	Closed
<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

Prerequisite: Successful completion of an Emergency Medical Responder or First Responder course (EMS 128) with a grade of "C" or higher or Program Director review of previous experience


Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80825 001 F2F	-T-R---	01:30-05:30 PM	08/21/18-12/13/18	SCI 101L	Biggs S	Closed
	-T-R---	01:30-05:30 PM	08/21/18-12/13/18	SCI 101M		
	-T-R---	01:30-05:30 PM	08/21/18-12/13/18	SCI 101N		
	-----	-	08/21/18-12/13/18	Online		

SB 155 Excel in CTE

CRN	Days	Time	Date	Location	Instructor	Seats Open
80826 002 F2F	-T-R---	06:00-10:00 PM	08/21/18-12/13/18	SCI 101L	Smith B Danenberg-Jones M	Closed
	-T-R---	06:00-10:00 PM	08/21/18-12/13/18	SCI 101M		
	-T-R---	06:00-10:00 PM	08/21/18-12/13/18	SCI 101N		
	-----	-	08/21/18-12/13/18	Online		

SB 155 Excel in CTE

80943 003 F2F	M-W----	06:00-10:00 PM	08/20/18-12/12/18	 LCCC 007	Osborn T Parker J	Closed
	-----	-	08/20/18-12/12/18	Online		

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Prospective students should be certified in a health profession, i.e., EMT, RN, LPN, EMT-P.

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80949 001 F2F	--W----	06:00-09:00 PM	08/22/18-12/12/18	SCI 112	Wright R	Closed

SB 155 Excel in CTE

EMS 225 - MICT II

MICT II is the second of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. This course builds on the foundational knowledge developed in MICT I and covers advanced management of medical and trauma emergencies in the out-of-hospital environment. Much material will be covered rapidly, and emphasis is on organization, internalization, synthesis and application of the basic knowledge of the discipline in this 10-week course. Students demonstrate competency at motor skill performance, and extensive simulation practice is afforded. Students begin field observation with a paramedic ambulance crew and complete an Advanced Cardiac Life Support Course. 314 hrs. integrated lecture/lab/field experience.

Credit Hours: 10

Prerequisite: EMS 220 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80679 001 F2F	MTWRF--	09:00-04:30 PM	09/17/18-12/21/18	SCI 101L	Wnek S Michel L Craig S Giegerich P	Closed
	MTWRF--	09:00-04:30 PM	09/17/18-12/21/18	SCI 101M		
	MTWRF--	09:00-04:30 PM	09/17/18-12/21/18	SCI 101N		

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. 810 hrs. integrated lecture/ lab and field/clinical experience

Credit Hours: 15

Prerequisite: EMS 230 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80956 500 INT	MTWRF--	09:00-04:30 PM	08/27/18-12/14/18	SCI 101L	Wnek S Michel L Craig S Giegerich P	Closed
	MTWRF--	09:00-04:30 PM	08/27/18-12/14/18	SCI 101M		
	MTWRF--	09:00-04:30 PM	08/27/18-12/14/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate placement test score

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80906 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	LIB 359	Harris S	Closed
80907 004 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	LIB 359	Harris S	Closed
80908 006 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	LIB 359	Harris S	Closed
80913 008 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	LIB 352	Brunner L	Closed
80909 010 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	ATB 133	Harris S	Closed
80910 012 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	RC 342	Harris S	Closed
80911 014 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	OCB 142	Workman C	Closed
80912 016 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 329	Davis D	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. 3 hrs. lecture/wk. Students must take the JCCC writing assessment test. For more information, see a JCCC counselor. This course is in a sequence of courses leading to ENGL 121.

Credit Hours: 3

Prerequisite: ENGL 102 or appropriate score on assessment test

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80916 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	LIB 353B	Lillich S	Closed
80917 002 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 122	Broomfield A	Closed
80918 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 122	Broomfield A	Closed
80919 005 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	ATB 133	Davis D	Closed
80921 007 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	ATB 133	Davis D	Closed
80922 009 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	ATB 133	Brannan R	Closed
80923 011 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	ATB 133	Brannan R	Closed
80925 012 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 130	Ferguson K	Closed
80927 013 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 124	Petrillo S	Closed
80928 015 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	LIB 357	Dixon G	Closed
83094 016 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 316	Ferguson K	Closed
81143 017 F2F	M-W-F--	03:00-03:50 PM	08/20/18-12/16/18	ATB 133	Brannan R	Closed
80929 019 F2F	M-W----	02:30-03:45 PM	08/20/18-12/16/18	LIB 352	Brunner L	Closed
80932 020 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	LIB 359	Biondo A	Closed
80934 021 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 215	Gulley B	Closed
80935 023 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 215	Gulley B	Closed
80937 025 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	LIB 359	Biondo A	Closed
80938 026 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 342	Dixon G	Closed
80940 028 F2F	-T-R---	02:30-04:00 PM	09/04/18-12/16/18	🚗 LPC D	Devictor C	Closed
80945 030 F2F	-T-R---	03:30-04:45 PM	08/21/18-12/16/18	CC 122	Hoelting M	Closed
80947 032 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 217	Hart N	Closed
80950 034 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	CC 215	Newton J	Closed
80953 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Davis D	Closed
80954 351 ONLNE	-----	-	08/20/18-12/16/18	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. Students must take the JCCC writing assessment test or submit an ACT score of 19 or higher before enrolling. For more information, see a JCCC counselor. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 106 or appropriate placement test score or both EAP 113 and EAP 117

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80987 001 F2F	M-W-F--	07:00-07:50 AM	08/20/18-12/16/18	LIB 353B	Lillich S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80988 003 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 217	McWard J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80989 004 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	ATB 133	Reynolds T	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80990 005 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 128	Karle K	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80991 006 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 215	Carriger M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
80992 007 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	LIB 357	Patch C	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
80993 010 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	LIB 357	Browning M	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80994 011 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 217	Fitzpatrick M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
80995 012 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	ATB 133	Reynolds T	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
80996 013 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 229	Gulley B	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
80997 014 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 128	Karle K	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
80998 015 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	OCB 142	Carriger M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
80999 016 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 242	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81000 020 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 217	Fitzpatrick M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81001 021 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	ATB 132	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81002 022 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 229	Gulley B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81003 023 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 122	Dixon G	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81004 024 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 238	Bell S	Closed

This section's title is **Composition I Honors**.

Accelerating Opportunity KS

KBOR Seamless Transfer

Honors Course

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 either honors@jccc.edu or 913-469-8500 ext. 2434.

81005 025 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 128	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81006 026 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 242	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81007 027 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 130	Boyer J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81008 030 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 217	Fitzpatrick M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81009 031 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	ATB 132	Werkmeister S	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81010 032 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 122	Dixon G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81011 033 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 130	Boyer J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81012 034 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 229	Pace A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81013 035 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 329	Hodgkin J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81014 036 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	ATB 134	Murtaugh D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81015 037 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 124	Frazier C	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81016 040 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 124	Frazier C	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81017 041 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 215	Pace A	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81018 042 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	LIB 359	Skidmore P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81019 043 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 128	Jackson M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81020 044 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 217	Jones N	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81021 047 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 238	Bell S	Closed

This section's title is **Composition I Honors**.

Honors Course

KBOR Seamless Transfer

Accelerating Opportunity KS

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81022 048 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 215	Way H	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81023 049 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	LIB 359	Skidmore P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81024 050 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 128	Jackson M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81025 054 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 215	Way H	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81027 057 F2F	M-W-F--	03:00-03:50 PM	08/20/18-12/16/18	CC 316	Hogan Adams M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81028 059 F2F	M-W-F--	04:00-04:50 PM	08/20/18-12/16/18	CC 122	Jackson M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81029 062 F2F	M-W----	12:00-02:50 PM	08/20/18-10/14/18	CC 122	Browning M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81030 065 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 122	Broomfield A	Closed
<i>Workplace Focus</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
Note: Students in ENGL 121-065 will research and write on career-related topics and explore workplace genres. Course objectives and competencies will be the same as for other Composition I classes and will transfer to all colleges and universities as Composition I. For further information, contact Prof. Broomfield, abroomfi@jccc.edu .						
81031 066 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 329	Jones N	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81032 069 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	HCA 119	Broomfield A	Closed
<i>Special Focus</i>						
<i>KBOR Seamless Transfer</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 .						
81033 070 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	LIB 359	Rollins T	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81034 071 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	LIB 357	Bennett S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81035 074 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	ATB 133	Brannan R	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81036 075 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	LIB 359	Rollins T	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81037 076 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 124	Davis D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81038 077 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 130	Jones N	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81039 078 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 122	Ganguly Puckett S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81040 080 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	ATB 133	Brannan R	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81041 081 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 124	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81042 082 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 122	Ganguly Puckett S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81043 085 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 124	Small J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81044 086 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 242	Senter M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81045 090 F2F	-T-R---	03:30-04:45 PM	08/21/18-12/16/18	CC 124	Small J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81046 096 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CC 314	Karle K	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81047 097 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 242	Chapman C	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81048 098 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 122	Longfellow B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81049 099 F2F	-T-----	06:00-09:05 PM	09/04/18-12/16/18	 DSH 210	Devictor C	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81050 102 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 314	Ness W	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81051 104 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 215	Newton J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81052 105 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	CC 122	Longfellow B	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81053 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Reynolds T	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81054 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81055 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Davis D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81057 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Ganguly Puckett S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81058 355 ONLNE	-----	-	08/20/18-12/16/18	Online	Ganguly Puckett S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81059 356 ONLNE	-----	-	08/20/18-12/16/18	Online	Cryer D	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81060 357 ONLNE	-----	-	08/20/18-12/16/18	Online	Cryer D	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81061 358 ONLNE	-----	-	08/20/18-12/16/18	Online	Chapman C	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81062 359 ONLNE	-----	-	08/20/18-12/16/18	Online	Cooper J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81063 360 ONLNE	-----	-	08/20/18-12/16/18	Online	Cooper J	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81064 361 ONLNE	-----	-	08/20/18-12/16/18	Online	Kern S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81065 362 ONLNE	-----	-	08/20/18-12/16/18	Online	Kern S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81066 363 ONLNE	-----	-	08/20/18-12/16/18	Online	Nelson J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81067 364 ONLNE	-----	-	08/20/18-12/16/18	Online	Nelson J	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81068 366 ONLNE	-----	-	09/10/18-12/16/18	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81069 367 ONLNE	-----	-	09/10/18-12/16/18	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81070 369 ONLNE	-----	-	10/15/18-12/09/18	Online	Heflin R	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81071 370 ONLNE	-----	-	08/20/18-10/14/18	Online	Heflin R	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81072 426 SEL	-----	-	08/20/18-12/15/19	Self Paced	Fitzpatrick M	4 of 20

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

Accelerating Opportunity KS

Note: Enrollment for ENGL 121-426 starts on July 1, 2018 and ends on October 31, 2018. For more information and permission to enroll in this self-paced class, please Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@jccc.edu.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81073 002 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	ATB 132	Cantwell D	Closed
<i>KBOR Seamless Transfer</i>						
81074 003 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 124	Carpenter W	Closed
<i>KBOR Seamless Transfer</i>						
81075 005 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 215	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
81076 006 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	ATB 132	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
81077 007 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 124	Carpenter W	Closed
<i>KBOR Seamless Transfer</i>						
81078 010 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 215	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
81079 011 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	ATB 134	Murtaugh D	Closed
<i>KBOR Seamless Transfer</i>						
81080 012 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	LIB 357	Stock J	Closed
<i>KBOR Seamless Transfer</i>						
81081 013 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	LIB 353B	Patch C	Closed
<i>KBOR Seamless Transfer</i>						
81082 015 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	LIB 357	Hogan Adams M	Closed

This section's title is **Composition II Honors**.

Honors Course

KBOR Seamless Transfer

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 either honors@jccc.edu or 913-469-8500 ext. 2434.

81083 016 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 215	Schmeer M	Closed
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KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
81084 018 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 229	Stock J	Closed
<i>KBOR Seamless Transfer</i>						
81086 021 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 217	Davis M	Closed
<i>KBOR Seamless Transfer</i>						
81087 022 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 229	Ness W	Closed
<i>KBOR Seamless Transfer</i>						
81088 024 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 217	Davis M	Closed
<i>KBOR Seamless Transfer</i>						
81091 029 F2F	M-W----	12:00-02:50 PM	10/15/18-12/09/18	CC 122	Browning M	Closed
<i>KBOR Seamless Transfer</i>						
81092 030 F2F	-T-R--	08:00-09:15 AM	08/21/18-12/16/18	CC 217	Carriger M	Closed
<i>KBOR Seamless Transfer</i>						
81093 031 F2F	-T-R--	08:00-09:15 AM	08/21/18-12/16/18	LIB 357	Bennett S	Closed
<i>KBOR Seamless Transfer</i>						
81094 033 F2F	-T-R--	09:30-10:45 AM	08/21/18-12/16/18	ATB 134	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
81095 034 F2F	-T-R--	09:30-10:45 AM	08/21/18-12/16/18	CC 217	Carriger M	Closed
<i>KBOR Seamless Transfer</i>						
81096 035 F2F	-T-R--	09:30-10:45 AM	08/21/18-12/16/18	GEB 242	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
81097 037 F2F	-T-R--	11:00-12:15 PM	08/21/18-12/16/18	ATB 134	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
81098 038 F2F	-T-R--	11:00-12:15 PM	08/21/18-12/16/18	GEB 242	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
81099 039 F2F	-T-R--	11:00-12:15 PM	08/21/18-12/16/18	CC 217	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
81100 041 F2F	-T-R--	12:30-01:45 PM	08/21/18-12/16/18	CC 130	Cryer D	Closed
<i>KBOR Seamless Transfer</i>						
81101 042 F2F	-T-R--	12:30-01:45 PM	08/21/18-12/16/18	CC 217	McBride L	Closed
<i>KBOR Seamless Transfer</i>						
81109 046 F2F	-T-R--	02:00-03:15 PM	08/21/18-12/16/18	CC 130	Cryer D	Closed
<i>KBOR Seamless Transfer</i>						
81111 048 F2F	-T-R--	03:30-04:45 PM	08/21/18-12/16/18	CC 217	McBride L	Closed
<i>KBOR Seamless Transfer</i>						
81114 050 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	ATB 134	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
81115 052 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	LIB 353B	Funari A	Closed
<i>KBOR Seamless Transfer</i>						
81116 055 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	CC 217	Hart N	Closed
<i>KBOR Seamless Transfer</i>						
81117 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Rollins T	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81118 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Rollins T	Closed
<i>KBOR Seamless Transfer</i>						
81119 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
81120 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
81121 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Jones N	Closed
<i>KBOR Seamless Transfer</i>						
81122 355 ONLNE	-----	-	08/20/18-12/16/18	Online	Bell S	Closed
<i>KBOR Seamless Transfer</i>						
81123 356 ONLNE	-----	-	08/20/18-12/16/18	Online	Lane J	Closed
<i>KBOR Seamless Transfer</i>						
81124 357 ONLNE	-----	-	08/20/18-12/16/18	Online	Lane J	Closed
<i>KBOR Seamless Transfer</i>						
81125 358 ONLNE	-----	-	08/20/18-12/16/18	Online	Paldino L	Closed
<i>KBOR Seamless Transfer</i>						
81126 359 ONLNE	-----	-	08/20/18-12/16/18	Online	Paldino L	Closed
<i>KBOR Seamless Transfer</i>						
81127 360 ONLNE	-----	-	08/20/18-12/16/18	Online	Funari A	Closed
<i>KBOR Seamless Transfer</i>						
81129 361 ONLNE	-----	-	08/20/18-12/16/18	Online	Restivo P	Closed
<i>KBOR Seamless Transfer</i>						
81130 362 ONLNE	-----	-	08/20/18-12/16/18	Online	Restivo P	Closed
<i>KBOR Seamless Transfer</i>						
81131 363 ONLNE	-----	-	09/04/18-12/16/18	Online	Workman C	Closed
<i>KBOR Seamless Transfer</i>						
81132 364 ONLNE	-----	-	09/04/18-12/16/18	Online	Workman C	Closed
<i>KBOR Seamless Transfer</i>						
81134 426 SEL	-----	-	08/20/18-12/15/19	Self Paced	Ganguly Puckett S	5 of 20

KBOR Seamless Transfer

Note: Enrollment for ENGL 122-426 starts July 1, 2018 and ends October 31, 2018. For more information or permission to enroll in this self-paced class, please contact Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at sganguly@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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

[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
80958 002 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	LIB 357	Hogan Adams M	Closed
80959 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Hogan Adams M	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

[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
80960 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	LIB 357	Hogan Adams M	Closed
<i>KBOR Seamless Transfer</i>						
80961 005 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 314	Reynolds T	Closed
<i>KBOR Seamless Transfer</i>						
80962 007 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	LIB 352	Scanlan T	Closed
<i>KBOR Seamless Transfer</i>						
<i>Special Focus</i>						
Note: ENGL 130-007 emphasizes Russian Literature from the ninth century to the present day. Students examine representative examples of Russian fiction, poetry, and drama. For more information, please contact the instructor, Tatiana Scanlan, tscanla1@jccc.edu .						
80964 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Gulley B	Closed
<i>KBOR Seamless Transfer</i>						
80963 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Jones N	Closed
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisite: ENGL 121

[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
80966 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Fitzpatrick M	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 30

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80967 002 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 217	Schmeer M	Closed

ENGL 215 - U.S. Latino and Latina Literature

This course introduces students to texts by U.S. writers of Hispanic descent or origin. Written primarily in English, the texts may include fiction, non-fiction, poetry, drama and/or film. The readings, discussions and related writing projects will emphasize the relationship between mainstream America and borderland writers; explore the cultural and artistic context of the writers and their works; recognize and assess the use of major narrative and rhetorical strategies; and stimulate consideration of issues surrounding assimilation, identity formation, code-switching and cultural hybridity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80968 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Werkmeister S	Closed

ENGL 217 - Literature by Women

This survey course introduces students to a representative sample of texts created by women from the mid-seventeenth century to present. Using the lens of gender, students will explore the social, historical, political and cultural contexts relevant to the literature. Further, students will identify significant literary devices and genres as employed by these authors. The course will emphasize the dynamic relationship between the literature and its contexts. 3 hr. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_217)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80969 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Hogan Adams M	Closed

ENGL 223 - Creative Writing

Students will study and practice writing in two or three of the major literary modes of writing: poetry, fiction, and possibly drama. The reading assignments are based on the premise that, to be a good writer, students must have knowledge of literary techniques and be perceptive readers and critics. Students will examine techniques of two or possibly three of the literary genres and then apply their knowledge to write in each genre. In

addition, they will read other students' work and provide useful feedback on that work. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0-\$75

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80970 002 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	ATB 134	Luthi G	Closed
80971 004 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 128	Bell S	Closed
80972 007 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 221A	Schmeer M	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80973 002 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 314	Reynolds T	Closed

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 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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80974 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 124	Browning M	Closed
80976 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Davis D	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80977 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 242	Senter M	Closed
80978 003 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 242	Senter M	Closed
80979 005 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 242	Hodgkin J	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80981 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	ATB 134	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. 3hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80983 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Browning M	Closed

ENGL 250 - World Masterpieces

World Masterpieces introduces students to literary study using major literary works composed from the times of Homer to Shakespeare that have been influential in shaping and expressing values of Western culture. Students will read selections representative of the epic, tragic, comic and lyric traditions primarily to gain knowledge of the works assigned. In addition, students will analyze the assigned texts as literary works and as cultural artifacts and influences. Finally, students will compare and contrast contemporary understandings of the individual and society with those expressed in the works studied. In completing the course objectives, students will learn the conventions of writing about literature and become familiar with general reference materials useful in studying literature. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80984 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Harris 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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80985 350 ONLINE	-----	-	08/20/18-12/16/18	Online	McWard J	Closed

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. 3 hrs. lecture, 4 hrs. open lab/wk.

Credit Hours: 4

Prerequisite or corequisite: MATH 130 or MATH 171 or MATH 172 or MATH 173 or MATH 241

Outline (http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80293 001 F2F	Lab -----	-	08/20/18-12/16/18	ITC 124	Johnson S	Closed
	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	ITC 181		

ENGR 251 - Statics

Upon successful completion of this course, the student should be able to describe and predict the conditions of rest and motion of bodies under the action of forces. The principles used will include vectors, force systems, equilibrium, free body diagram, centroids, moments of inertia, trusses, frame, and shear and moment diagrams. This course is typically offered in the summer and fall semesters. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 242 and Prerequisite or Corequisite: PHYS 220

Outline (http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80295 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82178 002 F2F	-T-----	02:00-05:10 PM	10/16/18-12/04/18	RC 342	Magnant J	Closed
82179 350 ONLNE	-----	-	08/20/18-10/14/18	Online	Grandgenett C	Closed
82180 351 ONLNE	-----	-	10/15/18-12/09/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82181 001 F2F	M-----	01:00-05:40 PM	10/15/18-12/09/18	RC 342	Magnant J	Closed
82182 350 ONLNE	-----	-	08/20/18-10/14/18	Online	Magnant J	Closed

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. This course is required for the associate of applied science degree and the vocational certificate in business. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82183 350 ONLNE	-----	-	08/20/18-10/14/18	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. This course is required for the associate of applied science degree in business entrepreneurship. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82185 350 ONLINE	-----	-	10/15/18-12/09/18	Online	Gallagher K	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.

Credit Hours: 1

Prerequisite: department approval

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82186 500 INT	-----	-	08/20/18-12/16/18		Magnant J	24 of 25

ENTR 215 - Entrepreneurship Internship II

Upon the successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. A minimum of 240 hours of on-the-job training is required. This course is required for an associate of applied science degree in business entrepreneurship. Either BUSE 210 or ENTR 210, Entrepreneurship Internship I, or BUSE 215 or ENTR 215, Entrepreneurship Internship II is required for a vocational certificate in business entrepreneurship.

Credit Hours: 1

Prerequisites: ENTR 210 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82187 500 INT	-----	-	08/20/18-12/16/18		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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENR_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82188 350 ONLINE	-----	-	10/15/18-12/09/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82020 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	11:00-12:20 PM	08/20/18-12/16/18	OCB 374	Benjamin B	Closed
82019 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	09:30-10:50 AM	08/21/18-12/16/18	OCB 374	Benjamin B	Closed
82045 350 ONLINE <i>SB 155 Excel in CTE</i>	-----	-	08/20/18-12/16/18	Online	Benjamin B	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82018 001 F2F <i>SB 155 Excel in CTE</i>	M-W----	09:30-10:50 AM	08/20/18-12/16/18	OCB 374	Michaelis A	Closed
82021 002 F2F <i>SB 155 Excel in CTE</i>	-T-R---	11:00-12:20 PM	08/21/18-12/16/18	OCB 374	Michaelis A	Closed

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82047 001 F2F	M-W----	01:00-03:50 PM	08/20/18-12/16/18	OCB 306	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						
82031 002 F2F	-T-R---	02:00-04:50 PM	08/21/18-12/16/18	OCB 306	Peter S	Closed
<i>SB 155 Excel in CTE</i>						
82034 003 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	OCB 306	Delaney G	Closed
<i>SB 155 Excel in CTE</i>						
83102 004 F2F	----F--	11:00-05:00 PM	08/24/18-12/16/18	OCB 306	Delaney G	Closed
<i>SB 155 Excel in CTE</i>						

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. This course is a suggested elective for the Fashion Merchandising program. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Prerequisite: FASH 123 or two years of high school apparel construction training or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82030 001 F2F	-T-R---	11:00-01:50 PM	08/21/18-12/16/18	OCB 306	Behnen M	Closed
<i>SB 155 Excel in CTE</i>						
82032 002 F2F	----F--	11:00-05:00 PM	08/24/18-12/16/18	OCB 306	Delaney G	Closed
<i>SB 155 Excel in CTE</i>						
82035 003 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	OCB 306	Delaney G	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82039 001 F2F	-T-R---	10:30-11:50 AM	08/21/18-12/16/18	GEB 354	Lykens C	Closed
<i>SB 155 Excel in CTE</i>						
82041 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 354	Thacker W	Closed
<i>SB 155 Excel in CTE</i>						

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$80

Prerequisite: FASH 131

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82024 001 F2F	-T-R---	02:00-04:50 PM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82022 001 F2F	M-W----	01:00-02:20 PM	08/20/18-12/16/18	OCB 374	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 150

Prerequisite: FASH 123

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82042 001 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	GEB 354	Lapping J	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Prerequisite: FASH 122

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82023 001 F2F	-T-R---	12:30-01:50 PM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82025 001 F2F	-T-R---	05:30-06:50 PM	08/20/18-12/16/18	OCB 374	Hillen D	Closed

SB 155 Excel in CTE

82046 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Hillen D	Closed
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SB 155 Excel in CTE

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. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82028 001 F2F	-T-R---	09:00-10:50 AM	08/21/18-12/16/18	OCB 306	Michaelis A	Closed

SB 155 Excel in CTE

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. 4 hrs. Integrated

lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 124 and FASH 131

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_190)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82029 001 F2F	M-W----	11:00-12:50 PM	08/20/18-12/16/18	OCB 306	Michaelis A	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82040 001 F2F	-T-R---	01:00-02:20 PM	08/21/18-12/16/18	GEB 354	Benjamin B	Closed
82044 350 ONLINE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82061 001 F2F	M-W----	02:30-03:50 PM	08/20/18-12/16/18	OCB 374	Reynolds J	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82038 001 F2F	-T-R---	09:00-10:20 AM	08/21/18-12/16/18	GEB 354	Lykens C	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. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FASH 123 and FASH 130 and FASH 131 and FASH 133

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82026 001 F2F	M-W----	09:00-10:50 AM	08/20/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82037 960 F2F	-T-R---	12:00-12:50 PM	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82048 500 INT	-----	-	08/20/18-12/16/18		Rhodes J	15 of 30

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 administrated by the University of Kansas, Fire and Rescue Training Institute. 15 hrs. integrated lecture/lab/wk.

Credit Hours: 12

Prerequisite: Department approval (Selective Application, call 913-469-4405 for more information)

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81197 001 F2F	-TWR---	05:30-09:10 PM	08/21/18-12/16/18	 OPF	Thomas N Wigginton T Foster M Crain B Wells B Heideman J	Closed
	-----S-	08:30-12:30 PM	08/25/18-12/16/18	 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. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81198 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81199 351 ONLNE	-----	-	08/20/18-12/16/18	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. This course is typically taught in the fall semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81200 351 ONLINE	-----	-	08/20/18-12/16/18	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. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82050 001 F2F	-T-R---	09:00-11:10 AM	08/21/18-12/16/18	GEB 256	Kelley T	Closed
82051 002 F2F	-T-R---	02:00-04:10 PM	08/21/18-12/16/18	GEB 254	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. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82072 001 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	CC 224	Wolff C	Closed
<i>KBOR Seamless Transfer</i>						
82075 002 F2F	M-W-F--	09:00-10:25 AM	08/20/18-12/16/18	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
82080 003 F2F	M-W-F--	12:00-01:25 PM	08/20/18-12/16/18	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
82084 004 F2F	M-W-F--	02:00-03:25 PM	08/20/18-12/16/18	CC 224	Sommerville S	Closed
<i>KBOR Seamless Transfer</i>						
82093 005 F2F	M-W----	06:00-08:10 PM	08/20/18-12/16/18	CC 331	Thornton S	Closed
<i>KBOR Seamless Transfer</i>						
82096 006 F2F	-T-R---	08:30-10:45 AM	08/21/18-12/16/18	CC 224	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
82097 007 F2F	-T-R---	12:00-02:10 PM	08/21/18-12/16/18	CC 224	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
82103 009 F2F	-T-R---	06:00-08:20 PM	09/04/18-12/16/18	CC 344	Sommerville A	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
82104 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Sommerville S	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 5 days of enrolling. For more information, contact Sam Sommerville at ssommerv@jccc.edu or 913-469-8500, ext. 4586.

82105 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Wolff C	Closed
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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. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 130 with a grade of "C" or higher or two years of high-school Spanish; or the appropriate score on the placement test

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82107 001 F2F	M-W-F--	08:30-09:55 AM	08/20/18-12/16/18	GEB 281	Hillen J	Closed
<i>KBOR Seamless Transfer</i>						
82112 002 F2F	M-W----	02:00-04:20 PM	09/05/18-12/16/18	GEB 311	Hillen J	Closed
<i>KBOR Seamless Transfer</i>						
82114 003 F2F	-T-R---	06:00-08:10 PM	08/21/18-12/16/18	GEB 281	Finnie J	Closed

KBOR Seamless Transfer

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. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82116 001 F2F	M-W-F--	10:00-11:25 AM	08/20/18-12/16/18	GEB 281	Funaro J	Closed
<i>KBOR Seamless Transfer</i>						
82117 002 F2F	M-W----	06:00-08:20 PM	09/05/18-12/16/18	GEB 281	Funaro J	Closed

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. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 140 or one year of high-school French

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82119 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Funaro J	Closed

KBOR Seamless Transfer

Note: Students should possess strong computer skills, be self-motivated and be independent learners. Students will do regular online homework assignments and assessments. They will also meet virtually in small groups with the instructor twice every week for speaking and listening practice. These meetings, which will be scheduled with the instructor at the beginning of the semester, will require a computer with a microphone and camera. Students will also take regular speaking and listening quizzes virtually. Midterm and final exams will be taken on campus at the JCCC Testing Center or at an approved, proctored testing site. For more information contact Janette Funaro, 913-469--8500, ext. 3457.

FL 150 - Elementary Russian I

In this course, students will learn the basic sounds, vocabulary and structural patterns of Russian. Emphasis will be on listening comprehension, speaking, reading and writing skills. Cultural material will be included. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82120 001 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	CC 323	Scanlan T	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. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82122 002 F2F	M-W-F--	12:30-01:55 PM	08/20/18-12/16/18	CLB 405	James E	Closed
82123 003 F2F	-T-R---	07:00-09:10 PM	08/21/18-12/16/18	CC 323	Grass K	Closed

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. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 170 or one year of high-school Japanese

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82124 001 F2F	M-W----	06:00-08:10 PM	08/20/18-12/16/18	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. 6 hrs. integrated lecture-lab/wk. 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81633 001 F2F	M-W-F--	12:00-01:50 PM	08/20/18-12/16/18	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
81634 002 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	GEB 215	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						
81635 003 F2F	-T-R---	11:00-01:50 PM	08/21/18-12/16/18	GEB 215	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
81636 004 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
81637 005 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	CC 324	Latini T	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. 6 hrs. integrated lecture-lab/wk. FL 181 and ASL 121 are the same course. Do not enroll in both.

Credit Hours: 3

Prerequisite: FL 180 or INTR 120 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81638 001 F2F	M-W-F--	01:00-02:50 PM	08/20/18-12/16/18	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
81639 002 F2F	-T-R---	06:00-08:50 PM	08/21/18-12/16/18	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						

FL 183 - Intermediate Japanese II

This course is a continuation of FL 182, 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 be stressed also. This course is typically taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL182 or three years of high-school Japanese and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_183)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82127 001 F2F	M-W----	07:00-09:10 PM	08/20/18-12/16/18	OCB 332	Grass K	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 121 or two years of high-school German

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82128 001 F2F	-T-R---	12:00-01:15 PM	08/21/18-12/16/18	CC 312	Magnuson K	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FL 131 with a grade of "C" or higher or three years of high-school Spanish or the appropriate score on the placement test

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82129 001 F2F	M-W----	12:00-01:15 PM	08/20/18-12/16/18	CC 323	Perriguet-Keene H	Closed
<i>KBOR Seamless Transfer</i>						
82130 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	SCI 122	Schmidt I	Closed
<i>KBOR Seamless Transfer</i>						
82131 003 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 331	Gonzalez E	Closed
<i>KBOR Seamless Transfer</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 230 with a grade of "C" or higher or or four years of high-school Spanish or the appropriate score on the placement test

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82132 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 331	Gonzalez E	Closed
82133 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CC 344	Sommerville A	Closed

FL 234 - Conversational Spanish

This course enhances students' ability to express themselves orally in Spanish through vocabulary building and reiteration of essential grammatical structures. The vocabulary emphasizes everyday life situations and current events. Placement test recommended: can be taken in the Testing Center. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: FL 230 with a grade of "B" or higher; or FL 231 with a grade of "C" or higher; or four years of high-school Spanish; or the score equivalent to FL 231 on the placement test

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82134 001 F2F	M-W----	12:00-12:59 PM	09/05/18-12/16/18	CC 324	Sommerville S	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 141 or two years of high-school French

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82135 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 281	Verzhbyska I	Closed

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. 6 hrs. integrated lecture/lab/wk. INTR 122, FL 270 and ASL 122 are the same courses; only enroll in one.

Note: FL 270 and INTR 122 are the same course, do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 40

Prerequisite: FL 181 or INTR 121

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81640 001 F2F	M-W-F--	08:00-09:50 AM	08/20/18-12/16/18	GEB 215	Luton D	Closed
81641 002 F2F	M-W----	06:00-08:50 PM	08/20/18-12/16/18	GEB 311	Kuhns K	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FL_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83021 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	SCI 122	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. 2 hrs. lecture 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82287 001 F2F	-T-----	09:00-10:50 AM	08/21/18-12/16/18	HSC 121	Ryan D	Closed
	---R---	09:00-11:50 AM	08/23/18-12/16/18	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. 2 hrs lecture, 3 instructional lab hrs/wk.

Credit Hours: 3

Associated Costs: \$100

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82289 001 F2F	-T-----	12:00-01:50 PM	08/21/18-12/16/18	HSC 121	Ryan D	Closed
	---R---	12:00-02:50 PM	08/23/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fms/#FMS_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81497 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	OCB 142	Hughes T	Closed
81501 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	HCA 117	Hughes T	Closed

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Outline (http://catalog.jccc.edu/coursedescriptions/fms/#FMS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81505 001 F2F	M-W----	08:00-10:50 AM	08/20/18-12/16/18	ATB 139	Smith A	Closed
81510 002 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 135	Hughes T	Closed

FMS 275 - Introduction to Film and Media Production

This is an introduction to basic film and media production. In this course, you will become familiar with basic technical and aesthetic practices through hands-on production exercises and projects. You will finish the course with a solid understanding of single-camera technique, set operations, fiction and non-fiction filmmaking processes, and emerging trend in filmmaking as an art form. You will learn to how to articulate your experiences, ideas and images cinematically, and how to collaborate with your peers to produce good work. The holistic intent of the class is to create film and media that gives viewers an emotional, intellectual or visceral experience. The assignments in this course are geared toward learning to construct effective film and media experiences and learning the specific technologies and practices to translate concepts and artistic intentions to screen or projection. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$0 to \$150

Prerequisite: FMS 100 **Prerequisite or Corequisite:** FMS 200

Outline (http://catalog.jccc.edu/coursedescriptions/fms/#FMS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81511 001 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 139	Hughes T	Closed

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. 3 hrs lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82074 001 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	RC 378	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						
82076 350 ONLNE	-----	-	08/20/18-12/16/18	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. 1hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82078 001 F2F	M-----	01:00-01:50 PM	08/20/18-12/16/18	RC 378	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
82081 002 F2F	-T-----	11:30-12:20 PM	08/21/18-12/16/18	RC 378	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						
82082 003 F2F	---R---	11:30-12:20 PM	08/23/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82083 001 F2F	M-W----	10:00-11:15 AM	08/20/18-12/16/18	RC 378	Seymour T	Closed
<i>SB 155 Excel in CTE</i>						
82085 002 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
82086 003 F2F	-T-R---	10:00-11:15 AM	08/21/18-12/16/18	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
82088 004 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
82089 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Lane L	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. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82090 001 F2F	M-W----	02:00-03:50 PM	08/20/18-12/16/18	OCB 106	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						

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. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisite: GAME 120

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82106 002 F2F	M-W----	10:00-11:45 AM	08/20/18-12/16/18	OCB 106	Fleming R	Closed
<i>SB 155 Excel in CTE</i>						

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. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 121 **Corequisite:** CS 236

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82108 001 F2F	-T-R---	04:00-06:20 PM	08/21/18-12/16/18	RC 378	Smith S	Closed

SB 155 Excel in CTE

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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82109 001 F2F	M-W----	04:00-04:50 PM	08/20/18-12/16/18	OCB 106	Fleming R	Closed

SB 155 Excel in CTE

82110 002 F2F	M-W----	05:00-05:50 PM	08/20/18-12/16/18	OCB 106	Fleming R	Closed
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SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20-\$50

Prerequisites: GAME 105 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82111 376 HYB	M-----	12:00-01:50 PM	08/20/18-12/16/18	OCB 106	Hanna R	Closed
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

82113 377 HYB	--W----	12:00-01:50 PM	08/22/18-12/16/18	OCB 106	Hanna R	Closed
	-----	-	08/22/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$40 to 50

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81321 001 F2F	-T-----	07:00-09:45 PM	08/21/18-08/21/18	LIB 312	Hawkins P	Closed
	---R---	07:00-09:45 PM	08/23/18-08/23/18	GEB 233		
	-T-----	07:00-09:45 PM	09/04/18-09/04/18	LIB 312		
	---R---	07:00-09:45 PM	09/06/18-09/06/18	GEB 233		
	-T-----	07:00-09:45 PM	09/18/18-09/18/18	LIB 312		
	---R---	07:00-09:45 PM	09/20/18-09/20/18	GEB 233		
	-T-----	07:00-09:45 PM	10/02/18-10/02/18	LIB 312		
	---R---	07:00-09:45 PM	10/04/18-10/04/18	GEB 233		
	-T-----	07:00-09:45 PM	10/16/18-10/16/18	LIB 312		
	---R---	07:00-09:45 PM	10/18/18-10/18/18	GEB 233		
	-T-----	07:00-09:45 PM	10/30/18-10/30/18	LIB 312		
	---R---	07:00-09:45 PM	11/01/18-11/01/18	GEB 233		
	-T-----	07:00-09:45 PM	11/13/18-11/13/18	LIB 312		
	---R---	07:00-09:45 PM	11/15/18-11/15/18	GEB 233		
	-T-----	07:00-09:45 PM	12/04/18-12/04/18	LIB 312		
	---R---	07:00-09:45 PM	12/06/18-12/06/18	GEB 233		
81322 002 F2F	---R---	07:00-09:45 PM	08/23/18-08/23/18	GEB 233	Hawkins P	Closed
	-T-----	07:00-09:45 PM	08/28/18-08/28/18	LIB 312		
	---R---	07:00-09:45 PM	09/06/18-09/06/18	GEB 233		
	-T-----	07:00-09:45 PM	09/11/18-09/11/18	LIB 312		
	---R---	07:00-09:45 PM	09/20/18-09/20/18	GEB 233		
	-T-----	07:00-09:45 PM	09/25/18-09/25/18	LIB 312		
	---R---	07:00-09:45 PM	10/04/18-10/04/18	GEB 233		
	-T-----	07:00-09:45 PM	10/09/18-10/09/18	LIB 312		
	---R---	07:00-09:45 PM	10/18/18-10/18/18	GEB 233		
	-T-----	07:00-09:45 PM	10/23/18-10/23/18	LIB 312		
	---R---	07:00-09:45 PM	11/01/18-11/01/18	GEB 233		
	-T-----	07:00-09:45 PM	11/06/18-11/06/18	LIB 312		
	---R---	07:00-09:45 PM	11/15/18-11/15/18	GEB 233		
	-T-----	07:00-09:45 PM	11/20/18-11/20/18	LIB 312		
	---R---	07:00-09:45 PM	12/06/18-12/06/18	GEB 233		
	-T-----	07:00-09:45 PM	12/11/18-12/11/18	LIB 312		

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 120 and ART 124 and CDTP 135 and CDTP 140 and CDTP 145

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81323 001 F2F	--W----	01:30-06:45 PM	08/22/18-12/16/18	LIB 311	Erickson-Harper T	Closed
<i>SB 155 Excel in CTE</i>						
81324 002 F2F	-T-----	01:30-06:45 PM	08/21/18-12/16/18	LIB 311	Brigham P	Closed
<i>SB 155 Excel in CTE</i>						
81325 003 F2F	----S-	08:00-01:15 PM	08/25/18-12/16/18	LIB 311	Toller T	Closed
<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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 130

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81326 001 F2F	---R---	01:30-06:45 PM	08/23/18-12/16/18	LIB 311	Erickson-Harper T	Closed
<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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: ART 124 and GDES 120 and CDTP 135 and CDTP 140 and CDTP 145

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81327 001 F2F	M-W----	07:00-09:45 PM	08/20/18-12/16/18	LIB 346	Rice E	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
81328 002 F2F	M-----	01:30-06:45 PM	08/20/18-12/16/18	LIB 346	Jones R	Closed
<i>SB 155 Excel in CTE</i>						
81329 003 F2F	--W----	01:30-06:45 PM	08/22/18-12/16/18	LIB 346	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: PHOT 121 and CDTP 135 and CDTP 140 and CDTP 145

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81330 001 F2F	-T-R---	07:00-09:45 PM	08/21/18-12/16/18	LIB 346	Ashley D	Closed
<i>SB 155 Excel in CTE</i>						
81331 002 F2F	--W----	08:00-01:15 PM	08/22/18-12/16/18	LIB 342	Kidwell M	Closed
<i>SB 155 Excel in CTE</i>						
82812 003 F2F	---R---	01:30-06:45 PM	08/23/18-12/16/18	LIB 342	Nemer T	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. This course is typically taught in the fall semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 131 and GDES 132 and GDES 134

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81332 001 F2F	--W----	01:30-06:45 PM	08/22/18-12/16/18	LIB 342	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
81333 002 F2F	-T-----	08:00-01:15 PM	08/21/18-12/16/18	LIB 342	Hetler C	Closed
<i>SB 155 Excel in CTE</i>						
81334 003 F2F	M-----	01:30-06:45 PM	08/20/18-12/16/18	LIB 311	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 134

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81335 001 F2F	-T-----	01:30-06:45 PM	08/21/18-12/16/18	LIB 342	Wilson N	Closed
<i>SB 155 Excel in CTE</i>						
81336 002 F2F	---R---	08:00-01:15 PM	08/23/18-12/16/18	LIB 342	Neuman C	Closed
<i>SB 155 Excel in CTE</i>						
81337 003 F2F	-T-R---	07:00-09:45 PM	08/21/18-12/16/18	LIB 342	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. This course is typically offered in the fall semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 134 and GDES 140

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81338 001 F2F	-T-----	08:00-01:15 PM	08/21/18-12/16/18	LIB 346	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
81339 002 F2F	---R---	08:00-01:15 PM	08/23/18-12/16/18	LIB 346	Coppess J	Closed
<i>SB 155 Excel in CTE</i>						
81340 003 F2F	M-W----	07:00-09:45 PM	08/20/18-12/16/18	LIB 342	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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235 Prerequisite: The student must have completed all required studio courses in the graphic design program prior to the semester for which he or she is enrolling in this course or be co-enrolled in all fourth-semester studio courses.

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81341 001 F2F	M-----	01:30-06:45 PM	08/20/18-12/16/18	LIB 342	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.

Credit Hours: 1

Associated Costs: \$50 to 100

Prerequisite: Graphic design faculty review committee approval

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81342 501 INT	-----	-	08/20/18-12/16/18		Wilson N	6 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. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80329 001 F2F	M-W----	09:00-10:50 AM	08/20/18-12/16/18	CLB 405	Beatty L	Closed
	Lab M-W----	11:00-12:20 PM	08/20/18-12/16/18	CLB 411		
<i>KBOR Seamless Transfer</i>						
80331 002 F2F	-T-R---	10:00-11:50 AM	08/21/18-12/16/18	CLB 405	Beatty L	Closed
	Lab -T-R---	12:00-01:20 PM	08/21/18-12/16/18	CLB 411		
<i>KBOR Seamless Transfer</i>						
80332 050 F2F	-T-R---	06:00-07:50 PM	08/21/18-12/16/18	CLB 405	Frederick B	Closed
	Lab -T-R---	08:00-09:20 PM	08/21/18-12/16/18	CLB 411		

KBOR Seamless Transfer

Mandatory Classroom Meetings

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80334 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 412	Harty J	Closed
80335 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 412	Maher J	Closed
80338 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Beatty L	Closed
80340 351 ONLNE	-----	-	09/04/18-12/16/18	Online	Maher J	Closed

Note: Late Start Course

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. 4 hrs. lab/wk.

Credit Hours: 2

Prerequisite or corequisite: GEOS 140 or the equivalent

Outline (http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80341 001 F2F	M-W----	01:00-02:50 PM	08/20/18-12/16/18	CLB 411	Maher J	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80342 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
80346 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
80344 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
80345 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
80347 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Meledge-Ade V	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80348 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Anderson C	Closed
<i>KBOR Seamless Transfer</i>						
80349 352 ONLNE	-----	-	09/04/18-12/16/18	Online	Roberts C	Closed
<i>KBOR Seamless Transfer</i>						
Note: Late Start Course						
83267 365 ONLNE	-----	-	12/12/18-01/09/19	Online	Roberts C	Closed
<i>KBOR Seamless Transfer</i>						

Global & International Studies

GIST 250 - Introduction to Globalization

This course will provide students with the origins and current implications of globalization. In this course, students will examine the question "what is globalization?" The topics covered include economic and political globalization as well as global security, culture and environmental issues. The goal of this course is to introduce students to the variation in global issues that influence national policy and our daily lives. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/gist/#GIST_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81805 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Patterson T	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hc/#HC_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81560 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Summers S	Closed
81564 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Summers S	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

CRN	Days	Time	Date	Location	Instructor	Seats Open
82566 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Olsen R	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
82567 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Olsen R	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
82568 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Olsen R	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
83261 360 ONLINE	-----	-	12/12/18-01/09/19	Online	Clark M	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
Note: This is an online course only. No class meetings on campus are required.						
82391 380 HYB	M-----	06:00-07:30 PM	08/27/18-12/10/18	CC 329	Kono S	Closed
	-----	-	08/27/18-12/10/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
82396 381 HYB	---R---	06:00-07:30 PM	08/23/18-12/13/18	CC 329	Kono S	Closed
	-----	-	08/23/18-12/13/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
82394 382 HYB	-T----	06:00-07:30 PM	08/21/18-12/11/18	CC 329	Kono S	Closed
	-----	-	08/21/18-12/11/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
82565 383 HYB	--W----	10:30-12:00 PM	08/22/18-12/12/18	 OHEC 217	Wilson D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82572 384 HYB	----S-	09:00-10:30 AM	08/25/18-12/15/18	SCI 122	Talbert K	Closed
	-----	-	08/25/18-12/15/18	Online		
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
83056 385 F2F	---F--	12:45-02:45 PM	08/24/18-12/14/18	 LCCC 008	Osborn T	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</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. 3 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Associated Costs: \$20

Prerequisite: Selective admissions approval **Corequisite:** HCI 120

Outline (http://catalog.jccc.edu/coursedescriptions/hci/#HCI_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81648 001 F2F	-T-R---	05:30-06:55 PM	08/21/18-12/16/18	 KUCRC	Groneman B	Closed

SB 155 Excel in CTE


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. 2 hrs. lecture/wk. This course is taught in the fall semester only.

Credit Hours: 3

Prerequisite: Selective admissions approval **Corequisite:** HCI 110

Outline (http://catalog.jccc.edu/coursedescriptions/hci/#HCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81649 001 F2F	-T-R---	07:00-08:25 PM	08/21/18-12/16/18	 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. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: Selective admissions approval and HC 130 and HCI 130 and HCI 140 **Prerequisite or Corequisite:** HC 101 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81650 500 INT	-T-----	04:30-05:25 PM	08/21/18-12/16/18	 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.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82136 350 ONLINE	-----	-	08/20/18-09/17/18	Online	Cipolla C	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82138 350 ONLINE	-----	-	08/20/18-09/17/18	Online	Fuller M	Closed

SB 155 Excel in CTE

82139 351 ONLINE	-----	-	10/29/18-11/26/18	Online	Lingerfelt D	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82140 350 ONLINE	-----	-	09/24/18-10/22/18	Online	Waldschmidt H	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82141 350 ONLNE	-----	-	08/20/18-09/17/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82318 350 ONLNE	-----	-	08/20/18-09/17/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82319 350 ONLNE	-----	-	09/24/18-10/22/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82320 350 ONLNE	-----	-	10/29/18-11/26/18	Online	Lingerfelt C	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82146 350 ONLINE	-----	-	09/24/18-10/22/18	Online	Lingerfelt C	Closed
82147 351 ONLINE	-----	-	10/29/18-11/26/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82148 350 ONLINE	-----	-	09/24/18-10/22/18	Online	Foley S	Closed
<i>SB 155 Excel in CTE</i>						
82149 351 ONLINE	-----	-	10/29/18-11/26/18	Online	Foley S	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82154 350 ONLINE	-----	-	09/24/18-10/22/18	Online	Lingerfelt C	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82155 350 ONLINE	-----	-	08/20/18-09/17/18	Online	Cipolla C	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82157 350 ONLINE	-----	-	09/24/18-10/22/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82321 350 ONLINE	-----	-	10/29/18-11/26/18	Online	Lingerfelt C	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81415 351 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81416 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 279	Taylor D	Closed
81417 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 279	Dobson P	Closed
81418 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 279	Stockton W	Closed
81420 202 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	GEB 279	Roberts M	Closed

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. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81422 002 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 279	Harward S	Closed
81423 201 F2F	--W----	06:00-09:00 PM	09/05/18-12/16/18	GEB 279	Roberts M	Closed

HIST 129 - Early Modern Europe 1500-1789

This course is an introduction to early modern European history, with emphasis on the economic, social and political developments that have shaped the modern world: the Renaissance; the Catholic and Protestant Reformations; the rise of nation-states; the new inter-cultural contact between Europe and the world; the Commercial Revolution and the Enlightenment. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81451 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 279	Harward S	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81452 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 279	Stockton W	Closed
81454 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Boucher D	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81455 201 F2F	M-----	06:00-09:00 PM	09/10/18-12/16/18	CC 126A	Leiker J	Closed

This course fulfills KU Core Advanced Education Goal 4, Outcome 1 (AE 4.1) Culture and Diversity, U.S. Diversity

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81456 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 126A	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
81457 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 126A	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
81458 003 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 126A	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
81459 004 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
81460 005 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
81461 006 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 126A	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
81462 007 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 126B	Antle J	Closed
<i>KBOR Seamless Transfer</i>						
81467 008 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 126B	Leiker J	Closed
<i>KBOR Seamless Transfer</i>						
81468 009 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 126A	McWilliams R	Closed
<i>KBOR Seamless Transfer</i>						
81471 201 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	CC 126A	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						
81473 202 F2F	--W----	06:00-09:00 PM	09/05/18-12/16/18	CC 126A	Arndt Helgesen V	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81474 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
81476 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
81480 353 ONLINE	-----	-	08/20/18-12/16/18	Online	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
81481 354 ONLINE	-----	-	08/20/18-12/16/18	Online	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
83202 355 ONLINE	-----	-	10/15/18-12/09/18	Online	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
83278 356 ONLINE	-----	-	12/12/18-01/09/19	Online	Harvey D	Closed
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81496 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
81498 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 126B	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
81499 003 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 126B	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
81500 004 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 126B	Rider J	Closed
<i>KBOR Seamless Transfer</i>						
81502 005 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 126B	Rider J	Closed
<i>KBOR Seamless Transfer</i>						
81503 006 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
81504 007 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
81507 009 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 126A	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
81508 010 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 126A	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
81509 011 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81512 012 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
81513 201 F2F	M-----	06:00-09:00 PM	09/10/18-12/16/18	CC 126B	Thompson M	Closed
<i>KBOR Seamless Transfer</i>						
81515 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
81523 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
81524 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
81525 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Mischka S	Closed
<i>KBOR Seamless Transfer</i>						
82591 355 ONLNE	-----	-	08/20/18-12/16/18	Online	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
83203 356 ONLNE	-----	-	10/15/18-12/09/18	Online	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						
83279 358 ONLNE	-----	-	12/12/18-01/09/19	Online	Mack J	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81526 001 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 213	Stockton W	Closed

This course fulfills KU Core General Education Goal 3, Category 1 (GE3H) - Breadth of Knowledge, Arts and Humanities.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81527 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Bevell Hull M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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This course fulfills KU Core Advanced Education Goal 4, Outcome 2 (AE 4.2) - Culture and Diversity, Global Perspective.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81528 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 213	Stockton W	Closed
<i>KBOR Seamless Transfer</i>						
81529 201 F2F	---R---	06:00-09:00 PM	09/06/18-12/16/18	GEB 279	Davidson S	Closed
<i>KBOR Seamless Transfer</i>						
81530 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
81531 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Mack J	Closed
<i>KBOR Seamless Transfer</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81532 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 279	Rider J	Closed
<i>KBOR Seamless Transfer</i>						
81533 002 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 279	Thompson M	Closed
<i>KBOR Seamless Transfer</i>						
81534 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Mack J	Closed
<i>KBOR Seamless Transfer</i>						
83280 353 ONLNE	-----	-	12/12/18-01/09/19	Online	Tope J	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81535 001 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 126A	Clark V	Closed

This course fulfills KU Core Advanced Education Goal 4, Outcome 2 (AE 4.2) - Culture and Diversity, Global Perspective.

HIST 200 - Eurasia: History and Cultures

This course is an interdisciplinary introduction to the rich diversity of the often marginalized civilizations and tribal peoples that inhabit the Caucasus and Central Asia. Students will examine the ethnic, social, economic, religious, artistic and geopolitical influences shared by the inhabitants of these regions. The indigenous sedentary and nomadic populations located along the Silk Road and Eurasian Steppe were repeatedly subjected to conquest by the superior military powers that competed for domination of these trade arteries. Students will trace the succession of cultural influences that swept over the areas. Students will conclude their study with an examination of the post-Soviet development of these regions, investigating how these peoples define themselves within the modern nation-state system. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83142 352 ONLNE	-----	-	10/15/18-12/09/18	Online	Mack J	Closed

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.

Credit Hours: 3

Prerequisite: Permission of the History Internship Mentor; completion of 6 credit hours in history courses at JCCC or another college within the last two years, earning a minimum of a 3.0 on a 4.0 scale in those history courses and a written recommendation from your history classroom instructor

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81537 501 INT	-----	-	08/20/18-12/16/18		Edwards T	6 of 6

Requirement: Department approval

Hospitality Management

HMG 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80549 001 F2F	M-----	12:00-01:50 PM	08/20/18-10/14/18	HCA 145	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
80550 002 F2F	M-----	12:00-01:50 PM	10/15/18-12/09/18	HCA 145	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
80551 003 F2F	-T-----	05:00-06:50 PM	08/21/18-10/14/18	HCA 145	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
80552 350 ONLNE	-----	-	08/20/18-10/14/18	Online	Riley M	Closed
<i>SB 155 Excel in CTE</i>						
80553 351 ONLNE	-----	-	10/15/18-12/09/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80561 001 F2F	M-----	12:00-02:50 PM	08/20/18-12/16/18	HCA 150	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
80563 003 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	HCA 145	Bell C	Closed
<i>SB 155 Excel in CTE</i>						
83009 004 F2F	-T-----	12:00-02:50 PM	08/21/18-12/16/18	HCA 145	Gray J	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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite or Corequisite: HMGT 120Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80618 001 F2F	M-----	08:00-11:30 AM	08/20/18-12/16/18	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
80619 002 F2F	-T-----	01:00-04:30 PM	08/21/18-12/16/18	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
80620 003 F2F	--W----	08:00-11:30 AM	08/22/18-12/16/18	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
80621 004 F2F	--W----	01:00-04:30 PM	08/22/18-12/16/18	HCA 140	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
80622 005 F2F	M-----	06:00-09:30 PM	08/20/18-12/16/18	HCA 140	Tatum C	Closed
<i>SB 155 Excel in CTE</i>						
80623 006 F2F	M-----	01:00-04:30 PM	08/20/18-12/16/18	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. 9 hrs. integrated lecture/lab/wk.

Credit Hours: 4**Prerequisites:** HMGT 123 and HGMT 230 and HMGT 277 and admission to the hospitality management programOutline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80626 001 F2F	--W----	08:00-09:50 AM	08/22/18-12/16/18	HCA 148	Adel E	Closed
	--W----	08:00-09:50 AM	08/22/18-12/16/18	HCA 150		
	---R---	08:00-03:00 PM	08/23/18-12/16/18	HCA 148		
	---R---	08:00-03:00 PM	08/23/18-12/16/18	HCA 150		
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80631 001 F2F	-T-----	12:00-02:50 PM	08/21/18-12/16/18	HCA 117	Berg M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80632 002 F2F	--W----	09:00-11:50 AM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80633 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	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. This course is typically offered in the fall semester. 2 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80634 001 F2F	-T-----	03:00-04:50 PM	08/21/18-12/16/18	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. 15 hrs. internship/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80635 001 F2F	-T-----	09:00-10:50 AM	08/21/18-12/16/18	HCA 115	Berg M	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. 3.5 hrs. integrated lecture/lab/wk..

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80636 001 F2F	--W----	01:00-04:30 PM	08/22/18-12/16/18	HCA 148	Smith D	Closed
	--W----	01:00-04:30 PM	08/22/18-12/16/18	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. This course is typically offered in the fall semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: HMGT 121 and admission to the hospitality management program

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_203)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80637 001 F2F	M-----	12:00-02:50 PM	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HMGT 128

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80843 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80844 001 F2F	-T-----	08:00-11:30 AM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 100

Prerequisites: HMGT 123 and HMGT 271

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80854 001 F2F	-T-----	03:00-05:50 PM	08/21/18-12/16/18	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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80862 001 F2F	M-----	12:00-03:30 PM	08/20/18-12/16/18	HCA 144	Maxim C	Closed

SB 155 Excel in CTE

80864 002 F2F	M-----	06:00-09:30 PM	08/20/18-12/16/18	HCA 144	Fraase D	Closed
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SB 155 Excel in CTE

80865 003 F2F	-T-----	06:00-09:30 PM	08/21/18-12/16/18	HCA 144	Reed A	Closed
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SB 155 Excel in CTE

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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80866 001 F2F	M-----	08:00-11:30 AM	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 50

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80867 001 F2F	M-----	09:00-11:50 AM	08/20/18-12/16/18	HCA 115	Gray J	Closed

SB 155 Excel in CTE

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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 120 and HMGT 123

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80868 001 F2F	M-----	08:00-11:30 AM	08/20/18-12/16/18	HCA 142	Prater A	Closed

SB 155 Excel in CTE

80869 002 F2F	M-----	01:00-04:30 PM	08/20/18-12/16/18	HCA 142	Adel E	Closed
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SB 155 Excel in CTE

80875 003 F2F	-T-----	08:00-11:30 AM	08/21/18-12/16/18	HCA 142	Smith D	Closed
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SB 155 Excel in CTE

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. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 230 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80876 001 F2F	M-----	12:00-04:30 PM	08/20/18-12/16/18	HCA 148	Prater A	Closed
<i>SB 155 Excel in CTE</i>						
83123 002 F2F	-T-----	12:00-04:30 PM	08/21/18-12/16/18	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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_248)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82935 002 F2F	M-----	08:00-11:30 AM	08/20/18-12/16/18	HCA 144	Parkhurst A	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 120 and HMGT 121 and HMGT 273

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80878 001 F2F	-T-----	12:00-02:50 PM	08/21/18-12/16/18	HCA 115	Bell C	Closed
<i>SB 155 Excel in CTE</i>						

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. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 226 and HMGT 286

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80879 001 F2F	-T-----	08:00-11:30 AM	08/21/18-12/16/18	HCA 146	Prater A	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80880 001 F2F	M-----	03:00-04:50 PM	08/20/18-12/16/18	HCA 119	Marcellus J	Closed
80881 002 F2F	--W----	03:00-04:50 PM	08/22/18-12/16/18	HCA 119	Sobieraj R	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 120 or higher and HMGT 121

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80882 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	HCA 115	Sobieraj R	Closed
<i>SB 155 Excel in CTE</i>						
80883 002 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	HCA 115	Sobieraj R	Closed
<i>SB 155 Excel in CTE</i>						

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.

Credit Hours: 3

Prerequisite: Admission to the hospitality management program

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80884 500 INT	-----	-	08/20/18-12/16/18		Gray J	11 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. 2 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HMGT 123 and HMGT 273

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80885 001 F2F	--W----	06:00-07:50 PM	08/22/18-12/16/18	HCA 115	Sobieraj R	Closed
80886 002 F2F	M-----	03:00-04:50 PM	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_279)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80887 001 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	HCA 150	Berger S	Closed
<i>SB 155 Excel in CTE</i>						
80888 002 F2F	--W----	08:00-10:50 AM	08/22/18-12/16/18	HCA 145	Prater A	Closed
<i>SB 155 Excel in CTE</i>						

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.

Credit Hours: 2

Associated Costs: \$100 to 300

Prerequisite: Acceptance into the American Culinary Federation Chef Apprenticeship training program and hospitality management department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_281)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80889 500 INT	-----	-	08/20/18-12/16/18		Marcellus J	23 of 60

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.

Credit Hours: 2

Prerequisite: HMGT 281

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80890 501 INT	-----	-	08/20/18-12/16/18		Marcellus J	33 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.

Credit Hours: 2

Prerequisite: HMGT 282

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80891 502 INT	-----	-	08/20/18-12/16/18		Marcellus J	14 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.

Credit Hours: 2

Prerequisite: HMGT 285

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80892 503 INT	-----	-	08/20/18-12/16/18		Marcellus J	27 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.

Credit Hours: 2

Prerequisite: HMGT 286

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_287)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80894 504 INT	-----	-	08/20/18-12/16/18		Marcellus J	22 of 40

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

Credit Hours: 2

Prerequisites: HMGT 287 and hospitality management department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80897 505 INT	-----	-	08/20/18-12/16/18		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.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80629 001 F2F	---R---	06:00-09:30 PM	08/23/18-12/16/18	HCA 148	Broomfield A Prater A	Closed

This section's title is **Special Topics: Italian Regional Cuisine**.

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. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 Corequisites: HMPB 160 and HMPB 233 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80466 001 F2F	---R---	08:00-10:14 AM	08/23/18-12/16/18	HCA 144	Fraase D	Closed
	----F--	09:00-11:14 AM	08/24/18-12/16/18	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. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 233 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80467 001 F2F	---R---	10:15-12:29 PM	08/23/18-12/16/18	HCA 144	Fraase D	Closed
	----F--	11:15-01:29 PM	08/24/18-12/16/18	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. This course is typically offered in the fall semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 160 and HMPB 252

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80468 001 F2F	---R---	12:30-02:44 PM	08/23/18-12/16/18	HCA 144	Fraase D	Closed
	----F--	01:30-03:44 PM	08/24/18-12/16/18	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. This course is typically offered in the fall semester. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMGT 120 and HMGT 123 **Corequisites:** HMPB 155 and HMPB 160 and HMPB 233

Outline (http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80469 001 F2F	---R---	02:45-04:59 PM	08/23/18-12/16/18	HCA 144	Fraase D	Closed
	----F--	03:45-05:59 PM	08/24/18-12/16/18	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. Contact the Honors Program Office, COM 201, for more information. 3hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hon/#HON_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80120 376 HYB	--W----	02:30-04:00 PM	08/20/18-12/16/18	GEB 238	Smith A Page A	Closed
	-----	-	08/20/18-12/16/18	Online		

This section's title is **Honors Forum: Kansas City as Text-Art and Architecture.**

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 either honors@jccc.edu or 913-469-8500 ext. 2434.

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. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80361 090 F2F	Lab -T-----	06:00-07:59 PM	09/11/18-12/16/18	HSC 124	Fike T	Closed
	-T-----	08:00-08:59 PM	09/11/18-12/16/18	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. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80364 001 F2F	M-----	10:00-11:50 AM	08/20/18-12/16/18	HSC 121	Kumar L	Closed
	Lab --W----	10:00-11:50 AM	08/22/18-12/16/18	HSC 121		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81894 001 F2F	Lab --W----	01:00-01:50 PM	08/22/18-12/16/18	HSC 124	Kumar L	Closed
	Lab --W----	02:00-02:50 PM	08/22/18-12/16/18	HSC 121		
	--W----	03:00-03:50 PM	08/22/18-12/16/18	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. 2 hrs. lecture 3 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80366 380 HYB	-----	-	08/20/18-12/16/18	Online	Fike T	Closed
	---R---	06:00-06:50 PM	08/23/18-12/16/18	HSC 121		
	Lab ---R---	07:00-09:50 PM	08/23/18-12/16/18	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. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80368 380 HYB	-----	-	08/20/18-12/16/18	Online	Sreedhar L	Closed
	----F--	10:00-10:50 AM	08/24/18-12/16/18	HSC 121		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab ----F--	11:00-12:50 PM	08/24/18-12/16/18	HSC 124		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
80370 381 HYB	-----	-	08/20/18-12/16/18	Online	La Hovary C	Closed
	Lab ---R---	06:00-06:50 PM	08/23/18-12/16/18	HSC 124		
		---R---	07:00-07:50 PM	HSC 121		
	Lab ---R---	08:00-08:50 PM	08/23/18-12/16/18	HSC 121		

SB 155 Excel in CTE

Mandatory Classroom Meetings

HORT 214 - Woody Plants I, 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 grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80372 380 HYB	-----	-	08/20/18-11/11/18	Online	Sreedhar L	Closed
	Lab --W----	12:00-01:59 PM	08/22/18-11/07/18	HSC 121		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80374 350 ONLNE	-----	-	08/20/18-10/14/18	Online	Seckinger G	Closed
	Lab -----	-	08/20/18-10/14/18	Online		
<i>SB 155 Excel in CTE</i>						
80375 380 HYB	Lab M-----	02:00-03:50 PM	08/20/18-11/11/18	HSC 121	Sreedhar L	Closed
	-----	-	08/20/18-11/11/18	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. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80377 001 F2F	---R---	02:00-03:50 PM	08/23/18-12/16/18	HSC 121	Boyce B	Closed
	Lab ---R---	04:00-05:50 PM	08/23/18-12/16/18	HSC 121		

SB 155 Excel in CTE

HORT 255 - Pest Control 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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80379 350 ONLNE	-----	-	10/15/18-12/09/18	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

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80380 500 INT	-----	-	08/20/18-12/16/18		Sreedhar L	8 of 10

SB 155 Excel in CTE

Requirement: Department approval

Physical Ed, Health & Rec

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80087 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-10/26/18	GYM 003B	Walker B	Closed
	M-W-F--	11:00-11:50 AM	08/20/18-10/26/18	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. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 100

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80088 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-10/26/18	GYM 003B	Walker B	Closed
	M-W-F--	11:00-11:50 AM	08/20/18-10/26/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80089 001 F2F	M-W----	08:00-08:50 AM	08/20/18-12/16/18	GYM 007	Nosworthy A	Closed
80090 002 F2F	M-W----	09:00-09:50 AM	08/20/18-12/16/18	GYM 007	Nosworthy A	Closed
80091 003 F2F	M-W----	10:00-10:50 AM	08/20/18-12/16/18	GYM 007	Nosworthy A	Closed
80093 005 F2F	-T-R---	08:30-09:20 AM	08/21/18-12/16/18	GYM 007	Anani S	Closed
80094 006 F2F	-T-R---	01:00-01:50 PM	08/21/18-12/16/18	GYM 007	Zickefoose W	Closed
80095 007 F2F	-T-R---	02:00-02:50 PM	08/21/18-12/16/18	GYM 007	Zickefoose W	Closed
80096 008 F2F	M-W----	06:00-06:50 PM	08/20/18-12/16/18	GYM 007	Zickefoose W	Closed
80097 009 F2F	-T-R---	10:00-10:50 AM	08/21/18-12/16/18	GYM 007	Nosworthy A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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HPER 115 - Soccer

The fundamentals of soccer will be introduced as well as strategies necessary for team play. 2 hrs./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80098 001 F2F	M-----	06:00-07:50 PM	09/10/18-12/16/18	GYM 003B	Louque W	Closed
	M-----	06:00-07:50 PM	09/10/18-12/16/18	GYM 003C		
	M-----	06:00-07:50 PM	09/10/18-12/16/18	GYM 530		

Note: This course will meet outside on the practice field (530). Alternate location will be inside Gym 003B & 003C (Field House)

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80099 001 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	GYM 003D	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. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 117

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80100 001 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	GYM 003D	Rogert J	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80101 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Bloemker M	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80104 001 F2F	M-W----	09:00-09:50 AM	08/20/18-12/16/18	GYM 022	Hall T	Closed
80105 002 F2F	M-W----	10:00-10:50 AM	08/20/18-12/16/18	GYM 022	Hall T	Closed
82877 003 F2F	M-W----	06:00-06:50 PM	08/20/18-12/16/18	GYM 022	Anani S	Closed
82964 004 F2F	-T-R---	10:00-10:50 AM	08/20/18-12/16/18	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. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 134

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80106 001 F2F	M-W----	09:00-09:50 AM	08/20/18-12/16/18	GYM 022	Hall T	Closed
80107 002 F2F	M-W----	10:00-10:50 AM	08/20/18-12/16/18	GYM 022	Hall T	Closed
82878 003 F2F	M-W----	06:00-06:50 PM	08/20/18-12/16/18	GYM 022	Anani S	Closed
82965 004 F2F	-T-R---	10:00-10:50 AM	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80272 002 F2F	-T-----	06:00-07:50 PM	08/21/18-12/16/18	GYM 003B	Alarico A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-07:50 PM	08/21/18-12/16/18	GYM 003C		
	-T-----	06:00-07:50 PM	08/21/18-12/16/18	GYM 003D		

HPER 140 - Modern Dance (Beginning)

This course emphasizes the movement between positions rather than the picture-perfect poses of ballet and other dance styles. Moving through space off of and onto the floor, breathing and improvisational movement will be explored. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$12 to 40

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80275 001 F2F	M-W----	01:00-01:50 PM	08/20/18-12/16/18	GYM 007	Phillips D	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80279 001 F2F	M-W----	11:00-11:50 AM	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80297 350 ONLINE	-----	-	08/20/18-11/11/18	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

80298 351 ONLINE	-----	-	08/20/18-11/11/18	Online	Brown S	Closed
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Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

80299 352 ONLINE	-----	-	08/20/18-11/11/18	Online	Carrier D	Closed
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Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

80301 354 ONLINE	-----	-	10/15/18-12/09/18	Online	Carrier D	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

83294 356 ONLINE	-----	-	12/12/18-01/09/19	Online	Brown S	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 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80303 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	PA 144	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80304 001 F2F	M-W----	02:00-02:50 PM	08/20/18-12/16/18	GYM 021	Brown S	Closed
<i>KBOR Seamless Transfer</i>						
80306 003 F2F	-T-R---	02:00-03:20 PM	09/04/18-11/08/18	GYM 021	Brown S	Closed
<i>KBOR Seamless Transfer</i>						
80307 376 HYB	M-W----	10:00-10:50 AM	08/20/18-10/10/18	GYM 021	Brown S	Closed
	-----	-	08/20/18-10/14/18	Online		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: You must attend class on Mondays and 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

80308 377 HYB	-----	-	08/20/18-12/16/18	Online	Brown S	Closed
	--W----	11:00-11:50 AM	08/22/18-12/16/18	GYM 021		

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

80309 378 HYB	-T-R---	12:30-01:20 PM	10/15/18-12/06/18	GYM 021	Brown S	Closed
	-----	-	10/15/18-12/09/18	Online		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80310 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GYM 013	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
80311 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GYM 013	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
80312 003 F2F	-T-R---	12:30-01:50 PM	08/21/18-12/16/18	GYM 013	Mallory L	Closed
<i>KBOR Seamless Transfer</i>						
80313 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be done online						
80314 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Mallory L	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be done online						
80315 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be done online						
80350 353 ONLNE	-----	-	09/04/18-12/16/18	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be done online						
80352 355 ONLNE	-----	-	09/04/18-11/11/18	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						
80353 356 ONLNE	-----	-	09/24/18-12/02/18	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						
80354 357 ONLNE	-----	-	11/05/18-12/09/18	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						
83292 359 ONLNE	-----	-	12/12/18-01/09/19	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.						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_204)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82883 001 F2F	-T-R---	09:30-10:50 AM	08/21/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80356 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GYM 013	Brethauer S	Closed
80357 002 F2F	-T-R---	11:00-12:20 PM	08/21/18-12/16/18	GYM 013	Groves P	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80358 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	SCI 118	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80359 350 ONLINE	-----	-	08/20/18-12/16/18	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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80360 351 ONLNE	-----	-	09/17/18-12/16/18	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

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80362 001 F2F	-----	-	08/20/18-12/16/18	GYM 103	Brown S	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

80365 002 F2F	-----	-	08/20/18-12/16/18	GYM 103	Brown S	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

80367 003 F2F	-----	-	08/20/18-12/16/18	GYM 103	Brown S	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

80369 004 F2F	-----	-	08/20/18-12/16/18	GYM 103	Brown S	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

80378 008 F2F	-----	-	08/27/18-12/16/18	GYM 103	Brown S	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

80381 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Brown S	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, Susan Brown.

HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 240

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80407 001 F2F	-----	-	08/20/18-12/16/18	GYM 103	Dey R	Closed
<i>Lifetime Fitness</i>						
80408 002 F2F	-----	-	08/20/18-12/16/18	GYM 103	Dey R	Closed
<i>Lifetime Fitness</i>						
80410 004 F2F	-----	-	08/27/18-12/16/18	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
80411 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Brown S	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, Susan Brown.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80412 001 F2F	-T-R---	09:30-10:50 AM	08/21/18-12/16/18	GYM 003B	Stinson J	Closed
	-T-R---	09:30-10:50 AM	08/21/18-12/16/18	GYM 021		

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82383 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Mallory L	Closed
<i>SB 155 Excel in CTE</i>						
Note: All assignments and tests will be online.						
82384 351 ONLINE	-----	-	10/15/18-12/09/18	Online	Mallory L	Closed
<i>SB 155 Excel in CTE</i>						
Note: 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80425 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Mallory L	Closed
Note: All assignments and tests will be online						
80433 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Mallory L	Closed
Note: All assignments and tests will be online						
80436 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Mallory L	Closed
Note: All assignments and tests will be online						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
80805 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 338	Chen S	Closed
80806 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 338	Chen S	Closed
80807 003 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 344	McCarty L	Closed
80808 004 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 344	Murphy J	Closed
80809 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 338	Chen S	Closed
80810 006 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 338	Chen S	Closed
80811 007 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 344	Robertson M	Closed
80812 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Garrett M	Closed
80813 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Garrett M	Closed
80814 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Domoney J	Closed
83195 354 ONLNE	-----	-	10/15/18-12/09/18	Online	McCarty L	Closed

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. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80815 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Murphy J	Closed

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. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81642 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Bevell Hull M	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80816 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 344	Bailes K	Closed
80818 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 344	Robertson M	Closed
80819 003 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CC 338	Norcott-Mahany B	Closed
80820 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Norcott-Mahany B	Closed
83197 352 ONLNE	-----	-	10/15/18-12/09/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80821 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 344	Bailes K	Closed

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. 3hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80822 351 ONLNE	-----	-	08/20/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80072 001 F2F	-T-R---	08:00-09:20 AM	08/21/18-12/16/18	ATB 127	Clyde J	Closed
	Lab -T-R---	09:30-10:50 AM	08/21/18-12/16/18	ATB 148		
<i>SB 155 Excel in CTE</i>						
80073 002 F2F	M-W----	06:00-07:20 PM	08/20/18-12/16/18	ATB 142	Lamping J	Closed
	Lab M-W----	07:30-08:50 PM	08/20/18-12/16/18	ATB 148		
<i>SB 155 Excel in CTE</i>						
83052 004 F2F	-T-R---	02:30-03:50 PM	08/21/18-12/16/18	ATB 164	Lamping J	Closed
	Lab -T-R---	04:00-05:20 PM	08/21/18-12/16/18	ATB 148		

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80075 001 F2F	-T-R---	11:30-12:50 PM	08/21/18-12/16/18	ATB 164	Clyde J	Closed
	Lab -T-R---	01:00-02:20 PM	08/21/18-12/16/18	ATB 164		
<i>SB 155 Excel in CTE</i>						
80076 002 F2F	-T-R---	06:00-07:20 PM	08/21/18-12/16/18	ATB 164	Kruse S	Closed
	Lab -T-R---	07:30-08:50 PM	08/21/18-12/16/18	ATB 164		
<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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80078 001 F2F	M-W----	08:00-08:50 AM	08/20/18-12/16/18	ATB 127	Steinmetz M	Closed
	Lab M-W----	09:00-10:20 AM	08/20/18-12/16/18	ATB 148		
<i>SB 155 Excel in CTE</i>						
80079 002 F2F	M-W----	06:00-06:50 PM	08/20/18-12/16/18	ATB 128	Kessell G	Closed
	Lab M-W----	07:00-08:20 PM	08/20/18-12/16/18	ATB 148		
<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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80463 001 F2F	----FS-	08:00-05:00 PM	09/07/18-09/08/18	ATB 127	Lamping J	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80464 001 F2F	----FS-	08:00-05:00 PM	09/28/18-09/29/18	ATB 127	Lamping J	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. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80080 001 F2F	M-W----	11:00-11:50 AM	08/20/18-12/16/18	ATB 131	Hendren H	Closed
	Lab M-W----	12:00-01:20 PM	08/20/18-12/16/18	ATB 168C		

SB 155 Excel in CTE

HVAC 188 - Load Calculation and Duct Design

Upon successful completion of this course, students will be able to perform a load calculation for residential HVAC applications. The student should be able to determine proper sizing of residential HVAC equipment and duct work to meet the requirements for high-quality climate control system. The students will use the Air Conditioning Contractors of America (ACCA) Manual J and current industry recognized manufactures data to determine the correct size of the HVAC equipment used in a residential applications. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81343 001 F2F	M-W----	08:00-08:50 AM	08/20/18-12/16/18	ATB 183	Hendren H	Closed
	Lab M-W----	09:00-10:20 AM	08/20/18-12/16/18	ATB 155		

SB 155 Excel in CTE

HVAC 201 - Cooling Systems

Upon successful completion of this course, the student should be able to identify all the components and accessories and their relationship to the functions of residential and commercial air conditioning and heat pump systems. Topics covered will include air conditioner condensing units, metering devices, evaporation coils and refrigerants. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Prerequisites: HVAC 105 and HVAC 110

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80081 001 F2F	-T-R---	08:00-08:50 AM	08/21/18-12/16/18	ATB 131	Lamping J	Closed
	Lab -T-R---	09:00-10:20 AM	08/21/18-12/16/18	ATB 148		

SB 155 Excel in CTE

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). 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HVAC 250

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81346 001 F2F	-T-R---	06:00-06:50 PM	08/21/18-12/16/18	ATB 127	Hendren H	Closed
	Lab -T-R---	07:00-08:20 PM	08/21/18-12/16/18	ATB 168C		

SB 155 Excel in CTE

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. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30-150

Prerequisites or Corequisites: HVAC 136 and HVAC 201

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80082 001 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	ATB 131	Hendren H	Closed
	Lab -T-R---	12:00-01:20 PM	08/21/18-12/16/18	ATB 148		

SB 155 Excel in CTE

80083 002 F2F	-T-R---	06:00-06:50 PM	08/21/18-12/16/18	ATB 125	Leone N	Closed
	Lab -T-R---	07:00-08:20 PM	08/21/18-12/16/18	ATB 148		

SB 155 Excel in CTE

HVAC 278 - Advanced Electrical Systems

Upon successful completion of this course, students will be able to understand and apply advanced electrical theory consisting of wiring gas and electric furnaces, air conditioners and heat pumps. This class will develop diagnostic skills associated with common heating and cooling problems found in the HVAC trade. The students will be able to examine advanced electrical wiring diagrams, understand the sequence of operations for the HVAC equipment and conduct troubleshooting methods. Control theory as applied in Direct Digital Control (DDC) HVAC systems will also be examined. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HVAC 110

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_278)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81345 001 F2F	M-W----	11:30-12:25 PM	08/20/18-12/16/18	ATB 164	Lamping J	Closed
	Lab M-W----	12:35-01:50 PM	08/20/18-12/16/18	ATB 164		

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.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80084 501 INT	-----	-	08/20/18-12/16/18		Hendren H	9 of 10
80085 502 INT	-----	-	08/20/18-12/16/18		Lamping J	8 of 10
80086 503 INT	-----	-	08/20/18-12/16/18		Lamping J	9 of 10

SB 155 Excel in CTE

Requirement: Department approval

SB 155 Excel in CTE

Requirement: Department approval

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5-\$20

Outline (http://catalog.jccc.edu/coursedescriptions/indt/#INDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80904 001 F2F	-T-----	02:00-04:50 PM	08/21/18-12/16/18	ATB 131	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
80905 002 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	ATB 131	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
80914 003 F2F	--W----	02:00-04:50 PM	08/22/18-12/16/18	ATB 131	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
80920 005 F2F	-----S-	08:00-05:30 PM	09/08/18-10/06/18	ATB 131	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80915 001 F2F	----F--	12:00-02:50 PM	08/24/18-12/16/18	ATB 131	Gilmore S	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						

INDT 155 - Workplace Skills

Upon successful completion of this course, the student should be able to identify the job skills necessary to have a successful career in the field of his or her choosing. Topics include listening skills, oral communication, human relations, decision making/problem solving, how to work as a team, time and resource management, work ethics and career planning. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/indt/#INDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80118 001 F2F	-T-R---	09:30-11:20 AM	11/13/18-12/06/18	ATB 183	Byrnes J	Closed
<i>Accelerating Opportunity KS</i>						
Note: This section is open to ELTE majors only						
80119 002 F2F	-T-R---	12:00-01:50 PM	11/13/18-12/06/18	ITC 122	Byrnes J	Closed
<i>Accelerating Opportunity KS</i>						
Note: This section is open to ELTE majors only						
80465 003 F2F	----FS-	08:00-05:00 PM	10/12/18-10/13/18	ATB 127	Hendren H	Closed
<i>Accelerating Opportunity KS</i>						
Note: This section is open to HVAC majors only						
80924 004 F2F	----F--	01:00-01:50 PM	08/24/18-12/16/18	ATB 129	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
80926 005 F2F	M-----	05:00-05:50 PM	08/20/18-12/16/18	ITC 183	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						
81207 006 F2F	-----SU	08:00-05:30 PM	10/06/18-10/07/18	ATB 127	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						

Interpreter Training

INTR 181 - Interpreting Practicum I

Students will observe skilled interpreters in various interpreting situations in a variety of settings during the semester. 2 hrs. lab, field work/wk.

Credit Hours: 1

Associated Costs: \$10 to 50

Prerequisites: INTR 130 and INTR 145 with a grade of "C" or higher and Corequisites: INTR 223 and INTR 226 and INTR 250 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81644 500 INT	-----	-	08/20/18-12/16/18	Online	Storme S	2 of 10

SB 155 Excel in CTE

Note: For more information, contact the instructor.

INTR 223 - Advanced American Sign Language

This course is a continuation of Intermediate American Sign Language II. Students will learn about culturally significant topics related to the Deaf community, more complex ASL grammatical features and conversational skill development. Comprehension skills and linguistic features of ASL will be taught to a variety of contexts in simulated, typical interaction. Students will have opportunities to utilize what they learn about advanced ASL through class activities, dialogues, short stories, general conversations and class discussions. Sign comprehension and production skills will be emphasized. This course meets for six hours of internship/week.

Credit Hours: 3

Associated Costs: \$10 to 25

Prerequisite: INTR 123 or ASL 123 or FL 271 with a grade of "C" or higher Corequisites: INTR 250 and INTR 226 and INTR 181 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81645 001 F2F	M-W-F--	08:00-09:50 AM	08/20/18-12/16/18	GEB 311	Symansky R	Closed

SB 155 Excel in CTE

INTR 226 - Specialized and Technical Vocabulary

This course will expand the interpreter training students' vocabulary related to specialized and technical contexts. Students will discuss vocabulary use in a variety of contexts to include socially restricted terms and phrases Deaf people use; colloquialisms; varying registers; terminology in medical, mental health, religion, sex, drugs; and strong language in ASL. Students' development of comprehension and production skills in common formal and informal settings will be emphasized. Students will also discuss Signing Exact English (SEE II) and the differences from American Sign Language (ASL). 4 hrs. integrated lecture-lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisite: INTR 123 or ASL 123 with a grade of "C" or higher **Corequisites:** INTR 181 and INTR 250 and INTR 223 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81646 001 F2F	-T-R---	08:00-09:50 AM	08/21/18-12/16/18	GEB 311	Luton D	Closed

SB 155 Excel in CTE

INTR 250 - Interpreting I

In this introduction to interpreting principles, emphasis will be on English-to-ASL and ASL-to-English skills. Students will participate in sequential drills and apply these skills in class. 10 hrs. integrated lecture/lab/wk.

Credit Hours: 6

Associated Costs: \$10 to 50

Prerequisite: INTR 131 with a grade of "C" or higher **Corequisites:** INTR 181 and INTR 223 and INTR 226 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81647 001 F2F	MTWRF--	10:00-11:50 AM	08/20/18-12/16/18	GEB 311	Storme S	Closed

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82509 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Lutz A	Closed

SB 155 Excel in CTE

Accelerating Opportunity KS

82510 351 ONLNE	-----	-	10/15/18-12/09/18	Online	Lutz A	Closed
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SB 155 Excel in CTE

Accelerating Opportunity KS

Note: This 8-week section is recommended to be taken following 80444 ELEC 186-350 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 alutz4@jccc.edu or 913-469-8500 ext. 2213.

82511 376 HYB	-T-----	01:00-02:50 PM	08/21/18-12/16/18	RC 340	Holdsworth R	Closed
	-----	-	08/21/18-12/16/18	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
82512 377 HYB	-T-----	06:00-07:50 PM	08/21/18-12/16/18	RC 346	Hauptman P	Closed
	-----	-	08/21/18-12/16/18	Online		
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
82514 379 HYB	---R---	10:00-11:50 AM	08/23/18-12/16/18	RC 340	Holdsworth R	Closed
	-----	-	08/23/18-12/16/18	Online		
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</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. 3 hrs. lecture/wk, 2 hrs. open lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82515 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
82516 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
82518 353 ONLINE	-----	-	08/20/18-10/14/18	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 12169 IT145-350 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, view the Personalized IT page at http://www.jccc.edu/admissions/apply/selective-admissions/acts/acts-cbe.html (http://www.jccc.edu/admissions/apply/selective-admissions/acts/acts-cbe.html) or contact Mazen Akkam at makkam@jccc.edu or 913-469-8500 ext. 3348.						
82519 376 HYB	M-----	10:00-11:50 AM	08/20/18-12/16/18	RC 350	Renfro T	Closed
	-----	-	08/20/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82520 377 HYB	M-----	06:00-08:50 PM	08/20/18-10/15/18	RC 350	Wehr W	Closed
	-----	-	08/20/18-10/15/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82521 378 HYB	-T-----	09:00-11:50 AM	08/21/18-10/09/18	RC 350	Akkam M	Closed
	-----	-	08/21/18-10/09/18	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken in the same semester with the 8-week IT 145 Routing and Switching Essentials to align with the Cisco entry level CCENT Certification.						
82522 379 HYB	M-----	06:00-08:50 PM	10/22/18-12/10/18	RC 350	Renfro T	Closed
	-----	-	10/22/18-12/10/18	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

Note: This 8-week section will meet weekly for hands-on labs. The academic work is online. You can progress at your pace and complete it in 8 weeks or less based on your mastery of the course objectives.

82523 380 HYB	M-----	01:00-02:50 PM	08/20/18-12/16/18	RC 350	Renfro T	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

83182 382 HYB	--W----	06:00-08:50 PM	10/24/18-12/12/18	RC 350	Al-Rawi A	Closed
	-----	-	10/24/18-12/12/18	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

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. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 3

Prerequisites: IT 140

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82525 350 ONLNE	-----	-	10/16/18-12/04/18	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken following 12162 IT140-352 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, view the Personalized IT page at http://www.jccc.edu/admissions/apply/selective-admissions/acts/acts-cbe.html (http://www.jccc.edu/admissions/apply/selective-admissions/acts/acts-cbe.html) or contact Mazen Akkam at makkam@jccc.edu or 913-469-8500 ext. 3348.						
82526 376 HYB	-T-----	09:00-11:50 AM	10/16/18-12/04/18	RC 350	Akkam M	Closed
	-----	-	10/16/18-12/04/18	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

Note: This 8-week section is recommended to be taken following the 8-week IT 140 Networking Fundamentals to align with the Cisco entry level CCENT Certification.

82527 377 HYB	--W----	06:00-07:50 PM	08/22/18-12/16/18	RC 352	Peterson M	Closed
	-----	-	08/22/18-12/16/18	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

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. 2 hrs. lecture, 3 hrs. lab/wk

Credit Hours: 4

Prerequisite: IT 145

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82528 350 ONLINE	-----	-	08/20/18-10/14/18	Online	Akkam M	Closed

SB 155 Excel in CTE

Note: This is an 8-week section that aligns with the Cisco CCNA-Security Certification.

IT 203 - Voice Over IP Fundamentals

This course is designed to provide students with the fundamentals of Voice over IP (VoIP) networking technology. Concepts covered include an explanation of the national voice and data network, telephony terminology, VoIP protocol analysis and telephony survey techniques. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 4

Prerequisite: IT 145

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_203)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82529 376 HYB	M-----	06:00-07:50 PM	08/20/18-12/16/18	RC 352	Syed M	Closed
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82530 376 HYB	M-----	10:00-11:50 AM	08/20/18-12/16/18	RC 340	Gordon J	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

82531 377 HYB	--W----	01:00-02:50 PM	08/22/18-12/16/18	RC 340	Gordon J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	08/22/18-12/16/18	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
82532 378 HYB	--W----	06:00-08:50 PM	08/22/18-10/10/18	RC 340	Wehr W	Closed
	-----	-	08/22/18-10/10/18	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. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: IT 145

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82601 376 HYB	-T-----	06:00-08:50 PM	08/21/18-10/09/18	RC 350	Al-Rawi A	Closed
	-----	-	08/21/18-10/09/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

Note: This 8-week section is recommended to be taken in the same semester with the 8-week IT 247 Accessing Wide Area Networks to align with the Cisco CCNA Certification.

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 completing this course will be able to accomplish basic fundamental network management tasks, including planning server roles and subsequent requirements, planning the network file system, implementing user accounts and file system security, implementing network printing, and managing the network servers. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite or Corequisite: IT 205

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82609 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Carney R	Closed
<i>SB 155 Excel in CTE</i>						
82613 378 HYB	M-----	06:00-07:50 PM	10/22/18-12/16/18	RC 346	Carney R	Closed
	-----	-	10/22/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

IT 225 - Windows Active Directory Services

The focus of this course is using Microsoft Windows Server or Advanced Server software to install, configure and troubleshoot Active Directory components, Domain Name Space (DNS) for Active Directory and Active Directory security solutions. The course also emphasizes the skills required to manage, monitor and optimize the desktop environment using Group Policy. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 221

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82615 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Carney R	Closed

SB 155 Excel in CTE

Note: This is the last semester and only section that this course will be taught using Windows Server 2012

82614 376 HYB	--W----	06:00-08:50 PM	08/22/18-10/10/18	RC 346	Mortell G	Closed
	-----	-	08/22/18-10/10/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

Note: This section will be taught using Windows Server 2016

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. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82813 376 HYB	M-----	06:00-07:50 PM	08/20/18-12/16/18	RC 340	Gordon J	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

82533 379 HYB	M-----	01:00-02:50 PM	08/20/18-12/16/18	RC 346	Gordon J	Closed
	-----	-	08/20/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

82544 380 HYB	---R---	06:00-07:50 PM	08/23/18-12/16/18	RC 346	Sien H	Closed
	-----	-	08/23/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

82599 381 HYB	--W----	10:00-11:50 AM	08/22/18-12/16/18	RC 346	Gordon J	Closed
	-----	-	08/22/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 230

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82534 376 HYB	M-----	10:00-11:50 AM	08/20/18-12/16/18	RC 346	Al-Rawi A	Closed
	-----	-	08/20/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

82546 378 HYB	---R---	06:00-07:50 PM	08/23/18-12/16/18	RC 350	Syed M	Closed
	-----	-	08/23/18-12/16/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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. 2 hrs. lecture, 2 hrs. lab and 1 hr. instructional lab/wk.

Credit Hours: 3

Prerequisites: IT 145 and IT 230

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82537 376 HYB	---R---	06:00-07:50 PM	08/23/18-12/16/18	RC 352	Al-Rawi A	Closed
	-----	-	08/23/18-12/16/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

IT 245 - Network Infrastructure

This course is designed to provide an in-depth understanding of the ability to install, manage, monitor, configure and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP Routing and WINS in a Windows network infrastructure. In addition, it will provide an in-depth understanding of the ability to manage, monitor and troubleshoot Network Address Translation and Certificate Services. Laboratory exercises will accompany the lectures. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 221

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82616 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Carney R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
Note: This is the last semester and only section that this course will be taught using Windows Server 2012						
82618 378 HYB	--W----	06:00-08:50 PM	10/17/18-12/12/18	RC 346	Mortell G	Closed
	-----	-	10/17/18-12/12/18	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

Note: This section will be taught using Windows Server 2016

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. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: IT 145 and IT 209

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82540 376 HYB	-T-----	06:00-08:50 PM	10/16/18-12/04/18	RC 350	Al-Rawi A	Closed
	-----	-	10/16/18-12/04/18	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

Note: This 8-week section is recommended to be taken following the 8-week IT 209 Scaling Networks to align with the Cisco CCNA Certification.

IT 271 - Information Technology Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide advanced information technology students with appropriate on-the-job experience with area employers, under instructional oversight, which will promote the student's career goals. Student will work a total of 300 hours a semester at an approved job site.

Credit Hours: 3

Prerequisites: IT 210 or IT 221 or IT 230 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82541 500 INT	-----	-	08/20/18-12/16/18		Gordon J	6 of 8

SB 155 Excel in CTE

Requirement: Department approval

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.

Credit Hours: 3

Prerequisites: IT 271 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82542 500 INT	-----	-	08/20/18-12/16/18		Renfro T	5 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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$75

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
82291 001 F2F	M-W----	04:30-05:45 PM	08/20/18-12/16/18	GEB 356	Boyd R	Closed
<i>SB 155 Excel in CTE</i>						
82292 002 F2F	-T-----	06:00-08:45 PM	08/21/18-12/16/18	GEB 356	Wilson J	Closed
<i>SB 155 Excel in CTE</i>						
82293 003 F2F	---R---	09:00-11:45 AM	08/23/18-12/16/18	GEB 356	Grube K	Closed
<i>SB 155 Excel in CTE</i>						
82294 004 F2F	M-----	09:00-11:45 AM	08/20/18-12/16/18	GEB 356	Grube K	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82295 001 F2F	-T-----	09:00-11:45 AM	08/21/18-12/16/18	GEB 356	Green D	Closed
<i>SB 155 Excel in CTE</i>						
82296 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Hersch A	Closed
<i>SB 155 Excel in CTE</i>						

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. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75 to 100

Prerequisites: ITMD 121 with a grade of "C" or higher and DRAF 164 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82298 002 F2F	--W----	12:30-03:50 PM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82299 001 F2F	M-----	12:30-03:15 PM	08/20/18-12/16/18	GEB 351A	Grube K	Closed
<i>SB 155 Excel in CTE</i>						
82300 350 ONLINE	-----	-	08/20/18-12/16/18	Online	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: DRAF 164 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82301 001 F2F	---R---	08:00-10:50 AM	08/23/18-12/16/18	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. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50-\$75

Prerequisite: ITMD 121 with "C" or higher and DRAF 164 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82302 001 F2F	---R---	12:15-03:45 PM	08/23/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ITMD 185 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82303 001 F2F	--W----	09:00-11:45 AM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_219)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82304 376 HYB	M-----	09:00-11:45 AM	08/20/18-12/16/18	GEB 351A	Kalkofen B	Closed
	-----	-	08/20/18-12/16/18	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. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50-\$100

Prerequisites: ITMD 202 and DRAF 264 Prerequisites or corequisites: ITMD 129 and ITMD 271 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82306 001 F2F	M-----	12:00-03:30 PM	08/20/18-12/16/18	GEB 356	Hersch A	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82308 350 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82309 350 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DRAF 264 with a grade of "C" or higher and ITMD 202 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82310 001 F2F	-T-----	12:30-03:15 PM	08/21/18-12/16/18	GEB 351A	Hersch A	Closed

SB 155 Excel in CTE

ITMD 239 - Capstone: Interior Design

This course is a culmination of the Interior Design Program course work. It should be taken in conjunction with or after completion of the final interior courses or in the graduating semester. Upon successful completion of this course, the student will be able to select and rework portfolio materials for maximum visual potential and appeal. In addition, the student will prepare a resume, conduct a job search, and present written and oral presentations based on knowledge from program courses. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$75 to \$100

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82311 376 HYB	-----	-	08/20/18-12/16/18	Online	Kalkofen B	Closed
	----F--	08:00-09:45 AM	08/24/18-12/16/18	GEB 356		

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: 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

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82313 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Kalkofen B	Closed

SB 155 Excel in CTE

ITMD 273 - Practices and Procedures

Upon successful completion of this course, the student will be able to use proper interior design industry terminology, appropriate business forms and contracts, define the types of business legal structures and solve business organizational and ethical problems. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ITMD 271 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82314 001 F2F	-T-----	09:00-11:50 AM	08/21/18-10/23/18	GEB 351A	Grube K	Closed

ITMD 280 - Leadership in Design

Upon successful completion of this course, the student should be able to identify leadership skills necessary for successful involvement in the field of interior design and professional organizations. Topics include group communication methods, time management, team-building skills and organizing and facilitating meetings. These topics will be discussed in relationship to sustainability issues. Students desiring leadership opportunities in professional organizations are encouraged to enroll. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82315 001 F2F	-T-----	09:00-11:50 AM	11/06/18-12/09/18	GEB 351A	Grube K	Closed

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.

Credit Hours: 1

Prerequisite: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82316 500 INT	-----	-	08/20/18-12/16/18		Kalkofen B	9 of 16

SB 155 Excel in CTE

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.

Credit Hours: 1

Prerequisites: ITMD 121 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82317 500 INT	-----	-	08/20/18-12/16/18		Kalkofen B	9 of 16

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80827 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
80828 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
80829 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
80830 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
80831 005 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 324	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
80832 006 F2F	--W----	06:00-08:50 PM	08/20/18-12/16/18	GEB 242	Ziegler L	Closed
<i>KBOR Seamless Transfer</i>						
80833 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Thum G	Closed
<i>KBOR Seamless Transfer</i>						
80834 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Thum G	Closed
<i>KBOR Seamless Transfer</i>						
80835 352 ONLNE	-----	-	08/20/18-12/16/18	Online	McWard C	Closed
<i>KBOR Seamless Transfer</i>						
80836 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
83255 354 ONLNE	-----	-	12/12/18-01/09/19	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80837 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	LIB 357	Raduziner 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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80839 001 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	LIB 352	Thum G	Closed

SB 155 Excel in CTE

JOUR 127 - Introduction to Broadcasting

This course serves students interested in gaining a greater understanding of broadcast and emerging technologies. Class time includes discussion of trends and issues, including regulations, ethics, news and information, and audience ratings. Productions in the college's student media facilities offer opportunities to experience and further evaluate their relationship to broadcast and related electronic media. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80840 001 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 324	Nichols J	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80841 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	LIB 352	Thum G	Closed
80842 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Note: Student must provide his/her own digital camera and memory(s).

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80845 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	LIB 373	Schulte M	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 25

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80846 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80849 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	COM 260	Crow J	Closed
80857 002 F2F	-T-----	06:00-08:50 PM	08/20/18-12/16/18	COM 260	Cortez S	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: JOUR 227

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80859 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	COM 260	Crow J	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.

Credit Hours: 1

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80860 500 INT	-----	-	08/20/18-12/16/18		Raduziner M	10 of 10

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@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.

Credit Hours: 2

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80861 500 INT	-----	-	08/20/18-12/16/18		Raduziner M	8 of 10

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@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.

Credit Hours: 3

Prerequisites: Instructor approval; completion of six credit hours in journalism/media communications at JCCC or another college with a grade of "C" or higher in those 6 hours.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80863 500 INT	-----	-	08/20/18-12/16/18		Raduziner M	10 of 10

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80471 001 F2F	M-----	07:00-09:50 PM	08/20/18-12/16/18	GEB 254	Manlove H	Closed
80472 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Fordham N	Closed
80473 351 ONLNE	-----	-	08/20/18-10/14/18	Online	Fordham N	Closed

This is an 8-week Introduction to Paralegal Studies course. It begins on August 20 and ends on October 14. Students often take this course along with Introduction to Law-LAW 121-CRN: 80479 (see below) which is offered in the second 8 weeks of the 16-week semester in order to satisfy the prerequisites for the Paralegal Program in one semester.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80475 002 F2F	M-----	04:00-06:50 PM	08/20/18-12/16/18	GEB 258	Davis M	Closed
80477 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Nadlman J	Closed
80478 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Nadlman J	Closed
80479 353 ONLNE	-----	-	10/22/18-12/16/18	Online	Fordham N	Closed

This is an 8-week Introduction to Law course. It begins on October 22 and ends on December 16. Students often take this course along with Introduction to Paralegal Studies-LAW 120-CRN: 80473 (see above) which is offered in the first 8 weeks of the 16-week semester in order to satisfy the prerequisites for the Paralegal Program in one semester.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Admission to the Paralegal program and LAW 121 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80481 001 F2F	---R---	07:00-09:50 PM	08/23/18-12/16/18	CC 331	Fordham N	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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirement: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80482 001 F2F	-T-----	07:00-09:50 PM	08/21/18-12/16/18	GEB 379	Nadlman J	Closed
83061 002 F2F	---R---	07:00-09:50 PM	08/23/18-12/13/18	GEB 379	Nadlman J	Closed

LAW 144 - Contract Law

Upon successful completion of this course, the student should be able to describe the elements of a contract and explain the formation of a contract. The student should be able to discuss the ways in which a contract is discharged, including discharge by performance or breach, relevant defenses and available remedies. The student should also be able to explain the rights and obligations of third parties to a contract. 3 hrs. lecture/wk.

Credit Hours: 3

Requirement: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80484 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80488 001 F2F	-T-----	07:00-09:50 PM	08/21/18-12/16/18	OCB 246	Manlove H	Closed

LAW 165 - Forensic Science and the Law

Upon successful completion of this course, the student should be able to explain legal constraints on the use of scientific evidence, including U.S. Supreme Court decisions and other legal rules. The student should be able to describe the major fields of forensic science and their applications, and explain current challenges facing the forensic science community and their implications for the application of forensic science to the law. The student should be able to explain career opportunities available to persons interested in a forensic-related career. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80489 001 F2F	--W----	07:00-09:50 PM	08/22/18-12/16/18	OCB 142	Fordham N	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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83051 001 F2F	--W----	04:00-06:50 PM	08/22/18-12/16/18	GEB 379	England R	Closed
80490 002 F2F	--W----	07:00-09:50 PM	08/22/18-12/16/18	GEB 379	England R	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: LAW 134 or CPCA 128 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80492 001 F2F	M-----	07:00-09:50 PM	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program and Prerequisite: LAW 195 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80494 376 HYB	-----	-	08/20/18-12/16/18	Online	Waldman E	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	LIB 357		

LAW 245 - Elder Law and Estate Planning

Upon successful completion of this course, the student should be able to explain the legal aspects of aging. The student should be able to discuss financial planning, healthcare, personal planning and protection, taxation, housing and other legal matters affecting the elder client. The student should also be able to articulate the use of wills and trusts in estate planning. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80495 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Simpson J	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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program Prerequisites: LAW 134 or department approval and Prerequisite or Corequisite: LAW 205

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80496 001 F2F	--W----	07:00-09:50 PM	08/22/18-12/16/18	LIB 353B	Nadlman J	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/lead/#LEAD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82381 01 F2F	M-----	02:00-04:50 PM	08/20/18-12/16/18	GEB 238	Page A Easley-Giraldo T	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Selective admissions approval and LI 130 and LI 140 (All courses must be completed with a grade of "C" or higher.) Corequisite: LI 160

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82592 376 HYB	-----	-	08/23/18-12/16/18	Online	Steck M	Closed
	---R---	06:00-08:50 PM	08/30/18-08/30/18	CC 325		
	---R---	06:00-08:50 PM	10/18/18-10/18/18	CC 325		
	---R---	06:00-08:50 PM	10/25/18-10/25/18	CC 325		
	---R---	06:00-08:50 PM	12/13/18-12/13/18	CC 325		

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Selective admissions approval and LI 130 and LI 140 (All courses must be completed with a grade of "C" or higher.) Corequisite: LI 150

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82590 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 352	Renna M	Closed

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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/libr/#LIBR_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82811 350 ONLNE	-----	-	09/17/18-11/10/18	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. 3 or 5 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80660 008 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 211	Gulati R	Closed
80661 010 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 209	Gulati R	Closed
80662 012 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 209	Gulati R	Closed
80672 050 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 209	Fortino L	Closed
80673 052 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 209	Fortino L	Closed
80676 100 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CLB 211	Palmer B	Closed
80682 202 F2F	M-W-F--	10:00-10:55 AM	09/05/18-12/16/18	CLB 211	Benes S	Closed
80899 204 F2F	M-W-F--	01:00-01:55 PM	09/05/18-12/16/18	CLB 211	Benes S	Closed
80900 300 ONLNE	-----	-	08/20/18-12/16/18	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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
80901 305 ONLINE	-----	-	08/20/18-12/16/18	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.

80902 350 ONLINE	-----	-	09/04/18-12/16/18	Online	Fischer E	Closed
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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.

82052 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Deas M	23 of 24
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Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

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. 3 or 5 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80903 001 F2F	MTWRF--	10:00-10:50 AM	08/20/18-12/16/18	CLB 203	Menning M	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
80930 010 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 402	Goodman C	Closed
<i>Co-requisite to enroll in MATH 116 (CRN 81769)</i>						
Note: Students enrolling in Math 115-010 must enroll in both Math 115-010 (CRN 80930) and MATH 116-010 (CRN 81769). This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.						
80933 020 F2F	M-W-F--	07:00-07:50 AM	08/20/18-12/16/18	CLB 205	Balman B	Closed
80936 022 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CLB 205	Whitford L	Closed
80939 024 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 205	Sutherlin C	Closed
80941 026 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 209	White D	Closed
80942 028 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 205	Turner W	Closed
80944 030 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 209	Whitford L	Closed
80946 032 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 205	White D	Closed
80948 036 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 205	Kempker K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
80951 038 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 211	Whitford L	Closed
80952 040 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 205	Kempker K	Closed
80955 042 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 205	Kempker K	Closed
80957 044 F2F	M-----	03:00-05:50 PM	08/20/18-12/16/18	CLB 211	Houghton J	Closed
81747 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CLB 205	Fischer E	Closed
81748 052 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 205	Barlow R	Closed
81749 054 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 205	Barlow R	Closed
81750 056 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 205	Jensen J	Closed
81751 058 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CLB 205	Mathur M	Closed
81752 060 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	CLB 205	Turner W	Closed
81754 102 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CLB 205	Turner W	Closed
81755 104 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CLB 203	Lemer A	Closed
81756 106 F2F	---F--	06:00-08:50 PM	08/24/18-12/16/18	CLB 205	Houghton J	Closed
81757 108 F2F	-----U	12:00-02:50 PM	08/26/18-12/16/18	CLB 205	Benes S	Closed
81758 200 F2F	M-W-F--	11:00-11:55 AM	09/05/18-12/16/18	CLB 211	Benes S	Closed
81759 202 F2F	-T-R---	08:00-09:25 AM	09/04/18-12/16/18	CLB 211	Hall S	Closed
81760 204 F2F	M-W----	06:00-07:25 PM	09/05/18-12/16/18	CLB 403	Irfan S	Closed
81761 206 F2F	-T-R---	04:00-06:50 PM	10/16/18-12/09/18	CLB 402	LeRoy J	Closed
81762 300 ONLNE	-----	-	08/20/18-12/16/18	Online	Lefert K	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.

81763 302 ONLNE	-----	-	08/20/18-12/16/18	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.

81764 304 ONLNE	-----	-	08/20/18-12/16/18	Online	Fischer E	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.

81765 306 ONLNE	-----	-	08/20/18-12/16/18	Online	Dunham J	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.

81766 350 ONLNE	-----	-	09/04/18-12/16/18	Online	Lefert K	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

81767 352 ONLINE	-----	-	09/04/18-12/16/18	Online	Malakhova N	Closed
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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.

82053 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Deas M	19 of 30
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Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)
Requirement: Department approval

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 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.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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81768 001 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	CLB 203	Turner W	Closed
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Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.

81769 010 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CLB 402	Goodman C	Closed
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Co-requisite to enroll in MATH 115 (CRN 80930)

Note: Students enrolling in Math 116-010 must enroll in both Math 116-010 (CRN 81769) and MATH 115-010 (CRN 80930). This is a Learning Community course combining Elementary Algebra and Intermediate Algebra. Students will be asked to learn all of the content from these two algebra classes during one semester. To accomplish this, students must be prepared to dedicate sufficient time and effort both inside and outside of the classroom. Students will earn 3 credit hours in Elementary Algebra and 3 credit hours in Intermediate Algebra for a total of 6 hours, which will transfer as if they were being taught in a traditional format.

81787 020 F2F	M-W-F--	07:00-07:50 AM	08/20/18-12/16/18	CLB 207	Asner V	Closed
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81802 022 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CLB 207	Asner V	Closed
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81803 024 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	OCB 332	White D	Closed
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81804 026 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 207	Barlow R	Closed
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81806 028 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	OCB 332	Turner W	Closed
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81807 030 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 207	Barlow R	Closed
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81808 032 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 332	Dunham J	Closed
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81809 034 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 207	Barlow R	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81810 036 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	OCB 332	Dunham J	Closed
81811 038 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 207	Wainwright F	Closed
81812 040 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	OCB 332	Church J	Closed
81813 042 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 207	Houghton J	Closed
81814 044 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	OCB 332	Church J	Closed
81815 046 F2F	--W----	03:00-05:50 PM	08/22/18-12/16/18	CLB 211	Houghton J	Closed
81816 048 F2F	M-W----	04:00-05:15 PM	08/20/18-12/16/18	CLB 207	Irfan S	Closed
81817 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CLB 207	Harris R	Closed
81818 052 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 207	Kennett J	Closed
81819 054 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 207	Wang S	Closed
81820 056 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 340	Kennett J	Closed
81821 058 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 207	Wang S	Closed
81822 060 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CLB 207	Sutherlin C	Closed
81823 062 F2F	-T-R---	04:30-05:45 PM	08/21/18-12/16/18	CLB 207	Thomas M	Closed
81824 100 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CLB 207	Worthy M	Closed
81825 102 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CLB 207	Herken P	Closed
81826 104 F2F	----F--	06:00-08:50 PM	08/24/18-12/16/18	CLB 207	Cooper S	Closed
81827 106 F2F	-----U	12:00-02:50 PM	08/26/18-12/16/18	CLB 207	Sandner M	Closed
81828 200 F2F	M-W-F--	08:00-08:55 AM	09/05/18-12/16/18	CLB 403	Lefert K	Closed
81829 202 F2F	M-W-F--	02:00-02:55 PM	09/05/18-12/16/18	CLB 211	Menning M	Closed
81830 204 F2F	-T-R---	09:30-10:55 AM	09/04/18-12/16/18	OCB 332	Caldwell B	Closed
81831 206 F2F	-T-R---	04:00-06:50 PM	10/16/18-12/09/18	CLB 203	Bischoff E	Closed
81832 208 F2F	---R---	06:00-09:00 PM	09/06/18-12/16/18	🚗 DSH 214	Davis P	Closed
81833 210 F2F	M-W----	06:00-07:25 PM	09/05/18-12/16/18	🚗 OHEC 105	Sandner M	Closed
81834 300 ONLNE	-----	-	08/20/18-12/16/18	Online	Kennett 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.

81835 302 ONLNE	-----	-	08/20/18-12/16/18	Online	Kennett J	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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
81836 304 ONLINE	-----	-	08/20/18-12/16/18	Online	Wang S	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.

81837 306 ONLINE	-----	-	08/20/18-12/16/18	Online	Kennett J	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.

81838 308 ONLINE	-----	-	08/20/18-12/16/18	Online	Imm C	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.

81839 310 ONLINE	-----	-	08/20/18-12/16/18	Online	Kennett J	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.

81840 352 ONLINE	-----	-	09/04/18-12/16/18	Online	Dickey 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 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.

81841 354 ONLINE	-----	-	09/04/18-12/16/18	Online	Dunham J	Closed
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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.

82054 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Deas M	15 of 30
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Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82055 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Veer P	27 of 30

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at 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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$25

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81842 020 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	SCI 122	Helgeson D	Closed
<i>Accelerating Opportunity KS</i>						
81843 022 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 315	Helgeson D	Closed
<i>Accelerating Opportunity KS</i>						
81844 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	OCB 332	Wainwright F	Closed
<i>Accelerating Opportunity KS</i>						
81845 052 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	OCB 332	Hall S	Closed
<i>Accelerating Opportunity KS</i>						
81846 100 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	CLB 209	Tomlin C	Closed
<i>Accelerating Opportunity KS</i>						
81847 102 F2F	M-----	01:00-03:50 PM	08/20/18-12/16/18	GEB 381	Byrne M	Closed
<i>Accelerating Opportunity KS</i>						
81855 200 F2F	-T-R---	02:00-03:25 PM	09/04/18-12/16/18	GEB 381	Byrne M	Closed
<i>Accelerating Opportunity KS</i>						
81856 300 ONLNE	-----	-	08/20/18-12/16/18	Online	Jacobs L	Closed
<i>Accelerating Opportunity KS</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.						
81857 302 ONLNE	-----	-	08/20/18-12/16/18	Online	Cooper B	Closed
<i>Accelerating Opportunity KS</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.						
81858 350 ONLNE	-----	-	09/04/18-12/16/18	Online	Cooper B	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Accelerating Opportunity KS

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.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 111 with a grade of "C" or higher or an appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81928 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CLB 209	Wang S	Closed
81929 052 F2F	-T-R---	02:30-03:45 PM	08/21/18-12/16/18	CLB 209	Wang S	Closed
81931 100 F2F	-T-R---	05:30-06:45 PM	08/21/18-12/16/18	CLB 403	Haehl M	Closed
81930 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Lewis 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.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 130 with a grade of "C" or higher or an appropriate score on a placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81861 050 F2F	-T-R---	05:30-06:45 PM	08/21/18-12/16/18	GEB 381	Valle C	Closed

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. 3 or 5 hrs./wk.


Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81863 001 F2F	MTWRF--	08:00-08:50 AM	08/20/18-12/16/18	CLB 203	Balman B	Closed
<i>KBOR Seamless Transfer</i>						
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
81895 002 F2F	MTWRF--	09:00-09:50 AM	08/20/18-12/16/18	CLB 203	Balman B	Closed
<i>KBOR Seamless Transfer</i>						
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
81896 003 F2F	MTWRF--	12:00-12:50 PM	08/20/18-12/16/18	CLB 203	Goodman C	Closed
<i>KBOR Seamless Transfer</i>						
Note: This 3 credit hour class meets more 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.						
81897 004 F2F	MTWRF--	02:00-02:50 PM	08/20/18-12/16/18	CLB 203	Siebert K	Closed
<i>KBOR Seamless Transfer</i>						
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor.						
81898 020 F2F	M-W-F--	07:00-07:50 AM	08/20/18-12/16/18	GEB 313	McCoy M	Closed
<i>KBOR Seamless Transfer</i>						
81899 022 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 313	McCoy M	Closed
<i>KBOR Seamless Transfer</i>						
81900 024 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 313	Wang S	Closed
<i>KBOR Seamless Transfer</i>						
81901 026 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 352	Harris R	Closed
<i>KBOR Seamless Transfer</i>						
81903 030 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 315	Jensen J	Closed
<i>KBOR Seamless Transfer</i>						
81904 032 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 313	Wang S	Closed
<i>KBOR Seamless Transfer</i>						
81905 034 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 313	Harris R	Closed
<i>KBOR Seamless Transfer</i>						
81906 036 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 340	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
81907 038 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 313	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
81908 040 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 209	Wainwright F	Closed
<i>KBOR Seamless Transfer</i>						
81909 042 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	GEB 313	Wainwright F	Closed
<i>KBOR Seamless Transfer</i>						
81910 044 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 207	Valle C	Closed
<i>KBOR Seamless Transfer</i>						
81911 046 F2F	M-W----	03:30-04:45 PM	08/20/18-12/16/18	GEB 313	Wainwright F	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81912 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 313	Dunham J	Closed
<i>KBOR Seamless Transfer</i>						
81913 052 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 313	Fischer E	Closed
<i>KBOR Seamless Transfer</i>						
81914 054 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	LIB 352	Lewis J	Closed
<i>KBOR Seamless Transfer</i>						
81915 056 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 313	Jacobs L	Closed
<i>KBOR Seamless Transfer</i>						
81916 058 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 211	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
81917 060 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 313	Jacobs L	Closed
<i>KBOR Seamless Transfer</i>						
81918 062 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 403	Harris R	Closed
<i>KBOR Seamless Transfer</i>						
81919 064 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 313	Hatcher D	Closed
<i>KBOR Seamless Transfer</i>						
81920 066 F2F	-T-R---	03:30-04:45 PM	08/20/18-12/16/18	GEB 313	Putnam T	Closed
<i>KBOR Seamless Transfer</i>						
81921 100 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 313	Greenwood J	Closed
<i>KBOR Seamless Transfer</i>						
81922 102 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 313	Cooper S	Closed
<i>KBOR Seamless Transfer</i>						
81923 104 F2F	-----S-	09:00-11:50 AM	08/25/18-12/16/18	CLB 203	Lewis J	Closed
<i>KBOR Seamless Transfer</i>						
81924 200 F2F	M-W-F--	02:00-02:55 PM	09/05/18-12/16/18	GEB 315	Sutherlin C	Closed
<i>KBOR Seamless Transfer</i>						
81925 202 F2F	-T-R---	02:00-03:25 PM	09/04/18-12/16/18	GEB 315	Jaggard C	Closed
<i>KBOR Seamless Transfer</i>						
81926 204 F2F	-T-R---	06:00-07:25 PM	09/04/18-12/16/18	 OHEC 105	Jaggard C	Closed
<i>KBOR Seamless Transfer</i>						
81927 206 F2F	M-W----	04:00-06:50 PM	10/15/18-12/09/18	OCB 332	Jaggard C	Closed
<i>KBOR Seamless Transfer</i>						
81932 208 F2F	-T-R---	04:00-06:50 PM	10/16/18-12/09/18	OCB 332	Irfan S	Closed
<i>KBOR Seamless Transfer</i>						
81933 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Dunham J	Closed
<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.						
81934 302 ONLINE	-----	-	08/20/18-12/16/18	Online	Barlow R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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.

81935	304 ONLNE	-----	-	08/20/18-12/16/18	Online	Barlow R	Closed
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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.

81936	306 ONLNE	-----	-	08/20/18-12/16/18	Online	Imm C	Closed
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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.

81937	308 ONLNE	-----	-	08/20/18-12/16/18	Online	Hatcher D	Closed
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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.

81952	310 ONLNE	-----	-	08/20/18-12/16/18	Online	Hatcher D	Closed
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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.

81953	312 ONLNE	-----	-	09/04/18-12/16/18	Online	Imm C	Closed
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KBOR Seamless Transfer

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.

81954	314 ONLNE	-----	-	09/04/18-12/16/18	Online	Hatcher D	Closed
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KBOR Seamless Transfer

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.

83118	316 ONLNE	-----	-	09/04/18-12/16/18	Online	Palcic R	Closed
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KBOR Seamless Transfer

82057	450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Deas M	34 of 50
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KBOR Seamless Transfer

Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

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.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81955 020 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CLB 209	McChesney T	Closed
<i>KBOR Seamless Transfer</i>						
81956 022 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 213	McChesney T	Closed
<i>KBOR Seamless Transfer</i>						
81957 024 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 209	Mathur M	Closed
<i>KBOR Seamless Transfer</i>						
81958 050 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 381	Jensen J	Closed
<i>KBOR Seamless Transfer</i>						
81959 052 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CLB 209	Lewis J	Closed
<i>KBOR Seamless Transfer</i>						
81960 100 F2F	-T-R---	06:00-07:15 PM	08/21/18-12/16/18	CLB 209	Putnam T	Closed
<i>KBOR Seamless Transfer</i>						
81961 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Lewis J	Closed
<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.						
82058 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Veer P	22 of 30
<i>KBOR Seamless Transfer</i>						
Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at 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 (http://www.jccc.edu/academics/math-science/mathematics/self-paced.html)						
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.

Note: MATH 173 is not required for calculus, although it can satisfy the prerequisite for calculus. Read the course description for Calculus I (MATH 241) and Business and Applied Calculus (MATH 231 and MATH 232) to see what the requirements for those courses are. If you have any questions, please talk with the Dean of Mathematics.

Credit Hours: 5

Associated Costs: \$0 to \$100

Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_173)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81962 020 F2F	MTWRF--	09:00-09:50 AM	08/20/18-12/16/18	CLB 403	Edmonds B	Closed
81963 022 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	GEB 381	Goodman C	Closed
81964 024 F2F	MTWRF--	01:00-01:50 PM	08/20/18-12/16/18	CLB 203	Dotson G	Closed
81965 050 F2F	-T-R---	03:30-05:45 PM	08/21/18-12/16/18	GEB 340	Hatcher D	Closed
81966 200 F2F	MTWRF--	02:00-02:55 PM	09/04/18-12/16/18	CLB 403	Houghton J	Closed

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. 3 hrs. lecture/wk.

Note: A statistical package using the computer is a required part of instruction. No computer skills are necessary.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81968 020 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 340	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
81969 022 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 213	Helgeson D	Closed
<i>KBOR Seamless Transfer</i>						
81970 024 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 213	Siebert K	Closed
<i>KBOR Seamless Transfer</i>						
81971 026 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 213	Valle C	Closed
<i>KBOR Seamless Transfer</i>						
81972 028 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 213	Grondahl R	Closed
<i>KBOR Seamless Transfer</i>						
81973 030 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	CLB 213	Gibbs A	Closed
<i>KBOR Seamless Transfer</i>						
81974 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CLB 213	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
81975 052 F2F	-T-R---	09:30-10:45 AM	08/20/18-12/16/18	CLB 213	Palcic R	Closed
<i>KBOR Seamless Transfer</i>						
81976 054 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 213	Palcic R	Closed
<i>KBOR Seamless Transfer</i>						
81977 056 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 340	Gibbs A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81978 058 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CLB 213	Gibbs A	Closed
<i>KBOR Seamless Transfer</i>						
81979 100 F2F	M-W----	04:30-05:45 PM	08/20/18-12/16/18	CLB 213	Valle C	Closed
<i>KBOR Seamless Transfer</i>						
81980 102 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CLB 213	Haverhals E	Closed
<i>KBOR Seamless Transfer</i>						
81981 104 F2F	----S-	09:00-11:50 AM	08/25/18-12/16/18	CLB 213	Shehab S	Closed
<i>KBOR Seamless Transfer</i>						
81982 200 F2F	M-W-F--	08:00-08:55 AM	09/05/18-12/16/18	CLB 213	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
81983 202 F2F	-T-R---	12:30-01:55 PM	09/04/18-12/16/18	CLB 213	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
81984 300 ONLNE	-----	-	08/20/18-12/16/18	Online	Gibbs A	Closed
<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.						
81985 302 ONLNE	-----	-	08/20/18-12/16/18	Online	Gibbs A	Closed
<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.						
81986 304 ONLNE	-----	-	08/20/18-12/16/18	Online	Palcic R	Closed
<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.						
81987 306 ONLNE	-----	-	08/20/18-12/16/18	Online	Palcic R	Closed
<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.						
81988 352 ONLNE	-----	-	09/04/18-12/16/18	Online	Palcic R	Closed
<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.						
83260 360 ONLNE	-----	-	12/12/18-01/09/19	Online	Jacobs L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

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.

82060 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Veer P	16 of 30
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KBOR Seamless Transfer

Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at 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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)
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. 3 hrs. lecture and 2 hrs. lab/wk.

Note: MATH 191 and PHYS 191 are the same course; do not enroll in both.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on math placement test and GAME 121.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82322 001 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	RC 380	Grondahl R	Closed
	Lab M-----	03:00-04:50 PM	08/20/18-12/16/18	RC 380		

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81990 022 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 381	Jensen J	Closed
81991 024 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 381	Jensen J	Closed

KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81992 050 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 381	Lefert K	Closed
<i>KBOR Seamless Transfer</i>						
81993 052 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 381	Hatcher D	Closed
<i>KBOR Seamless Transfer</i>						
81994 100 F2F	M-W----	06:00-07:15 PM	08/20/18-12/16/18	GEB 381	VanLeeuwen F	Closed
<i>KBOR Seamless Transfer</i>						
81995 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Dunham J	Closed

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.

81996 350 ONLINE	-----	-	09/04/18-12/16/18	Online	Lefert K	Closed
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KBOR Seamless Transfer

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.

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. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to \$100

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

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81997 020 F2F	MTWRF--	08:00-08:50 AM	08/20/18-12/16/18	CLB 402	Sutherland C	Closed
<i>KBOR Seamless Transfer</i>						
81998 022 F2F	MTWRF--	09:00-09:50 AM	08/20/18-12/16/18	CLB 402	Menning M	Closed
<i>KBOR Seamless Transfer</i>						
81999 024 F2F	MTWRF--	10:00-10:50 AM	08/20/18-12/16/18	GEB 315	Haehl M	Closed
<i>KBOR Seamless Transfer</i>						
82000 026 F2F	MTWRF--	11:00-11:50 AM	08/20/18-12/16/18	CLB 402	Menning M	Closed
<i>KBOR Seamless Transfer</i>						
82001 028 F2F	MTWRF--	01:00-01:50 PM	08/20/18-12/16/18	CLB 402	McChesney T	Closed
<i>KBOR Seamless Transfer</i>						
82002 030 F2F	M-W-F--	12:00-01:25 PM	08/20/18-12/16/18	CLB 403	Lewis J	Closed
<i>KBOR Seamless Transfer</i>						
82003 100 F2F	-T-R---	06:00-08:15 PM	08/21/18-12/16/18	GEB 315	Dotson G	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
82004 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Edmonds B	Closed

KBOR Seamless Transfer

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.

82059 450 SEL	-----	-	08/20/18-12/15/19	Self Paced	Veer P	16 of 30
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KBOR Seamless Transfer

Note: Fall students can begin their study in this self-paced math course up through November 1, 2018, however department approval to enroll is required. To begin the pre-approval process, contact the instructor, Phil Veer, at 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> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

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. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: MATH 241 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82005 020 F2F	MTWRF--	08:00-08:50 AM	08/20/18-12/16/18	GEB 315	Jacobs L	Closed
82006 022 F2F	MTWRF--	09:00-09:50 AM	08/20/18-12/16/18	GEB 315	Jacobs L	Closed
82007 024 F2F	MTWRF--	10:00-10:50 AM	08/20/18-12/16/18	CLB 403	Grondahl R	Closed
82008 026 F2F	MTWRF--	12:00-12:50 PM	08/20/18-12/16/18	CLB 402	Edmonds B	Closed
82009 100 F2F	M-W----	06:00-08:15 PM	08/20/18-12/16/18	CLB 211	Dotson G	Closed
82010 300 ONLINE	-----	-	08/20/18-12/16/18	Online	Grondahl R	Closed

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.

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. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to \$100

Prerequisite: MATH 242 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82011 010 F2F	MTWRF--	10:00-10:50 AM	08/20/18-12/16/18	CLB 402	Edmonds B	Closed
82012 020 F2F	MTWRF--	01:00-01:50 PM	08/20/18-12/16/18	GEB 315	Siebert K	Closed
82013 100 F2F	M-W----	06:00-08:15 PM	08/20/18-12/16/18	GEB 315	Baldwin R	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 242 or an equivalent course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82014 020 F2F	M-W----	01:00-02:15 PM	08/20/18-12/16/18	GEB 340	Imm C	Closed

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 cimm@jccc.edu

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. 4 hrs. lecture/wk.

Credit Hours: 4

Associated Costs: \$0 to \$100

Prerequisite: MATH 243 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82015 020 F2F	M-W----	10:00-11:50 AM	08/20/18-12/16/18	GEB 340	Imm C	Closed

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. 4 hrs. lecture/wk. Students transferring MATH 285 to KU must have CIS 201 as a corequisite.

Credit Hours: 4

Associated Costs: \$0 to \$100

Prerequisite: MATH 231 or MATH 241 or an equivalent course with a grade of "C" or higher Note: Students transferring MATH 285 to the University of Kansas must have CIS 201 as a corequisite.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82016 020 F2F	MTWR---	09:00-09:50 AM	08/20/18-12/16/18	GEB 340	Keslar C	Closed
82017 100 F2F	M-W----	06:00-07:50 PM	08/20/18-12/16/18	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). 1hr lecture and 4hrs lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80893 001 F2F	MTWR---	12:00-12:50 PM	08/20/18-09/13/18	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	08/20/18-09/13/18	ATB 150		
<i>Co-requisite to enroll in SB 155 Excel in CTE</i>						
80838 002 F2F	-T-----	08:00-08:50 AM	08/21/18-12/16/18	ATB 133	Crompton S	Closed
	Lab -T-----	09:00-12:50 PM	08/21/18-12/16/18	ATB 150		
<i>SB 155 Excel in CTE</i>						
80847 003 F2F	M-----	08:00-08:50 AM	08/20/18-12/16/18	ATB 131	Crompton S	Closed
	Lab M-----	09:00-12:50 PM	08/20/18-12/16/18	ATB 150		
<i>SB 155 Excel in CTE</i>						
80851 004 F2F	---F--	08:00-08:50 AM	08/24/18-12/16/18	ATB 131	Crompton S	Closed
	Lab ---F--	09:00-12:50 PM	08/24/18-12/16/18	ATB 150		

SB 155 Excel in CTE

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. 1 hr. lecture, 4 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$80

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80852 001 F2F	-T-----	05:00-05:50 PM	08/21/18-12/16/18	ATB 128	Poe A	Closed
	Lab -T-----	06:00-09:50 PM	08/21/18-12/16/18	ATB 146		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
82792 002 F2F	M-----	05:00-05:50 PM	08/20/18-12/16/18	ATB 142	Poe A	Closed
	Lab M-----	06:00-09:50 PM	08/20/18-12/16/18	ATB 146		

SB 155 Excel in CTE

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. 1hr. lecture, 4 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 124

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80895 001 F2F	MTWR---	12:00-12:50 PM	09/17/18-10/11/18	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	09/17/18-10/11/18	ATB 150		

SB 155 Excel in CTE

Co-requisite to enroll in MFAB 133 (CRN 80896) and MFAB 136 (CRN 80898)

Note: Students must enroll in all three sections: MFAB 131 (80895), MFAB 133 (80896) AND MFAB 136 (80898)

83301 002 F2F	-----	-	08/20/18-12/16/18		Neal-Stovall M	Full
	Lab -----	-	08/20/18-12/16/18			

SB 155 Excel in CTE

Requirement: Department approval

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. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 120 or MFAB 124 or MFAB 127

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80896 001 F2F	MTWR---	12:00-12:50 PM	10/15/18-11/08/18	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	10/15/18-11/08/18	ATB 150		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Co-requisite to enroll in MFAB 131 (CRN 80895) and MFAB 136 (CRN 80898)</i>						
<i>SB 155 Excel in CTE MFAB 131 (CRN 80895) and MFAB 136 (CRN 80898)</i>						
Note: Students must enroll in all three sections: MFAB 131 (80895), MFAB 133 (80896) AND MFAB 136 (80898)						
82602 002 F2F	---R---	05:00-05:50 PM	08/23/18-12/16/18	ATB 128	Ingram W	Closed
	Lab ---R---	06:00-09:50 PM	08/23/18-12/16/18	ATB 150		

SB 155 Excel in CTE

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. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 124

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80898 001 F2F	MTWR---	12:00-12:50 PM	11/12/18-12/06/18	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	11/12/18-12/06/18	ATB 150		

Co-requisite to enroll in MFAB 131 (CRN 80895) and MFAB 133 (CRN 80896)

SB 155 Excel in CTE MFAB 131 (CRN 80895) and MFAB 133 (CRN 80896)

Note: Students must enroll in all three sections: MFAB 131 (80895), MFAB 133 (80896) AND MFAB 136 (80898)

82600 002 F2F	--W----	05:00-05:50 PM	08/22/18-12/16/18	ATB 127	Massey J	Closed
	Lab --W----	06:00-09:50 PM	08/22/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80853 001 F2F	M-----	06:00-07:50 PM	08/20/18-12/16/18	ATB 127	Pommier G	Closed

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. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 131

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80855 001 F2F	---R---	05:00-05:50 PM	08/23/18-12/16/18	WLB 102	Neal-Stovall M	Closed
	Lab ---R---	06:00-09:50 PM	08/23/18-12/16/18	WLB 130		

SB 155 Excel in CTE

MFAB 210 - Gas Metal Arc Welding (GMAW) II

Upon completion of this course the student should be able to perform more advanced welds in selected positions on a variety of metal thicknesses. Mild steel, stainless steel, and aluminum metals will be utilized. Emphasis will be on short circuit, spray arc and pulse arc modes of metal transfer using larger diameter wire electrode. Industry standard testing techniques will be used. 1 hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 133

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80856 001 F2F	-T-----	05:00-05:50 PM	08/21/18-12/16/18	ATB 142	Ingram W	Closed
	Lab -T-----	06:00-09:50 PM	08/21/18-12/16/18	ATB 150		

SB 155 Excel in CTE

MFAB 215 - Fabrication Practices I

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock building section. This class is a capstone course and is intended to serve all MFAB graduate students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices I class is part one of an advanced comprehensive class intended to put to practical use the skills obtained throughout the existing Metal Fabrication and Welding Technology Career program. This class will put emphasis on structural steel fabrication, erection, and assembly. The coursework will focus on modern welding fabrication techniques and practices used in the manufacturing and installation of structural steel, piping systems, and miscellaneous welded mechanical items. Students will work in teams of three or four persons. 1 hr. lecture, 6 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisites: MFAB 131 and MFAB 133 and MFAB 136

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80858 001 F2F	--W----	05:00-05:50 PM	08/22/18-12/16/18	WLB 102	Crompton S	Closed
	Lab --W----	06:00-09:50 PM	08/22/18-12/16/18	WLB 152		

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. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 133

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80871 001 F2F	M-----	05:00-05:50 PM	08/20/18-12/16/18	WLB 102	Neal-Stovall M	Closed
	Lab M-----	06:00-09:50 PM	08/20/18-12/16/18	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. 2 hrs. lecture-demonstration/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80872 001 F2F	----F--	10:00-11:50 AM	08/24/18-12/16/18	ATB 131	Tremain R	Closed

SB 155 Excel in CTE

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. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 136

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80873 001 F2F	M-----	05:00-05:50 PM	08/20/18-12/16/18	ATB 133	Massey J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab M-----	06:00-09:50 PM	08/20/18-12/16/18	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. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$85

Prerequisite: MFAB 128

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80874 001 F2F	---R---	05:00-05:50 PM	08/23/18-12/16/18	ATB 127	Tanking J	Closed
	Lab ---R---	06:00-09:50 PM	08/23/18-12/16/18	ATB 146		

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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82159 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: HCIS 255

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82160 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82161 350 ONLINE	-----	-	08/20/18-12/16/18	Online	King C	Closed
83036 351 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisites: BIOL 144 and HC 130 and MIRM 140

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82163 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	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. 3 hrs. lecture/wk. This course is taught in the spring semester.

Note: Students are recommended to concurrently enroll in BIOL 227.

Credit Hours: 3

Prerequisite: MIRM 143

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82164 001 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	RC 221	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MIRM 143

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82165 350 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/instructional lab/wk. This course is taught in the fall semester.

Credit Hours: 3

Prerequisite: MIRM 144

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82166 001 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	RC 221	Kraus A	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.

Note: Students must complete all other required certificate coursework with a 'C' or higher grade to enroll in this course.

Credit Hours: 1

Prerequisite or Corequisite: MIRM 146 and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82168 500 INT	M-----	05:00-05:50 PM	08/20/18-08/20/18	RC 185	Kraus A	Closed
	-----	-	08/20/18-12/16/18			

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81182 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Millard B	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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. Students who have received credit for MKT 133 may not receive credit for MKT 134. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81183 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	LIB 353B	Hulen P	Closed
81184 350 ONLINE	-----	-	08/27/18-12/16/18	Online	Hulen P	Closed
81185 351 ONLINE	-----	-	10/15/18-12/09/18	Online	Smith B	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81186 350 ONLINE	-----	-	08/27/18-12/16/18	Online	Spilde B	Closed
81187 351 ONLINE	-----	-	09/04/18-12/16/18	Online	Spilde B	Closed

SB 155 Excel in CTE

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
81490	352	ONLNE	-----	-	10/15/18-12/09/18	Online Lambert D Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81188	376	HYB	-----	-	08/27/18-12/16/18	Online Hulen P Closed
			--R--	02:00-04:30 PM	09/06/18-09/06/18	
			--R--	02:00-04:30 PM	10/04/18-10/04/18	
			--R--	02:00-04:30 PM	11/01/18-11/01/18	
			--R--	02:00-04:30 PM	12/06/18-12/06/18	

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81189	001	F2F	-T-R--	09:30-10:45 AM	08/21/18-12/16/18	OCB 142 Lundeen S Closed
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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.						
81190	350	ONLNE	-----	-	09/04/18-12/16/18	Online Lundeen S Closed

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81192 350 ONLNE	-----	-	08/27/18-12/16/18	Online	Webb E	Closed
<i>SB 155 Excel in CTE</i>						
83060 351 ONLNE	-----	-	10/15/18-12/09/18	Online	Hollister A	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81193 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 142	Van Sickle J	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81194 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	OCB 142	Van Sickle J	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81195 003 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	OCB 142	Van Sickle J	Closed
<i>SB 155 Excel in CTE</i>						

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

CRN	Days	Time	Date	Location	Instructor	Seats Open
81196 004 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	LIB 353B	Millard B	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81424 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Millard B	Closed
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SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81425 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Millard B	Closed
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SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81426 352 ONLNE	-----	-	09/04/18-12/16/18	Online	Hulen P	Closed
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SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This is a DayOne Access course. Your textbook is listed as a fee. No additional text will be required.

81427 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Hulen P	Closed
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SB 155 Excel in CTE

83300 354 ONLNE	-----	-	12/12/18-01/09/19	Online	Hulen P	Closed
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SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81428 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 218	Smith B	Closed

SB 155 Excel in CTE

81429 350 ONLNE	-----	-	09/04/18-12/16/18	Online	Smith B	Closed
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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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81430 350 ONLINE	-----	-	09/10/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81431 500 INT	-----	-	08/20/18-12/16/18		Millard B	Full

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.

Credit Hours: 1

Prerequisite: MKT 284

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81432 500 INT	-----	-	08/20/18-12/16/18		Millard B	3 of 8

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MKT 134 and MKT 205 and MKT 230 or department approval Prerequisite or corequisite: MKT 180

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81433 960 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81770 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 144	Peters C	Closed
81771 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	OCB 144	Ray J	Closed
81772 003 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	OCB 144	Pischnotte Z	Closed
81773 004 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	OCB 144	Ray J	Closed
81774 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Kern J	Closed
81775 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Peters C	Closed
81777 354 ONLINE	-----	-	08/20/18-12/16/18	Online	Pischnotte Z	Closed

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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81779 002 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	OCB 192	Shiflett K	Closed
81780 201 F2F	-T-----	06:00-08:00 PM	09/04/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82809 001 F2F	M-W----	11:00-11:50 AM	08/20/18-12/16/18	OCB 144	Shiflett K	Closed
82810 002 F2F	-T-R---	12:30-01:20 PM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81781 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	OCB 144	Heinlein R	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$45

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81784 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	LIB 353B	Fitzer H	Closed
81785 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Fitzer H	Closed
81786 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Fitzer H	Closed
83291 353 ONLNE	-----	-	12/12/18-01/09/19	Online	Fitzer H	Closed

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. 2 hrs.

lecture/wk.

Credit Hours: 2

Prerequisite: MUS 123 recommended, but not required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81788 001 F2F	-T-R---	10:00-10:50 AM	08/21/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MUS 123 recommended, but not required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81789 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	OCB 192	Teal T	Closed
<i>KBOR Seamless Transfer</i>						
81790 351 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81791 201 F2F	M-W-F--	02:00-02:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 151 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81792 201 F2F	M-W-F--	02:00-02:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 152 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_153)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81793 201 F2F	M-W-F--	02:00-02:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 153 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81794 201 F2F	M-W-F--	02:00-02:50 PM	09/05/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81795 001 F2F	M-W----	01:00-01:50 PM	08/20/18-12/16/18	OCB 364	King-Smith T	Closed
81796 002 F2F	M-W----	02:00-02:50 PM	08/20/18-12/16/18	OCB 364	King-Smith T	Closed
81797 003 F2F	M-W----	03:00-03:50 PM	08/20/18-12/16/18	OCB 364	King-Smith T	Closed
81798 004 F2F	M-W----	04:00-04:50 PM	08/20/18-12/16/18	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. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81799 001 F2F	-T-R---	09:00-10:50 AM	08/21/18-12/16/18	OCB 364	Moreland M	Closed
81800 002 F2F	-T-R---	11:00-12:50 PM	08/21/18-12/16/18	OCB 364	Kern J	Closed
81801 003 F2F	-T-R---	03:00-04:50 PM	08/21/18-12/16/18	OCB 364	Olvera V	Closed
81848 376 HYB	-----	-	08/20/18-12/16/18	Online	Olvera V	Closed
	-T-R---	05:00-05:50 PM	08/21/18-12/16/18	OCB 364		

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. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Prerequisite: MUS 155 or MUS 156

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_157)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81849 001 F2F	-T-R---	01:00-02:50 PM	08/21/18-12/16/18	OCB 364	Olvera V	Closed
81851 003 F2F	--W-F--	11:00-12:50 PM	08/22/18-12/16/18	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. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Prerequisite: MUS 157

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81852 001 F2F	M-W----	10:00-12:20 PM	08/20/18-12/16/18	OCB 108	Ransom T	Closed
81853 002 F2F	-T-R---	12:00-02:20 PM	08/21/18-12/16/18	OCB 108	Moreland M	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. 3 lecture, 2 hrs. lab/wk.

Credit Hours: 4

Prerequisites: MUS 158

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_159)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81854 001 F2F	M-W----	12:30-02:50 PM	08/20/18-12/16/18	OCB 108	Ransom T	Closed

MUS 160 - Recording Studio Lab

This course is designed for students interested in learning how to work in a digital recording studio. Students will prepare for and conduct recording sessions and mix down sessions. Students will gain real world, hands-on experience as a studio musician, audio engineer and musical producer. 2 1/2 hrs. integrated lecture lab/wk.

Credit Hours: 2

Associated Costs: \$20 - 100

Prerequisite: MUS 158

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82793 001 F2F	M-----	03:00-05:20 PM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81859 201 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 161 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_162)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81860 201 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 162 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_163)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81864 201 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 163 and audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_164)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81865 201 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81866 001 F2F	-T-R---	12:30-01:20 PM	08/21/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: MUS 169

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81867 001 F2F	-T-R---	12:30-01:20 PM	08/21/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81868 201 F2F	M-W-F--	12:00-12:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 176 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_177)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81869 201 F2F	M-W-F--	12:00-12:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 177 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81870 201 F2F	M-W-F--	12:00-12:50 PM	09/05/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisites: MUS 178 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_179)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81871 201 F2F	M-W-F--	12:00-12:50 PM	09/05/18-12/16/18	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81872 001 F2F	M-----	01:00-04:50 PM	08/20/18-12/16/18	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. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisite: Audition

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_187)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81874 001 F2F	-T-R---	12:30-01:20 PM	08/21/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81875 201 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk..

Credit Hours: 1

Prerequisites: MUS 191 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81876 201 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 192 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_193)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81877 201 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	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. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 193 or audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_194)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81878 201 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	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. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81879 001 F2F	----F--	08:00-08:50 AM	08/24/18-12/16/18	OCB 182	Heinlein R	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. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: MUS 201 or placement by instructor

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81880 001 F2F	----F--	08:00-08:50 AM	08/24/18-12/16/18	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. 2 hrs./wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81881 001 F2F	-T-R---	06:00-06:50 PM	08/21/18-12/16/18	OCB 362	Peters C	Closed
81882 002 F2F	--W-F--	09:00-09:50 AM	08/22/18-12/16/18	OCB 362	Pretzel M	Closed
81883 003 F2F	--W-F--	11:00-11:50 AM	08/22/18-12/16/18	OCB 362	Pretzel M	Closed
81884 004 F2F	--W-F--	10:00-10:50 AM	08/22/18-12/16/18	OCB 362	Pretzel M	Closed
81885 005 F2F	-T-R---	10:00-10:50 AM	08/21/18-12/16/18	OCB 362	Pretzel M	Closed
81886 006 F2F	M-W----	12:00-12:50 PM	08/20/18-12/16/18	OCB 362	Peters C	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. 2 hrs./wk.

Credit Hours: 2

Prerequisites: MUS 221 and department approval required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81887 001 F2F	-T-R---	11:00-11:50 AM	08/21/18-12/16/18	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. 1 hr./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81888 001 F2F	M-----	12:00-12:50 PM	08/20/18-12/16/18	OCB 192	Fitzer H	Closed
81890 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Fitzer H	Closed

MUS 234 - Applied Voice IV (Private)

This course uses private lessons to continue instruction in intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Prerequisite: MUS 233

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83324 604 PVL	-----	-	08/20/18-12/16/18	OCB 184	Shiflett K	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.

Credit Hours: 1

Prerequisite: MUS 248 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_249)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83112 601 PVL	-----	-	08/20/18-12/16/18		Fitzer H	Full

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. 3 hrs. lecture/wk. and 2 hrs. lab/wk.

Credit Hours: 4

Requirements: Admission to the Neurodiagnostic Program Corequisites: EMS 121 and NDT 130 and NDT 135

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81589 001 F2F	-T-R---	08:00-12:00 PM	08/21/18-10/11/18	 OHEC	Portmann R	Closed
	Lab -T-----	01:00-05:00 PM	08/21/18-10/09/18	 OHEC		

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. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Neurodiagnostic Program Corequisites: NDT 125 and NDT 135 Prerequisite or corequisite: EMS 121

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81592 001 F2F	---R---	01:00-04:00 PM	08/23/18-12/16/18	 OHEC	Sanner C McGinnis S	Closed

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. 3 hrs. lecture/wk. and 4 hrs. lab/wk.

Credit Hours: 5

Requirements: Admission to the Neurodiagnostic Program Corequisites: EMS 121 and NDT 125 and NDT 130

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81593 001 F2F	-T-R---	08:00-12:00 PM	10/16/18-12/06/18	 OHEC	Sanner C Portmann R	Closed
	Lab -T-----	01:00-05:00 PM	10/16/18-12/04/18	 OHEC		

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. 7 hrs. integrated/lecture/lab/wk.

Credit Hours: 5

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) Corequisites: NDT 230 and NDT 240

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81594 001 F2F	-T-----	08:00-12:00 PM	08/21/18-12/16/18	 OHEC	Sanner C Portmann R	Closed
	-T-----	01:00-04:00 PM	08/21/18-12/16/18	 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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) Corequisites: NDT 225 and NDT 240

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81595 001 F2F	M-----	09:00-12:00 PM	08/20/18-12/16/18	 OHEC	Sanner C Portmann R	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

Credit Hours: 4

Prerequisites: NDT 140 and NDT 145 and NDT 150 and NDT 155 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 225 and NDT 230

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81596 001 CLI	M-W-F--	07:00-04:00 PM	08/20/18-12/16/18	 OHEC	Sanner C Portmann R	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.

Credit Hours: 8

Requirements: Admission to the Nursing Program **Prerequisite or Corequisite:** BIOL 227 **Corequisite:** NURS 125

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82788 001 F2F	M-----	08:00-01:29 PM	08/20/18-08/20/18	RC 101C	Deines W Plank K Gibbar S Aks N Duggan C Carver K LaMartina K Barlett M Ronnebaum E Ritter M McNally J Vraich P Quinn R Gilbert T Ramlow C Vezendan C Akpovona I	Closed
	M-----	08:00-01:29 PM	08/20/18-08/20/18	RC 101D		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	01:30-02:30 PM	08/20/18-08/20/18	SCI 222		
	-T-----	08:00-03:00 PM	08/21/18-08/21/18	SCI 222		
	--W----	08:00-02:00 PM	08/22/18-08/22/18	SCI 222		
	---R---	08:00-01:00 PM	08/23/18-08/23/18	SCI 222		
	----F--	08:00-01:00 PM	08/24/18-08/24/18	SCI 222		
	M-----	12:00-03:00 PM	08/27/18-08/27/18	SCI 222		
	----F--	08:00-03:30 PM	09/07/18-09/07/18	CLB 111		
	----F--	08:00-03:30 PM	09/07/18-09/07/18	CLB 113		
	M-----	08:00-04:00 PM	09/10/18-09/10/18	SCI 222		
	M-----	08:00-03:00 PM	09/17/18-09/17/18	SCI 222		
	M-----	12:00-12:50 PM	09/17/18-09/17/18	CC 211		
	----F--	08:00-02:00 PM	09/21/18-09/21/18	SCI 222		
	M-----	08:00-02:30 PM	09/24/18-09/24/18	SCI 222		
	M-----	08:00-12:00 PM	10/08/18-10/08/18	SCI 222		
	----F--	08:00-03:00 PM	10/12/18-10/12/18	CLB 111		
	----F--	08:00-03:00 PM	10/12/18-10/12/18	CLB 113		
	----F--	08:00-03:00 PM	10/12/18-10/12/18	SCI 222		
	M-----	12:30-03:30 PM	10/15/18-10/15/18	RC 101C		
	M-----	12:30-03:30 PM	10/15/18-10/15/18	RC 101D		
	----F--	08:00-03:00 PM	10/19/18-10/19/18	CLB 111		
	----F--	08:00-03:00 PM	10/19/18-10/19/18	CLB 113		
	M-----	08:00-11:00 AM	10/22/18-10/22/18	SCI 222		
	M-----	12:00-04:00 PM	10/22/18-10/22/18	SCI 222		
	M-----	08:00-03:00 PM	10/29/18-10/29/18	SCI 222		
	M-----	08:00-02:00 PM	11/05/18-11/05/18	SCI 222		
	----F--	08:00-05:00 PM	11/09/18-11/09/18	SCI 222		
	M-----	08:00-05:00 PM	11/12/18-11/12/18	CC 232		
	M-----	08:00-05:00 PM	11/12/18-11/12/18	SCI 222		
	---R---	08:00-04:00 PM	11/15/18-11/15/18	CLB 111		
	---R---	08:00-04:00 PM	11/15/18-11/15/18	CLB 113		
	----F--	08:00-04:00 PM	11/16/18-11/16/18	CLB 111		
	----F--	08:00-04:00 PM	11/16/18-11/16/18	CLB 113		
	M-----	08:00-03:00 PM	11/19/18-11/19/18	SCI 222		
	----F--	08:00-01:00 PM	12/07/18-12/07/18	SCI 222		
	--W----	12:30-01:00 PM	12/12/18-12/12/18	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.

Credit Hours: 3

Requirements: Admission to Nursing Program Corequisite: NURS 100

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82789 376 HYB	M-----	08:00-11:00 AM	08/27/18-08/27/18	SCI 222	Deines W Gibbar S Duggan C Carver K LaMartina K Barlett M Ronnebaum E Ritter M McNally J Vraich P Quinn R Gilbert T Vezendan C Akpovona I	Closed
	-T-----	09:00-02:00 PM	08/28/18-08/28/18	CLB 111		
	--W----	09:00-02:00 PM	08/29/18-08/29/18	CLB 111		
	-T-----	08:30-05:00 PM	09/04/18-09/04/18	CLB 111		
	--W----	08:30-05:00 PM	09/05/18-09/05/18	CLB 111		
	-T-----	08:30-05:00 PM	09/11/18-09/11/18	CLB 111		
	-T-----	11:00-04:30 PM	09/11/18-09/11/18	SCI 222		
	--W----	08:30-05:00 PM	09/12/18-09/12/18	CLB 111		
	--W----	11:00-04:30 PM	09/12/18-09/12/18	SCI 222		
	-T-----	08:00-04:00 PM	09/18/18-09/18/18	CLB 111		
	--W----	08:00-04:00 PM	09/19/18-09/19/18	CLB 111		
	M-----	08:00-02:00 PM	10/01/18-10/01/18	CLB 111		
	-T-----	08:00-02:00 PM	10/02/18-10/02/18	CLB 111		
	----F--	08:00-03:30 PM	10/05/18-10/05/18	CLB 111		
	----F--	08:00-03:30 PM	10/05/18-10/05/18	CLB 113		
	M-----	11:00-11:30 AM	10/22/18-10/22/18	SCI 222		
	M-----	02:00-02:50 PM	12/10/18-12/10/18	SCI 222		
	--W----	12:30-01:00 PM	12/12/18-12/12/18	SCI 222		

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.

Credit Hours: 10

Requirements: Admission to the Nursing Program and Prerequisites: NURS 150 and PSYC 218

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82790 001 F2F	M-----	08:00-03:00 PM	08/20/18-08/20/18	CC 211	Shank L Sears A Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M McNally J Vraich P Quinn R Gilbert T Murdock M Huff-Caplan K Vezendan C Schull H Akpovona I Colaizzi J Williams A	Closed
	-T-----	09:00-04:00 PM	08/21/18-08/21/18	CC 211		
	--W----	08:00-03:00 PM	08/22/18-08/22/18	CC 211		
	--W----	08:00-03:00 PM	08/22/18-08/22/18	CLB 111		
	--W----	08:00-03:00 PM	08/22/18-08/22/18	CLB 113		
	---R--	09:00-02:00 PM	08/23/18-08/23/18	CC 211		
	----F--	09:00-03:00 PM	08/24/18-08/24/18	CC 211		
	---R--	09:00-03:00 PM	08/30/18-08/30/18	CC 211		
	----F--	09:00-03:00 PM	08/31/18-08/31/18	CC 211		
	----F--	09:00-03:00 PM	08/31/18-08/31/18	CLB 111		
	----F--	09:00-03:00 PM	08/31/18-08/31/18	CLB 113		
	----F--	09:00-03:30 PM	08/31/18-08/31/18	SCI 222		
	----F--	09:00-03:00 PM	09/07/18-09/07/18	SCI 222		
	M-----	09:00-02:00 PM	09/10/18-09/10/18	CC 211		
	M-----	09:00-02:30 PM	09/17/18-09/17/18	CC 211		
	M-----	09:00-03:30 PM	09/24/18-09/24/18	CC 211		
	----F--	09:00-12:30 PM	09/28/18-09/28/18	CC 211		
	----F--	09:00-12:30 PM	09/28/18-09/28/18	CLB 111		
	----F--	09:00-12:30 PM	09/28/18-09/28/18	CLB 113		
	M-----	09:00-04:00 PM	10/01/18-10/01/18	SCI 222		
	M-----	09:00-12:00 PM	10/08/18-10/08/18	CC 211		
	M-----	01:00-03:00 PM	10/08/18-10/08/18	SCI 222		
	M-----	09:00-03:00 PM	10/15/18-10/15/18	CC 211		
	----F--	09:00-12:00 PM	10/19/18-10/19/18	SCI 222		
	M-----	09:00-04:00 PM	10/22/18-10/22/18	CC 211		
	M-----	09:00-01:00 PM	10/29/18-10/29/18	CC 211		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	09:00-02:00 PM	11/05/18-11/05/18	CC 211		
	----F--	09:00-03:00 PM	11/09/18-11/09/18	CC 211		
	M-----	09:00-04:00 PM	11/12/18-11/12/18	CC 211		
	M-----	09:00-10:59 AM	11/26/18-11/26/18	CLB 111		
	M-----	09:00-10:59 AM	11/26/18-11/26/18	CLB 113		
	M-----	11:00-12:30 PM	11/26/18-11/26/18	SCI 222		
	M-----	01:30-03:30 PM	11/26/18-11/26/18	CLB 111		
	M-----	01:30-03:30 PM	11/26/18-11/26/18	CLB 113		
	-T-----	12:00-12:30 PM	12/11/18-12/11/18	CC 211		

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81583 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 317	Hsiao T	Closed
<i>KBOR Seamless Transfer</i>						
81584 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 317	Hsiao T	Closed
<i>KBOR Seamless Transfer</i>						
81585 003 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 317	Williams D	Closed
<i>KBOR Seamless Transfer</i>						
81586 004 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	GEB 317	Heim D	Closed
<i>KBOR Seamless Transfer</i>						
81587 005 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 342	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
81588 006 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 338	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
81590 007 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	GEB 317	Quillen L	Closed
<i>KBOR Seamless Transfer</i>						
81591 201 F2F	---R---	06:00-09:00 PM	09/06/18-12/16/18	 OHEC 217	Quillen L	Closed
<i>KBOR Seamless Transfer</i>						
81601 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Jones A	Closed
<i>KBOR Seamless Transfer</i>						
81603 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Jones A	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81604 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 338	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
81605 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 338	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
81606 003 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 317	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
81607 004 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 338	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
81608 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Musil B	Closed
<i>KBOR Seamless Transfer</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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81611 001 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 317	Gustafson C	Closed
81612 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Arp R	Closed
81613 352 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81615 001 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 317	Ramos-Reyes M	Closed
<i>KBOR Seamless Transfer</i>						
81616 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 317	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
81617 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 317	Gustafson C	Closed
<i>KBOR Seamless Transfer</i>						
81618 004 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 317	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
81619 005 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 338	Heim D	Closed
<i>KBOR Seamless Transfer</i>						
81620 006 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
81621 007 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
81651 008 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 238	Arjo D	Closed

This section's title is **Ethics Honors**.

Honors Course

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 PHIL 143 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81652 201 F2F	--W----	06:00-09:00 PM	09/05/18-12/16/18	CC 338	Musil B	Closed
<i>KBOR Seamless Transfer</i>						
81653 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Jones A	Closed
<i>KBOR Seamless Transfer</i>						
81654 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Arp R	Closed
<i>KBOR Seamless Transfer</i>						
83157 353 ONLINE	-----	-	09/04/18-12/16/18	Online	Musil B	Closed
<i>KBOR Seamless Transfer</i>						
83293 354 ONLINE	-----	-	12/12/18-01/09/19	Online	Musil B	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_154)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81655 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 338	Arjo D	Closed

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. 3 hrs. lecture/wk. BIOL 155 and PHIL 155 are the same courses; only enroll in one.

Note: PHIL 155 and BIOL 155 are the same course, do not enroll in both.

Credit Hours: 3

Prerequisite: BIOL 121 or high school biology with department approval

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81656 351 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81657 001 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 338	Conrad O	Closed

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$150 to 175

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81514 001 F2F	M-W----	08:00-10:50 AM	08/20/18-12/16/18	ATB 147	Wessel M	Closed
81516 002 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 147	Wessel M	Closed
81517 003 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 147	Smith A	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. 6 hrs. integrated lecture/lab per/wk.

Credit Hours: 3

Associated Costs: \$75 to 150

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81518 001 F2F	-T-R---	12:00-02:50 PM	08/21/18-12/16/18	ATB 139	Heying P	Closed
81519 002 F2F	M-W----	12:00-02:50 PM	08/20/18-12/16/18	ATB 135	Sands C	Closed

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. 6 hrs. integrated lecture lab/wk.

Credit Hours: 3

Associated Costs: \$125 to 175

Prerequisite: PHOT 128

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81521 001 F2F	M-W----	03:00-05:50 PM	08/20/18-12/16/18	ATB 135	Sands C	Closed
81522 002 F2F	-T-R---	03:00-05:50 PM	08/21/18-12/16/18	ATB 139	Heying P	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 kinematics, mechanics, fluid mechanics, thermal energy and thermodynamics, and concludes with waves. 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 also 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. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

Credit Hours: 5

Prerequisite: MATH 171 or placement scores

CRN	Days	Time	Date	Location	Instructor	Seats Open
80413 001 F2F	MTWR---	08:00-08:50 AM	08/20/18-12/16/18	SCI 117	Malek G	Closed
	Lab M-----	11:00-01:50 PM	08/20/18-12/16/18	SCI 117		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80414 002 F2F	MTWR---	09:00-09:50 AM	08/20/18-12/16/18	SCI 117	Malek G	Closed
	Lab -T-----	11:00-01:50 PM	08/21/18-12/16/18	SCI 117		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80415 003 F2F	MTWR---	10:00-10:50 AM	08/20/18-12/16/18	SCI 117	Malek G	Closed
	Lab M-----	02:00-04:50 PM	08/20/18-12/16/18	SCI 117		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80416 004 F2F	MTWR---	11:00-11:50 AM	08/20/18-12/16/18	SCI 120	Martinez D	Closed
	Lab -T-----	02:00-04:50 PM	08/21/18-12/16/18	SCI 121		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80417 005 F2F	M-W----	11:00-12:50 PM	08/20/18-12/16/18	SCI 122	Weaver L	Closed
	Lab ----F--	11:00-01:50 PM	08/24/18-12/16/18	SCI 121		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80418 006 F2F	M-W----	02:00-03:50 PM	08/20/18-12/16/18	SCI 122	Weaver L	Closed
	Lab ----F--	02:00-04:50 PM	08/24/18-12/16/18	SCI 121		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						
80419 050 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	SCI 122	Johnson S	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	SCI 122		
	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	SCI 121		
<i>KBOR Seamless Transfer</i>						
Note: This course does not normally fulfill the requirements of engineering programs.						

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, light and optics and some elements of modern physics, such as relativity and quantum 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 also 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. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs.

Credit Hours: 5

Prerequisite: PHYS 130

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80420 001 F2F	M-W----	08:00-09:50 AM	08/20/18-12/16/18	SCI 122	Weaver L	Closed
	Lab ----F--	08:00-10:50 AM	08/24/18-12/16/18	SCI 117		

KBOR Seamless Transfer

Note: This course does not normally fulfill the requirements of engineering programs.

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. 3 hrs. lecture and 2 hrs. lab/wk.

Note: PHYS 191 and MATH 191 are the same course; do not enroll in both.

Credit Hours: 4

Associated Costs: \$0 to 100

Prerequisite: MATH 171 or MATH 173 with grade of "C" or higher or appropriate score on math assessment test and GAME 121

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_191)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80421 001 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	RC 380	Patterson J	Closed
	Lab M-----	03:00-04:50 PM	08/20/18-12/16/18	RC 380		

PHYS 220 - Engineering Physics I

This is an introduction to physics for engineering and science students. Included will be mathematical approaches to the study of mechanics, wave motion and thermodynamics. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Prerequisite or Corequisite: MATH 242

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80422 001 F2F	MTWR---	09:00-09:50 AM	08/20/18-12/16/18	SCI 120	Martinez D	Closed
	Lab --W----	02:00-04:50 PM	08/22/18-12/16/18	SCI 121		
80423 002 F2F	MTWR---	10:00-10:50 AM	08/20/18-12/16/18	SCI 120	Martinez D	Closed
	Lab ---R---	02:00-04:50 PM	08/23/18-12/16/18	SCI 121		
80424 050 F2F	-T-----	06:00-06:50 PM	08/21/18-12/16/18	SCI 120	Thuma R	Closed
	Lab -T-----	07:00-09:50 PM	08/21/18-12/16/18	SCI 121		
		---R---	06:00-08:50 PM	SCI 120		

KBOR Seamless Transfer

PHYS 221 - Engineering Physics II ▾

This is an introduction to physics for engineering and science students. Included are mathematical approaches to the study of electricity, magnetism, sound, optics and modern physics. 4 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 5

Prerequisites: PHYS 220 and MATH 242

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80426 050 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	SCI 120	Richman M	Closed
	--W----	06:00-06:50 PM	08/22/18-12/16/18	SCI 120		
	Lab --W----	07:00-09:50 PM	08/22/18-12/16/18	SCI 117		

KBOR Seamless Transfer

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. 60 hrs lecture/semester

Credit Hours: 4

Requirements: Admission to the Practical Nursing Program, Corequisite: PN 126

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82715 051 F2F	-T-----	08:30-12:00 PM	08/21/18-12/11/18	 OHEC 209	Shults T	Closed

SB 155 Excel in CTE

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. 90 clinical hrs./semester

Credit Hours: 2

Requirements: Admission to the Practical Nursing Program, Corequisite: PN 125

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82716 052 CLI	--W----	06:30-03:00 PM	08/22/18-12/12/18	TBA	Radom V Greathouse T Pockrandt D Shults T	Closed
	---R---	06:30-03:00 PM	08/23/18-10/11/18	TBA		

SB 155 Excel in CTE


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. 60 hrs lecture/semester

Credit Hours: 4

Requirements: Admission to the Practical Nursing Program, Prerequisites or corequisites: PN 125 with a grade of "C" or higher and PN 126 with a passing grade Corequisite: PN 131

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82596 206 F2F	M-----	05:30-09:30 PM	08/20/18-12/10/18	 OHEC 209	Luoma E	Closed

SB 155 Excel in CTE

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. 135 clinical hrs./semester

Credit Hours: 3

Prerequisite: Admission to the Practical Nursing Program Prerequisite or Corequisite: PN 125 with a grade of "C" Corequisite: PN 130

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82597 001 CLI	----S-	06:30-03:00 PM	08/25/18-12/15/18	TBA	Ferreira A Rettig R Valluri J Anderson L Luoma E	Closed
	-----U	06:30-03:00 PM	08/26/18-12/16/18	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. 45 hrs. lecture/semester

Credit Hours: 3

Requirements: Admission to the Practical Nursing Program, Prerequisites or corequisites: PN 125 with a grade of "C" or higher and PN 126 with a passing grade

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82598 136 F2F	--W----	05:30-09:30 PM	08/20/18-12/16/18	 OHEC 209	Luoma E	Closed
82710 211 F2F	M-----	08:30-11:30 AM	08/20/18-12/10/18	 OHEC 209	Radom V	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE


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. 30 hrs. lecture/semester

Credit Hours: 2

Requirements: Admission to the Practical Nursing Program, Prerequisites: 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

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82711 100 F2F	M-----	01:00-03:00 PM	08/20/18-12/10/18	 OHEC 209	Pockrandt D	Closed

SB 155 Excel in CTE

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. 45 clinical hrs./semester.

Credit Hours: 1

Requirements: Admission to the Practical Nursing Program, Prerequisites: 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 140

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82794 101 CLI	---R---	06:30-03:00 PM	10/18/18-12/13/18	TBA	Pockrandt D	Closed

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. 30 hrs. lecture/semester

Credit Hours: 2

Requirements: Admission to the Practical Nursing Program Prerequisites: 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

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82717 030 F2F	-T-----	01:00-03:00 PM	08/21/18-12/11/18	 OHEC 209	Luoma E	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. and online.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81538 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 213	Bedell T	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences.						
81539 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 213	Wright B	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences.						
81540 003 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 279	Wright B	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences.						
81541 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Vieux A	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences.						
81542 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Burns J	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences.						
83204 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Harmon L	Closed
<i>KBOR Seamless Transfer</i>						
83281 354 ONLNE	-----	-	12/12/18-01/09/19	Online	Wright B	Closed
<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. 3 hrs./wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81545 002 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 279	Wright B	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.						
81547 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 213	Cusser J	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.						
81548 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 213	Vieux A	Closed
<i>KBOR Seamless Transfer</i> Meets the KU Core requirement for Goal 3: Social Sciences; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.						
81550 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Vieux A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

Meets the KU Core requirement for Goal 3: Social Sciences; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.

83205 352 ONLNE	-----	-	10/15/18-12/09/18	Online	Burns J	Closed
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KBOR Seamless Transfer

81544 376 HYB	M-W----	10:00-10:50 AM	08/20/18-12/16/18	GEB 213	Vieux A	Closed
	-----	-	08/20/18-12/16/18	Online		

KBOR Seamless Transfer

The face-to-face portion of the class meets Monday and Wednesday, and the online portion occurs Thursday thru Saturday. Online students will be required to engage in various activities to prepare for the face-to-face meetings, which will offer more in-depth discussions of material. Meets the KU Core requirement for Goal 3: Social Sciences; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81551 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 254	Vieux A	Closed

Meets the KU Core requirement for Goal 3: Social Sciences.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81552 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 279	Staniforth M	Closed

Meets the KU Core requirement for Goal 3: Social Sciences and Goal 4: Outcome 2; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.

81553 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Staniforth M	Closed
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Meets the KU Core requirement for Goal 3: Social Sciences and Goal 4: Outcome 2; and a UMKC General Education Core requirement for Focus C. Fulfills a core requirement for the political science degree at KU and UMKC.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81554 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 315	Wright B	Closed

KBOR Seamless Transfer

Meets the KU Core requirement for Goal 3: Social Sciences and Goal 4: Outcome 2. Fulfills a core requirement for the political science degree at KU. Transfers to UMKC as International Relations for the political science degree elective requirement.

81555 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 213	Wright B	Closed
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KBOR Seamless Transfer

Meets the KU Core requirement for Goal 3: Social Sciences and Goal 4: Outcome 2. Fulfills a core requirement for the political science degree at KU. Transfers to UMKC as International Relations for the political science degree elective requirement.

81556 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Wright B	Closed
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KBOR Seamless Transfer

Meets the KU Core requirement for Goal 3: Social Sciences and Goal 4: Outcome 2. Fulfills a core requirement for the political science degree at KU. Transfers to UMKC as International Relations for the political science degree elective requirement.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81557 351 ONLNE	-----	-	08/20/18-12/16/18	Online	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81558 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 213	Staniforth M	Closed

Meets the KU Core requirement for Goal 3: Social Sciences. Fulfills a core requirement for the political science degree at KU.

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.

Credit Hours: 3

Prerequisite and/or corequisite: By permission of the political science internship coordinator, completion of 6 credit hours in political science courses at JCCC or another college within the last two years, earning a minimum of a 3.0 on a 4.0 scale in those political science courses, and a written recommendation from your political science classroom instructor. Students must complete all necessary arrangements for this program the semester prior to the internship.

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81559 501 INT	-----	-	08/20/18-12/16/18		Vieux A	6 of 6

Meets the KU Core requirement for Goal 6: Outcome 1.

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. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/psci/#PSCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80427 001 F2F	M-W----	09:00-11:50 AM	08/20/18-12/16/18	SCI 125	Finnicum S	Closed
<i>KBOR Seamless Transfer</i>						
80428 002 F2F	M-W----	01:00-03:50 PM	08/20/18-12/16/18	SCI 125	Lander B	Closed
<i>KBOR Seamless Transfer</i>						
80429 003 F2F	-T-R---	09:00-11:50 AM	08/21/18-12/16/18	SCI 125	Finnicum S	Closed
<i>KBOR Seamless Transfer</i>						
80430 004 F2F	-T-R---	01:00-03:50 PM	08/21/18-12/16/18	SCI 125	Finnicum S	Closed
<i>KBOR Seamless Transfer</i>						
80432 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Hess J	Closed
<i>KBOR Seamless Transfer</i>						
80434 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Lander B	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81676 001 F2F	M-----	03:00-05:50 PM	08/20/18-12/16/18	CLB 312	Filley D	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81677 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 377	Ward A	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81678 002 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CLB 312	Rader M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81679 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CLB 312	Rader M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81680 004 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	SCI 212	Ward A	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81682 005 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CLB 312	Ward P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81683 006 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	SCI 212	Pettitt J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81684 007 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CLB 312	Rader M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81685 008 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	SCI 212	Abbott C	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81687 009 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	SCI 212	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81688 010 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CLB 312	Kelly D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81689 011 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CLB 312	Kelly D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81691 012 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CLB 312	Kappen D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81692 013 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 377	Martin K	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81693 014 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CLB 312	Darrow R	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81694 015 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81695 016 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	SCI 212	Martin K	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81696 017 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 377	Simpson S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81697 018 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81698 019 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	SCI 212	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81699 020 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 377	Simpson S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81700 021 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 238	Ladd B	Closed

This section's title is **Introduction to Psychology Honors**.

Accelerating Opportunity KS

Honors Course

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 PSYC 130 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81701 022 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 212	Ladd B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81702 023 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	SCI 212	Ward P	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81703 024 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 377	Simpson S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81704 025 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 377	Riley N	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81705 026 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	SCI 212	Ward P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81706 027 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	SCI 212	Ladd B	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81707 028 F2F	-T-R---	03:30-04:45 PM	08/21/18-12/16/18	GEB 377	Riley N	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81708 029 F2F	-T-R---	03:30-04:45 PM	08/21/18-12/16/18	CLB 312	Klinger T	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81709 030 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CLB 312	Kelly D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81710 031 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 377	Riley N	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81711 032 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 377	Glackin K	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81712 033 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	GEB 377	Darrow R	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81714 202 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	GEB 377	Jones D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81715 203 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	 OHEC 107	Bratt J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81716 204 F2F	M-----	06:00-09:00 PM	09/10/18-12/16/18	GEB 317	DeJarnette D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81717 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81718 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81719 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Redburn B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81720 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Redburn B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81721 355 ONLNE	-----	-	08/20/18-12/16/18	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81722 356 ONLNE	-----	-	08/20/18-12/16/18	Online	Kappen D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81723 357 ONLNE	-----	-	08/20/18-12/16/18	Online	Rader M	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81724 358 ONLNE	-----	-	08/20/18-12/16/18	Online	Rader M	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81725 359 ONLNE	-----	-	08/20/18-12/16/18	Online	Darrow R	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
81726 360 ONLNE	-----	-	08/20/18-12/16/18	Online	Glackin K	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
81727 361 ONLNE	-----	-	08/20/18-12/16/18	Online	Abbott C	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
82823 362 ONLNE	-----	-	08/20/18-12/16/18	Online	Magenheimer L	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
83282 363 ONLNE	-----	-	12/12/18-01/09/19	Online	Klinger T	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
83283 364 ONLNE	-----	-	12/12/18-01/09/19	Online	Klinger T	Closed
<i>Accelerating Opportunity KS 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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81729 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Schwartz L	Closed
81730 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Redburn B	Closed
83210 353 ONLNE	-----	-	10/15/18-12/09/18	Online	Schwartz L	Closed

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. This course may not be offered every semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130 and MATH 171

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81731 001 F2F	--W----	04:00-06:50 PM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81732 001 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	SCI 212	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
81733 002 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CLB 312	Hurst D	Closed
<i>KBOR Seamless Transfer</i>						

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_218)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81734 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 377	Peterson P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
81735 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
81736 003 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 377	Peterson P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81743 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	HCDC 128	Salvato M	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81737 005 F2F	-T-R---	12:30-01:45 PM	08/20/18-12/16/18	CLB 312	Pettitt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
81738 006 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 338	Filley D	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81739 201 F2F	--W----	06:00-09:00 PM	09/05/18-12/16/18	GEB 342	Jones D	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81740 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81741 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
81742 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
83284 355 ONLNE	-----	-	12/12/18-01/09/19	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81744 001 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 126B	Ward A	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81745 351 ONLINE	-----	-	08/20/18-12/16/18	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. 2 hrs. lecture/wk.

Credit Hours: 2

Requirement: Admission to the Respiratory Care Program, Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisite or corequisite: BIOL 230 (All courses must be completed with a "C" or higher.) Corequisites: RC 124 and RC 131

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81597 376 HYB	-----	-	08/20/18-12/16/18	Online	Murray J Oestreich K Sanner C Portmann R	Closed
	--W----	01:00-04:00 PM	08/22/18-12/16/18	 OHEC 119		

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. 4 hrs. lecture and 4 hrs. lab/wk.

Credit Hours: 6

Requirements: Admission to the Respiratory Care Program, Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisites or corequisites: BIOL 230 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 120 and RC 131

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81598 001 F2F	M-----	08:00-12:00 PM	08/20/18-12/16/18	 OHEC	Murray J Oestreich K Sanner C Portmann R	Closed
	Lab --W----	08:00-12:00 PM	08/22/18-12/16/18	 OHEC		

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. 2 hrs. lecture and 1.25 hrs. lab/wk.

Credit Hours: 3

Requirement: Admission to the Respiratory Care Program, Prerequisites: BIOL 144 and CHEM 122 and ENGL 121 Prerequisite or corequisite: BIOL 230 (All courses must be completed with a "C" or higher.) Corequisites: RC 120 and RC 124

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81599 376 HYB	M-----	01:00-04:15 PM	08/20/18-12/16/18	OHEC 119	Murray J Oestreich K Sanner C Portmann R	Closed
	-----	-	08/20/18-12/16/18	Online		

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 ventilator management of patients with specific lung insults, neurological compromise and cardiac problems. Advanced mechanical ventilation concepts and techniques will be addressed as they relate to physiological effects and management. 3 hrs. lecture and 2.5 hrs. lab/wk.

Credit Hours: 5

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 136 and RC 140 and RC 145 and RC 146 (All courses must be completed with a grade of "C" or higher.) Corequisite: RC 271

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81600 001 F2F	----F--	09:00-12:00 PM	08/24/18-12/16/18	OHEC	Murray J Oestreich K Sanner C Portmann R	Closed
	Lab ----F--	01:00-04:00 PM	08/24/18-12/16/18	OHEC		

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. 16-24 hrs. /wk.

Credit Hours: 6

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 136 and RC 140 and RC 145 and RC 146 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 255

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
81602 001 CLI	-T-R---	08:00-04:00 PM	08/21/18-12/16/18	 OHEC 119	Murray J Oestreich K Sanner C Portmann R	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5-15

Prerequisites: Appropriate test score; or either RDG 125 with a grade of "C" or higher; or EAP 111 and EAP 115 and EAP 122

Outline (http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82231 001 F2F	M-W----	08:00-09:15 AM	08/20/18-12/16/18	CC 325	Davis S	Closed
82232 002 F2F	M-W----	09:00-10:40 AM	09/17/18-12/16/18	CC 321	Rottinghaus D	Closed
82233 003 F2F	M-W----	09:00-10:15 AM	08/20/18-12/16/18	ATB 131	Graham L	Closed
82234 004 F2F	M-W----	10:00-11:25 AM	08/27/18-12/16/18	OCB 107	Davis S	Closed
82235 005 F2F	M-W----	10:00-11:15 AM	08/20/18-12/16/18	LIB 373	Fielder R	Closed
82236 006 F2F	M-W----	11:00-12:40 PM	09/17/18-12/16/18	CC 321	Rottinghaus D	Closed
82237 007 F2F	M-W----	11:00-12:15 PM	08/20/18-12/16/18	GEB 217	Graham L	Closed
82238 008 F2F	M-W----	12:00-01:15 PM	08/20/18-12/16/18	CC 314	Davis S	Closed
82239 009 F2F	M-W----	01:00-02:40 PM	09/17/18-12/16/18	CC 321	Rottinghaus D	Closed
82240 010 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	CC 324	Davis S	Closed
82241 011 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 321	Franklin S	Closed
82242 012 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 321	Franklin S	Closed
82243 013 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	ATB 131	Graham L	Closed
82245 015 F2F	-T-R---	11:00-12:25 PM	09/04/18-12/16/18	CC 229	Parra L	Closed
82246 016 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 321	Franklin S	Closed
82247 017 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 321	Franklin S	Closed
82248 018 F2F	-T-R---	02:00-03:25 PM	09/04/18-12/16/18	CC 321	Fielder R	Closed
82250 020 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CC 229	Mancini P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
82251 021 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 321	Creason L	Closed
82252 022 F2F	--W----	06:00-09:15 PM	08/22/18-12/16/18	CC 229	McCall S	Closed
82253 023 F2F	---R---	06:00-09:35 PM	09/06/18-12/16/18	CC 321	Steel S	Closed
82254 024 F2F	----F--	10:00-12:50 PM	08/24/18-12/16/18	CC 321	Graham L	Closed
82255 026 F2F	-----S-	10:00-12:50 PM	08/25/18-12/16/18	CC 321	Prosser C	Closed
83097 027 F2F	-T-R---	09:30-10:55 AM	09/04/18-12/16/18	CC 229	Parra L	Closed
83104 028 F2F	M-W----	08:30-09:45 AM	08/20/18-12/16/18	OCB 107	Franklin S	Closed
82256 350 ONLINE	-----	-	08/20/18-12/16/18	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 lparra@jccc.edu or lcreason@jccc.edu

82257 351 ONLINE	-----	-	08/20/18-12/16/18	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 lparra@jccc.edu or lcreason@jccc.edu

82258 352 ONLINE	-----	-	08/20/18-10/14/18	Online	Creason L	Closed
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Note: This is an accelerated class that requires students to read and complete a large amount of work each of the 8 weeks of the course. 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 lcreason@jccc.edu

82259 353 ONLINE	-----	-	10/15/18-12/09/18	Online	Creason L	Closed
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Note: This is an accelerated class that requires students to read and complete a large amount of work each of the 8 weeks of the course. 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 lcreason@jccc.edu

83117 354 ONLINE	-----	-	08/20/18-12/16/18	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 lcreason@jccc.edu or lparra@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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$2 to 5

Prerequisite: RDG 126 or appropriate assessment score

Outline (http://catalog.jccc.edu/coursedescriptions/rdg/#RDG_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82260 376 HYB	-T-----	12:30-01:45 PM	08/21/18-12/16/18	SCI 112	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rel/#REL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81658 001 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 352	Bevell Hull M	Closed
<i>KBOR Seamless Transfer</i>						
81659 002 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 352	Bevell Hull M	Closed
<i>KBOR Seamless Transfer</i>						
81660 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 344	Hudson M	Closed
<i>KBOR Seamless Transfer</i>						
81661 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Robertson M	Closed
<i>KBOR Seamless Transfer</i>						
81662 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Robertson M	Closed
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rel/#REL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81663 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 229	Stockton W	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rel/#REL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81643 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Bevell Hull M	Closed

Railroad Industrial Technology

RRIT 160 - Mechanical Basic Welding

Upon successful completion of this course, the student should be able to properly use oxyfuel cutting (OFC), plasma arc cutting (PAC), plasma arc gouging, air carbon arc cutting (CAC-A), and shielded metal arc welding (SMAW) equipment. The SMAW portion of the course will concentrate on flat groove welds (1G) and horizontal fillet welds (1F). The student is required to pass a welding test in accordance with the Railroad Welding Specification for Cars and Locomotives (AWS D15.1). 1 hour lecture 4 hours lab per week.

Credit Hours: 3

Prerequisite: Approval of Burlington Northern Santa Fe (BNSF) Training Director

Outline (http://catalog.jccc.edu/coursedescriptions/rrit/#RRIT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
83307 019 F2F	MTWRF--	07:00-04:00 PM	12/10/18-12/21/18	ATB 142	Donaghy J	Closed

BNSF Employee Waiver

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. This course is only taught in the fall semester. This course is only taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82843 350 ONLNE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk. This course is only taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82844 350 ONLNE	-----	-	08/20/18-12/15/18	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. 4 hrs. lecture, demonstration/wk.

Credit Hours: 4

Prerequisite: Admission to the JCCC railroad operations program conductor option, or JCCC NARS Director approval

Outline (http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82881 003 F2F	MTWRF--	08:00-05:00 PM	10/01/18-10/05/18	ITC 104	Brown T	Closed

SB 155 Excel in CTE

83127 350 ONLINE	-----	-	08/20/18-09/16/18	Online	Brown T	Full
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SB 155 Excel in CTE

Requirement: NARS dir/JCCC div adm approval

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. 2.5 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

Credit Hours: 2

Associated Costs: \$36

Prerequisites: Admission to the JCCC railroad operations program, conductor option, or JCCC NARS Director approval.

Outline (http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82882 003 F2F	MTWRF--	08:00-05:00 PM	10/08/18-10/12/18	ITC 104	Brown T	Closed

SB 155 Excel in CTE

83128 350 ONLINE	-----	-	09/17/18-10/14/18	Online	Brown T	Full
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SB 155 Excel in CTE

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. 2.5 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

Credit Hours: 2

Prerequisite: Admission to the JCCC railroad operations program, conductor option, or JCCC NARS Director approval.

Outline (http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82898 003 F2F	MTWRF--	08:00-05:00 PM	10/15/18-10/19/18	ITC 104	McNay R Brown T	Closed

SB 155 Excel in CTE

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. 4 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

Credit Hours: 4

Associated Costs: \$60

Prerequisite: Admission to the JCCC railroad operations program, conductor option, and JCCC NARS Director approval.

Outline (http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82900 003 F2F	MTWRF--	08:00-05:00 PM	10/29/18-11/07/18	ITC 104	Brown T	5 of 19

Requirement: NARS dir/JCCC div adm approval

83129 350 ONLNE	-----	-	10/15/18-12/16/18	Online	Brown T	Full
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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.

Credit Hours: 4

Associated Costs: \$200

Prerequisite: Admission to the JCCC railroad operations program, conductor option or National Academy of Railroad Sciences (NARS) Director Approval

Outline (http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82899 377 HYB	Lab MTWRF--	08:00-05:00 PM	10/22/18-10/26/18	ITC	Brown T Wiley K	Closed
	-----	-	10/22/18-01/18/19			

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80435 001 F2F	---R---	01:00-03:50 PM	08/23/18-12/16/18	PA 144	Shafer S	Closed

SB 155 Excel in CTE

SAG 272 - Sustainable Agriculture Fall Practicum

Through practical experience complemented by lectures and discussions, students will gain exposure to a broad range of tasks facing the market farmer during the fall and early winter seasons. This includes production and marketing of summer crops, planning, and production of fall crops in high tunnels and open field, and marketing these fall crops. Topics include production planning, planting, integrated crop management, harvest and postharvest practices, marketing through various channels, tools and equipment, soil fertility management, and record keeping. Practicum activities will integrate with other courses in this market farming certificate program. Students will learn both conventional and organic production techniques. Entrepreneurship will be emphasized throughout. 7 hrs. practicum/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/sag/#SAG_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80437 001 F2F	-T-----	01:00-01:50 PM	08/21/18-12/16/18	HSC 124	Zimmermann C	Closed
	Lab -T-----	02:00-04:50 PM	08/21/18-12/16/18	HSC 124		

SB 155 Excel in CTE

Sociology

SOC 122 - Introduction to Sociology

Introduction to Sociology introduces students to sociology, the "science of society," and its approach to human social life. The course shows students how sociologists conduct research and describes the basic concepts and theories sociologists use to explain the social world. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81261 001 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	GEB 375	Zale S	Closed
<i>KBOR Seamless Transfer</i>						
81262 002 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 240	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
81263 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	GEB 375	Burbidge S	Closed
<i>KBOR Seamless Transfer</i>						
81264 004 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 375	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
81292 005 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 217	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
81294 006 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 375	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
81295 007 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 342	Spence J	Closed
<i>KBOR Seamless Transfer</i>						
81296 008 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 375	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
81297 009 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	GEB 375	Zale S	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81298 010 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 375	Killeen J	Closed
<i>KBOR Seamless Transfer</i>						
81299 011 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	GEB 240	Shafer S	Closed
<i>KBOR Seamless Transfer</i>						
81300 012 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
81301 013 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	PA 145	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
81302 014 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
81303 015 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 375	Shafer S	Closed
<i>KBOR Seamless Transfer</i>						
81304 016 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
81306 018 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 240	Shafer S	Closed
<i>KBOR Seamless Transfer</i>						
81308 020 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	GEB 375	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
81309 021 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	GEB 375	Whitman L	Closed
<i>KBOR Seamless Transfer</i>						
81310 022 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	GEB 375	Whitman L	Closed
<i>KBOR Seamless Transfer</i>						
81347 201 F2F	-T-R---	09:00-10:25 AM	09/04/18-12/16/18	GEB 238	Blobaum E	Closed

This section's title is **Introduction to Sociology Honors**.

Honors Course

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 SOC 122 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

81348 202 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	GEB 240	Spence J	Closed
<i>KBOR Seamless Transfer</i>						
81349 203 F2F	-T-R---	02:00-04:50 PM	10/16/18-12/09/18	GEB 342	Burbidge S	Closed
<i>KBOR Seamless Transfer</i>						
81350 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
81351 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
81352 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
81353 354 ONLNE	-----	-	08/20/18-12/16/18	Online	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
81354 355 ONLNE	-----	-	08/20/18-12/16/18	Online	Foster M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
81355 356 ONLNE	-----	-	08/20/18-12/16/18	Online	Burbidge S	Closed
<i>KBOR Seamless Transfer</i>						
83199 357 ONLNE	-----	-	10/15/18-12/09/18	Online	Pant R	Closed
<i>KBOR Seamless Transfer</i>						
83285 359 ONLNE	-----	-	12/12/18-01/09/19	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
83286 360 ONLNE	-----	-	12/12/18-01/09/19	Online	Harris M	Closed
<i>KBOR Seamless Transfer</i>						
83287 361 ONLNE	-----	-	12/12/18-01/09/19	Online	Petrovic U	Closed
<i>KBOR Seamless Transfer</i>						
81356 426 SEL	-----	-	08/20/18-12/15/19	Self Paced	Grinter B	4 of 6
<i>KBOR Seamless Transfer</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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81357 001 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
81358 002 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
81359 003 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	GEB 240	Spence J	Closed
<i>KBOR Seamless Transfer</i>						
81360 004 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 375	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
81361 005 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 342	Petrovic U	Closed
<i>KBOR Seamless Transfer</i>						
81362 006 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	GEB 342	Petrovic U	Closed
<i>KBOR Seamless Transfer</i>						
81363 007 F2F	---R---	06:00-08:50 PM	08/23/18-12/16/18	GEB 240	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
81364 201 F2F	--W----	06:00-09:00 PM	09/05/18-12/16/18	GEB 240	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
81365 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Killeen J	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
81366 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Seiler C	Closed
<i>KBOR Seamless Transfer</i>						
81367 353 ONLNE	-----	-	08/20/18-12/16/18	Online	Seiler C	Closed
<i>KBOR Seamless Transfer</i>						
83288 354 ONLNE	-----	-	12/12/18-01/09/19	Online	Seiler C	Closed
<i>KBOR Seamless Transfer</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. 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/soc/#SOC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81388 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	PA 133	Ashman C	Closed
81390 002 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	PA 145	Galbrecht F	Closed
81392 003 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	PA 145	Ladd G	Closed
81394 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Daniels M	Closed
81396 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Blank S	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. 3 hrs.lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81368 001 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 128	Killeen J	Closed
81369 002 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	GEB 375	Pant R	Closed
<i>SB 155 Excel in CTE</i>						
81370 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	PA 144	Divney J	Closed
<i>SB 155 Excel in CTE</i>						
81371 201 F2F	-T-----	06:00-09:00 PM	09/04/18-12/16/18	GEB 375	Whitman L	Closed
81372 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Blobaum E	Closed
81373 352 ONLNE	-----	-	08/20/18-12/16/18	Online	Blobaum E	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81374 001 F2F	---R---	02:00-04:50 PM	08/23/18-12/16/18	CC 344	Allee A	Closed

KBOR Seamless Transfer

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81377 351 ONLINE	-----	-	08/20/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to \$10

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80564 001 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 332	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
80565 002 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 332	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
80566 003 F2F	M-W----	10:00-11:15 AM	08/20/18-12/16/18	CC 312	Buta C	Closed
<i>KBOR Seamless Transfer</i>						
80567 004 F2F	M-W----	12:30-01:45 PM	08/20/18-12/16/18	CC 332	Naeymi D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80568 005 F2F	M-W----	02:00-03:15 PM	08/20/18-12/16/18	CC 332	Naeymi D	Closed
<i>KBOR Seamless Transfer</i>						
80569 006 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 332	Schrag C	Closed
<i>KBOR Seamless Transfer</i>						
80570 007 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 332	Schrag C	Closed
<i>KBOR Seamless Transfer</i>						
80571 008 F2F	-T-R---	09:30-12:20 PM	08/21/18-10/11/18	CC 331	Fagan M	Closed
<i>KBOR Seamless Transfer</i>						
80572 009 F2F	-T-R---	09:30-12:20 PM	10/16/18-12/06/18	CC 331	Fagan M	Closed
<i>KBOR Seamless Transfer</i>						
80573 010 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 332	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
80574 011 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 332	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
80575 012 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 332	Young M	Closed
<i>KBOR Seamless Transfer</i>						
80576 013 F2F	--W----	06:00-08:50 PM	08/20/18-12/16/18	CC 332	Sewell E	Closed
<i>KBOR Seamless Transfer</i>						
80577 014 F2F	-T-----	06:00-09:05 PM	09/04/18-12/16/18	CC 332	Dillavou T	Closed
<i>KBOR Seamless Transfer</i>						
80578 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Anderson R	Closed

KBOR Seamless Transfer

Note: SPD 120 350 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

80579 351 ONLINE	-----	-	08/20/18-12/16/18	Online	Anderson R	Closed
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KBOR Seamless Transfer

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

80580 352 ONLINE	-----	-	08/20/18-12/16/18	Online	Sewell E	Closed
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KBOR Seamless Transfer

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, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu.

80581 353 ONLINE	-----	-	08/20/18-12/16/18	Online	Welsch L	Closed
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KBOR Seamless Transfer

Note: SPD 120 353 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 lwelsch@jccc.edu

80582 354 ONLINE	-----	-	08/20/18-12/16/18	Online	Anderson R	Closed
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KBOR Seamless Transfer

Note: SPD 120 354 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

CRN	Days	Time	Date	Location	Instructor	Seats Open
80583 355 ONLINE	-----	-	09/04/18-12/16/18	Online	Gibbens M	Closed

KBOR Seamless Transfer

Note: SPD 120 355 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, Meredith Gibbens, at 913-469-8500, ext. 5305, or e-mail mgibbens@jccc.edu.

80584 356 ONLINE	-----	-	09/04/18-12/16/18	Online	Gibbens M	Closed
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KBOR Seamless Transfer

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, Meredith Gibbens, at 913-469-8500, ext. 5305, or e-mail mgibbens@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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80594 001 F2F	M-W-F--	08:00-08:50 AM	08/20/18-12/16/18	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
80595 002 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 318	Welsch L	Closed
<i>KBOR Seamless Transfer</i>						
80596 003 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
80597 004 F2F	M-W-F--	09:00-09:50 AM	08/20/18-12/16/18	CC 312	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
80598 005 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 325	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
80599 006 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 318	Easley-Giraldo T	Closed
<i>KBOR Seamless Transfer</i>						
80600 007 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
80601 008 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 331	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
80602 009 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 325	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
80603 010 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 318	Vellinga H	Closed
<i>KBOR Seamless Transfer</i>						
80604 011 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 216	Rose S	Closed
<i>KBOR Seamless Transfer</i>						
80605 012 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 318	Vietti E	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
80606 013 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 216	Rose S	Closed
<i>KBOR Seamless Transfer</i>						
80607 014 F2F	M-W-F--	12:00-12:50 PM	08/20/18-12/16/18	CC 325	Rose T	Closed
<i>KBOR Seamless Transfer</i>						
80608 015 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 216	Rose S	Closed
<i>KBOR Seamless Transfer</i>						
80609 016 F2F	M-W-F--	01:00-01:50 PM	08/20/18-12/16/18	CC 325	Rose T	Closed
<i>KBOR Seamless Transfer</i>						
80610 017 F2F	M-W-F--	02:00-02:50 PM	08/20/18-12/16/18	CC 325	Vietti E	Closed
<i>KBOR Seamless Transfer</i>						
80611 018 F2F	M-W----	09:00-10:15 AM	08/20/18-12/16/18	CC 331	Naeymi D	Closed
<i>KBOR Seamless Transfer</i>						
80639 019 F2F	M-W----	01:00-03:50 PM	09/05/18-10/24/18	CC 312	Kingsford A	Closed
<i>KBOR Seamless Transfer</i>						
80612 020 F2F	M-W----	01:00-02:15 PM	08/20/18-12/16/18	CC 318	Wichman T	Closed
<i>KBOR Seamless Transfer</i>						
80613 021 F2F	M-W----	02:30-03:45 PM	08/20/18-12/16/18	HCA 117	Anderson R	Closed
<i>KBOR Seamless Transfer</i>						
80615 023 F2F	--W-F--	12:00-01:15 PM	08/22/18-12/16/18	CC 331	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
80616 024 F2F	--W-F--	01:30-02:45 PM	08/22/18-12/16/18	CC 331	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
80640 026 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 312	Stout D	Closed
<i>KBOR Seamless Transfer</i>						
80641 027 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 216	Stanley J	Closed
<i>KBOR Seamless Transfer</i>						
80642 028 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 312	Stout D	Closed
<i>KBOR Seamless Transfer</i>						
80643 029 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 325	Hubbard S	Closed
<i>KBOR Seamless Transfer</i>						
80644 030 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC 318	Young M	Closed
<i>KBOR Seamless Transfer</i>						
80645 031 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 216	Stanley J	Closed
<i>KBOR Seamless Transfer</i>						
80646 032 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 318	Young M	Closed
<i>KBOR Seamless Transfer</i>						
80647 033 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	CC 325	Hubbard S	Closed
<i>KBOR Seamless Transfer</i>						
80648 034 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 318	Miller D	Closed
<i>KBOR Seamless Transfer</i>						
80649 035 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	GEB 238	Stanley J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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This section's title is **Public Speaking Honors**.

Honors Course

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 SPD 121 classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.

80650	036 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC 325	Schrag C	Closed
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KBOR Seamless Transfer

80651	037 F2F	-T-R---	02:00-03:15 PM	08/21/18-12/16/18	CC 216	Stanley J	Closed
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KBOR Seamless Transfer

80653	039 F2F	M-----	03:00-05:50 PM	08/20/18-12/16/18	CC 325	Geiger W	Closed
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KBOR Seamless Transfer

80654	040 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	CC 325	Kingsford A	Closed
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KBOR Seamless Transfer

80655	041 F2F	-T-----	06:00-08:50 PM	08/21/18-12/16/18	CC 325	Schaefer M	Closed
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KBOR Seamless Transfer

80656	042 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 325	Patrick B	Closed
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KBOR Seamless Transfer

80657	043 F2F	---R---	06:00-09:05 PM	09/06/18-12/16/18	 DSH 210	Heapes T	Closed
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KBOR Seamless Transfer

80658	044 F2F	----S-	09:00-11:50 AM	08/25/18-12/16/18	CC 331	Schaefer M	Closed
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KBOR Seamless Transfer

80664	376 HYB	-----	-	08/20/18-10/21/18	Online	Anderson R	Closed
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		M-----	10:00-12:50 PM	09/17/18-09/17/18	HCA 117		
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		M-----	10:00-12:50 PM	09/24/18-09/24/18	HCA 117		
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		M-----	10:00-12:50 PM	10/01/18-10/01/18	HCA 117		
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		M-----	10:00-12:50 PM	10/08/18-10/08/18	HCA 117		
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Mandatory Classroom Meetings

KBOR Seamless Transfer

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 randerso@jccc.edu or 913/469-8500, ext. 4108.

80665	377 HYB	-----	-	09/17/18-11/18/18	Online	Anderson R	Closed
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		M-----	10:00-12:50 PM	10/15/18-10/15/18	HCA 117		
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		M-----	10:00-12:50 PM	10/22/18-10/22/18	HCA 117		
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		M-----	10:00-12:50 PM	10/29/18-10/29/18	HCA 117		
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		M-----	10:00-12:50 PM	11/05/18-11/05/18	HCA 117		
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KBOR Seamless Transfer

Mandatory Classroom Meetings

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 randerso@jccc.edu or 913/469-8500, ext. 4108.

80666	379 HYB	-----	-	08/20/18-12/16/18	Online	Miller D	Closed
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		-T-----	03:00-05:50 PM	09/25/18-09/25/18	CC 325		
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	03:00-05:50 PM	10/16/18-10/16/18	CC 325		
	-T-----	03:00-05:50 PM	11/06/18-11/06/18	CC 325		
	-T-----	03:00-05:50 PM	11/27/18-11/27/18	CC 325		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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, 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. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

80667 380 HYB	-----	-	08/20/18-12/16/18	Online	Young M	Closed
	-T-----	06:00-08:50 PM	09/25/18-09/25/18	CC 318		
	-T-----	06:00-08:50 PM	10/16/18-10/16/18	CC 318		
	-T-----	06:00-08:50 PM	11/06/18-11/06/18	CC 318		
	-T-----	06:00-08:50 PM	11/27/18-11/27/18	CC 318		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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 myoung@jccc.edu or 913-469-8500, ext. 4128.

80668 381 HYB	-----	-	08/20/18-12/16/18	Online	Young M	Closed
	-T-----	06:00-08:50 PM	10/02/18-10/02/18	CC 318		
	-T-----	06:00-08:50 PM	10/23/18-10/23/18	CC 318		
	-T-----	06:00-08:50 PM	11/13/18-11/13/18	CC 318		
	-T-----	06:00-08:50 PM	12/04/18-12/04/18	CC 318		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: SPD 121 381 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 myoung@jccc.edu or 913-469-8500, ext. 4128.

80669 382 HYB	-----	-	08/20/18-12/16/18	Online	Easley-Giraldo T	Closed
	--W----	06:00-08:50 PM	09/19/18-09/19/18	CC 318		
	--W----	06:00-08:50 PM	10/10/18-10/10/18	CC 318		
	--W----	06:00-08:50 PM	11/07/18-11/07/18	CC 318		
	--W----	06:00-08:50 PM	11/28/18-11/28/18	CC 318		

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

80671 385 HYB	-----	-	08/20/18-12/16/18	Online	Vasquez A	Closed
	-----S-	09:00-11:50 AM	09/22/18-09/22/18	CC 318		
	-----S-	09:00-11:50 AM	10/20/18-10/20/18	CC 318		
	-----S-	09:00-11:50 AM	11/10/18-11/10/18	CC 318		
	-----S-	09:00-11:50 AM	12/01/18-12/01/18	CC 318		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: SPD 121 385 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.

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80585 001 F2F	M-W----	11:30-12:45 PM	08/20/18-12/16/18	CC 312	Wichman T	Closed
80586 002 F2F	-T-R---	08:00-09:15 AM	08/21/18-12/16/18	CC 325	Hubbard S	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80590 001 F2F	--W----	02:00-04:50 PM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: SPD 130 or the equivalent

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
80591 001 F2F	--W----	02:00-04:50 PM	08/22/18-12/16/18	CC 216	Stanley J Stout D	Closed

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to \$10

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80587 001 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	CC 332	Easley-Giraldo T	Closed
80588 350 ONLNE	-----	-	09/04/18-12/16/18	Online	Easley-Giraldo T	Closed
80589 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Welsch L	Closed

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 lwelsch@jccc.edu.

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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: SPD 132 or equivalent course

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80592 001 F2F	--W----	02:00-04:50 PM	08/22/18-12/16/18	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. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: SPD 230 or equivalent course

Outline (http://catalog.jccc.edu/coursedescriptions/spd/#SPD_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
80593 001 F2F	--W----	02:00-04:50 PM	08/22/18-12/16/18	CC 216	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81234 001 F2F	M-W-F--	10:00-10:50 AM	08/20/18-12/16/18	GEB 342	Noble T	Closed
<i>KBOR Seamless Transfer</i>						
81237 002 F2F	M-W-F--	11:00-11:50 AM	08/20/18-12/16/18	GEB 342	Urban A	Closed
<i>KBOR Seamless Transfer</i>						
81238 003 F2F	-T-R---	11:00-12:15 PM	08/21/18-12/16/18	GEB 342	Philip S	Closed
<i>KBOR Seamless Transfer</i>						
81240 201 F2F	M-----	06:00-09:00 PM	09/10/18-12/16/18	GEB 342	Noble T	Closed
<i>KBOR Seamless Transfer</i>						
81242 351 ONLNE	-----	-	08/20/18-12/16/18	Online	Roose A	Closed
<i>KBOR Seamless Transfer</i>						
83289 353 ONLNE	-----	-	12/12/18-01/09/19	Online	Roose A	Closed
<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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81245 001 F2F	M-W----	11:00-12:15 PM	08/20/18-12/16/18	CC BLBOX	Williamson M	Closed
81246 002 F2F	M-W----	12:30-01:45 PM	08/20/18-12/16/18	CC BLBOX	Noble T	Closed
81248 003 F2F	-T-R---	09:30-10:45 AM	08/21/18-12/16/18	CC BLBOX	Urban A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
81249 004 F2F	----S-	10:00-12:50 PM	08/25/18-12/16/18	CC BLBOX	Williamson M	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. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: THEA 130

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82589 001 F2F	----F--	10:00-12:20 PM	09/21/18-12/16/18	CC BLBOX	Pettigrew B	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. 3 hrs./wk. plus rehearsals and performances.

Credit Hours: 3

Prerequisite: THEA 121 (with a grade of "C" or higher) or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81251 001 F2F	-T-R---	12:30-01:45 PM	08/21/18-12/16/18	CC BLBOX	Pettigrew B	Closed

KBOR Seamless Transfer

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. 2 hrs. lab/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81252 501 INT	-----	-	08/20/18-12/16/18		Rothwell T	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. 2 hrs. lab/wk.

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
81253 501 INT	-----	-	08/20/18-12/16/18		Pettigrew B	5 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. 1 hr. lecture, 1 hr. lab/wk. This course is typically taught in the spring semester.

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
82588 001 F2F	M-W----	01:30-02:40 PM	08/20/18-12/16/18	CC 296	James J	Closed

THEA 136 - Costume Construction

This is a survey of the theory, techniques and skills used in costume creation for the theater and film. Areas of study and practice include basic construction, patterning and cutting; fabrics, design and realization; millinery; craftwork; and organization. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/thea/#THEA_136\)](http://catalog.jccc.edu/coursedescriptions/thea/#THEA_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81254 001 F2F	M-W----	09:30-11:30 AM	08/20/18-12/16/18	CC 296	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. 4 hrs.lab/wk.

Credit Hours: 1

Prerequisite: THEA 133

[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
81257 501 INT	-----	-	08/20/18-12/16/18		Rothwell T	3 of 3

KBOR Seamless Transfer

Requirement: Department approval

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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82062 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	49 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82063 960 IND	-----	-	08/20/18-12/16/18	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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82065 350 ONLINE	-----	-	08/20/18-12/16/18	Online	Byrne K	50 of 50
82064 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	47 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82066 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	47 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82067 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	47 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82068 350 ONLNE	-----	-	08/20/18-12/16/18	Online	Byrne K	49 of 50
82069 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	49 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. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82070 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	50 of 50

WCTR 120 - Writing in the Disciplines

This course is designed to complement and/or support students enrolled in classes in which writing is intrinsic to the curriculum. Students will be exposed to different format styles and genres and encouraged to use revision strategies to increase writing ability. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82071 960 IND	-----	-	08/20/18-12/16/18	LIB 308	Byrne K	49 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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82387 001 F2F	M-----	09:00-11:50 AM	08/20/18-12/16/18	RC 323	Bandel W	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS</i>						
82388 002 F2F	M-----	02:30-05:20 PM	08/20/18-12/16/18	RC 376	White M	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						
82389 003 F2F	-T-----	09:00-11:50 AM	08/21/18-12/16/18	RC 323	Lafferty P	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS</i>						
82390 004 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	RC 353	Lafferty P	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						
82393 005 F2F	----S-	09:00-11:50 AM	08/25/18-12/16/18	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						
82397 350 ONLNE	-----	-	08/22/18-12/16/18	Online	Friedrichsen L	Closed
<i>Accelerating Opportunity KS SB 155 Excel in CTE</i>						
82398 351 ONLNE	-----	-	09/27/18-12/06/18	Online	Friedrichsen L	Closed
<i>SB 155 Excel in CTE Accelerating Opportunity KS</i>						
82399 376 HYB	---R---	02:00-04:50 PM	09/27/18-09/27/18	RC 323	Friedrichsen L	Closed
	-----	-	09/27/18-12/06/18	Online		
	---R---	02:00-04:50 PM	10/04/18-10/04/18	RC 323		
	---R---	02:00-04:50 PM	11/01/18-11/01/18	RC 323		
	---R---	02:00-04:50 PM	12/06/18-12/06/18	RC 323		
<i>Accelerating Opportunity KS SB 155 Excel in CTE Mandatory Classroom Meetings</i>						

WEB 112 - Professional Skills for the Digital Developer

Upon successful completion of this course, the student will be able to demonstrate effective communications and professional skills important to a career in digital development. Topics covered include the use of technology to achieve effective written and verbal communication skills, 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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82401 001 F2F	M-W----	01:00-02:20 PM	08/20/18-12/16/18	RC 323	Hopper J	Closed
<i>Accelerating Opportunity KS</i>						
82402 002 F2F	M-----	06:00-08:50 PM	08/20/18-12/16/18	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>						

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. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$50 to \$75

Prerequisite or corequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82403 001 F2F	--W----	09:00-10:50 AM	08/22/18-12/16/18	RC 323	Young A	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
82405 350 ONLNE	-----	-	09/27/18-12/06/18	Online	Friedrichsen L	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
82406 376 HYB	--R--	06:00-08:50 PM	09/27/18-09/27/18	RC 376	Friedrichsen L	Closed
	-----	-	09/27/18-12/06/18	Online		
	--R--	06:00-08:50 PM	10/04/18-10/04/18	RC 376		
	--R--	06:00-08:50 PM	11/01/18-11/01/18	RC 376		
	--R--	06:00-08:50 PM	12/06/18-12/06/18	RC 376		
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</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. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite or corequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
82407 001 F2F	M-W----	03:00-03:50 PM	08/20/18-12/16/18	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>						
82408 002 F2F	-T-R---	05:00-05:50 PM	08/21/18-12/16/18	RC 323	Lafferty P	Closed
<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. 3 hr. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82409 376 HYB	--W----	04:30-05:50 PM	08/22/18-08/22/18	RC 323	Lewandowski M	Closed
	-----	-	08/22/18-12/16/18	Online		
	--W----	04:30-05:50 PM	09/05/18-09/05/18	RC 323		
	--W----	04:30-05:50 PM	09/26/18-09/26/18	RC 323		
	--W----	04:30-05:50 PM	10/10/18-10/10/18	RC 323		
	--W----	04:30-05:50 PM	10/24/18-10/24/18	RC 323		
	--W----	04:30-05:50 PM	11/07/18-11/07/18	RC 323		
	--W----	04:30-05:50 PM	11/28/18-11/28/18	RC 323		
	--W----	04:30-05:50 PM	12/05/18-12/05/18	RC 323		
	--W----	04:30-05:50 PM	12/12/18-12/12/18	RC 323		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 116

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82410 001 F2F	---R---	09:00-11:50 AM	08/23/18-12/16/18	RC 323	Bandel W	Closed

SB 155 Excel in CTE

WEB 123 - Content Management Systems Strategies

This course will cover the basics of installing and configuring a Web Content Management System (CMS) to build blogs and websites. Students will use the CMS to perform many functions including installing plug-ins and assigning user permissions. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82547 350 ONLNE	-----	-	08/23/18-12/16/18	Online	Baxter P	Closed

SB 155 Excel in CTE

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. 2 hr. lecture/wk.

Credit Hours: 2

Associated Costs: \$50 to \$75

Prerequisite: WEB 114

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82411 001 F2F	-T-----	06:00-08:50 PM	09/25/18-12/04/18	RC 376	Young A	Closed

SB 155 Excel in CTE

82412 350 ONLNE	-----	-	09/27/18-12/06/18	Online	Friedrichsen L	Closed
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SB 155 Excel in CTE

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. 1hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82413 001 F2F	----F--	11:00-01:50 PM	09/28/18-10/26/18	RC 323	Bandel W	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82414 001 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	RC 323	Bandel W	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. 2 hr. lecture/wk.

Credit Hours: 2

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82416 350 ONLINE	-----	-	09/24/18-12/03/18	Online	Meigs R	Closed

SB 155 Excel in CTE

WEB 172 - WordPress I

This course will cover the commands and techniques required to create and revise blogs and websites using WordPress. Topics to be covered will include basic blogging techniques, working with digital images, hosting, spam and security issues, plugins and themes. Real-world applications of WordPress will be the primary focus of this course. Hands-on, practical projects will be performed to reinforce the concepts. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: CPCA 105 or CPCA 106 or CPCA 128 or an appropriate score on an assessment test

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82419 001 F2F	--W----	06:00-08:50 PM	10/31/18-12/05/18	RC 342	White M	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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 114

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82420 001 F2F	---R---	06:00-08:50 PM	08/23/18-09/20/18	RC 376	Young A	Closed

SB 155 Excel in CTE

WEB 234 - Web Apps I

Mobile devices outnumber desktop and laptop computers three to one worldwide. This course will cover practical guidelines, standards, techniques and best practices for building Web applications using Client-Side programming including Hypertext Markup Language (HTML), Cascading Style Sheet (CSS) and JavaScript, including basic design and development principles for all mobile devices and platforms. Students will have strong knowledge about the methods and tools used in developing Web applications. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 124

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82422 001 F2F	M-----	04:00-05:20 PM	08/20/18-12/16/18	RC 323	Hopper J	Closed

SB 155 Excel in CTE

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. 3 hrs. lecture/wk. and 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisites: WEB 122 and WEB 124

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82424 001 F2F	-T-----	01:00-03:50 PM	08/21/18-12/16/18	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. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
82425 350 ONLNE	-----	-	11/01/18-12/04/18	Online	Lafferty P	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. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/wgs/#WGS_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
81746 001 F2F	--W----	06:00-08:50 PM	08/22/18-12/16/18	CC 352	Klinger T	Closed

KBOR Seamless Transfer

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>)
Academic calendar (<http://www.jccc.edu/calendars>)
Course catalog (<http://catalog.jccc.edu>)
Archived course schedules (<http://www.jccc.edu/enroll/archived-course-schedules.html>)
KBOR Transfer (http://www.kansasregents.org/transfer_articulation)

Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.

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