



Credit Spring 2019

Note: The spring schedule displayed is an historical record of the spring 2019 semester. The spring 2020 schedule of classes will be available online in September 15, 2020.

Academic Achievement Center

AAC 100 - Study Skills

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

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10291 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed

AAC 101 - Study Skills Mini-Course

This class is a regularly scheduled class designed to improve students' ability to study efficiently. The focus is an array of skills the college student needs, i.e., test-taking skills and note-taking skills, using a textbook, critical reading and memory recall, and effective listening and classroom strategies. Also covered are services the college offers to facilitate the learning experience for the college student, i.e., the Writing Center, the Math Resource Center, the Academic Achievement Center, the Student Success Center and the Billington Library. The format includes reading, discussion and application activities.

Note: AAC 101 does not meeting in OCB 304/Academic Achievement Center; the sections have an individual meeting time and room location.

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10292 001 F2F	-T-R---	09:30-10:45 AM	01/29/19-02/28/19	SCI 122	Jonason P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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AAC 101 does not meet in OCB 304/Academic Achievement Center; the sections have an individual meeting time and room location.

10293 002 F2F	-----S-	09:00-11:15 AM	03/30/19-05/04/19	LIB 305	Jonason P	Closed
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AAC 101 does not meet in OCB 304/Academic Achievement Center; the sections have an individual meeting time and room location.

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
10294 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed
10295 002 IND	-----	-	02/11/19-05/24/19	OCB 304	Merritt J	Closed

AAC 106 - Vocabulary Development

This self-instructional course is designed for college students who wish to expand both their receptive and expressive vocabulary levels. College students are expected to be able to recognize and use vocabularies specific to specialized and changing contents, i.e., data processing, sociology and business. A vocabulary placement test will be administered to determine a starting level. Instructional material provided by the AAC includes Latin and Greek derivatives, specialized vocabulary, stated and implied meanings as well as the process of acquisition (context clues, etymology and derivatives). An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction as needed to complete the student's program. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10296 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed

AAC 112 - Basic Math Review

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

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10298 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed

AAC 113 - Algebra Preparation

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

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_113)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10299 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed

AAC 120 - Individualized Study

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

Credit Hours: 1

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/coursedescriptions/aac/#AAC_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10300 001 IND	-----	-	01/22/19-05/24/19	OCB 304	Parra L	Closed

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

10301 002 IND	-----	-	02/11/19-05/24/19	OCB 304	Merritt J	Closed
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10302 003 IND	-----	-	01/22/19-05/24/19	OCB 304	Merritt J	Closed
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10303 004 IND	-----	-	02/11/19-05/24/19	OCB 304	Parra L	Closed
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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
11868 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 363	Farmer C	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
11869 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Farmer C	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						

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
11870 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 256	Megariss M	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
11871 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 256	Forbes H	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11873 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 256	Krug D	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11874 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 256	Krug D	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11875 005 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 254	Forbes H	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
11879 006 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 256	Kelley J	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11880 007 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GEB 256	Gluhovskiy A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11882 008 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	GEB 256	Gluhovsky A	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
11883 010 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 256	Fallis P	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11884 011 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 256	Fallis P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11886 013 F2F	-T-R---	04:30-05:45 PM	01/22/19-05/24/19	GEB 256	Henn R	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11887 014 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 256	Wright J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
11889 015 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 256	Jones D	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11890 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11891 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11893 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11894 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Krug D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11895 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Krug D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11896	355	ONLNE	-----	-	01/22/19-03/17/19	Online Fisher E Closed

Accelerating Opportunity KS
SB 155 Excel in CTE
KBOR Seamless Transfer

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
11897	001	F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 353B Krug D Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11898	002	F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 353B King A Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11899	003	F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 353B King A Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11900	004	F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 353B Gluhovsky A Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11902	007	F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 258 Forbes H Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12474	008	F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 353B McNeil K Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
12475	009	F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 353B McNeil K Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12544	010	F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 254 Forbes H Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11903	011	F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 353B Fallis P Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11904	012	F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 353B Cole L Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11905 350 ONLNE	-----	-	01/22/19-05/24/19	Online	McNeil K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11906 351 ONLNE	-----	-	01/22/19-05/24/19	Online	McNeil K	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11907 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Sivaratnam L	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
11908 353 ONLNE	-----	-	01/22/19-03/17/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
11909 354 ONLNE	-----	-	03/25/19-05/19/19	Online	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</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
12126 001 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 353B	Cole L	Closed
<i>SB 155 Excel in CTE</i>						
12127 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Spoolstra A	Closed
<i>SB 155 Excel in CTE</i>						
12128 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Spoolstra A	Closed
<i>SB 155 Excel in CTE</i>						

ACCT 132 - Federal Income Taxes II

This course is an in-depth study of Federal Income Tax; it teaches the student federal income tax rules and the procedures for reporting federal income tax for businesses including corporations, partnerships and trusts. Upon completion of this course the student should be able to analyze basic tax scenarios, conduct tax research and complete federal tax returns for various business entities. In addition, the student should be able to conduct short- and long-term tax planning for a business.

Credit Hours: 3

Prerequisite: ACCT 131 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12129 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Spoolstra A	Closed

SB 155 Excel in CTE

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
12130 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Van Dyke E	Closed
<i>SB 155 Excel in CTE</i>						
12131 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Van Dyke E	Closed
<i>SB 155 Excel in CTE</i>						

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
12132 350 ONLNE	-----	-	01/22/19-05/24/19	Online	King A	Closed
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
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. Note: ACCT 122 may be taken as a pre-req OR co-req.						

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
12133 350 ONLNE	-----	-	01/22/19-05/24/19	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
12134 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 363	McNeil K	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12472 002 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 363	McNeil K	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12135 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/23/19	GEB 363	Cropp D	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12136 004 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/23/19	GEB 363	Cropp D	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
12137 005 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 363	Henn R	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12138 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Jones L	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
12139 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Jones L	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
12140 352 ONLINE	-----	-	03/25/19-05/19/19	Online	Jones L	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12141 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Krug D	Closed

SB 155 Excel in CTE

ACCT 232 - Intermediate Accounting II

Accounting theory learned through the study of accounting concepts and technical procedures will be presented in this course. Upon completion, the student should be able to solve problems in the presentation of capital structures, long-term investments, debts, leases, pensions, the analysis of financial statements, and price-level, and fair value accounting and reporting. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12142 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Kelley J	Closed

SB 155 Excel in CTE

ACCT 240 - Fraud Examination

This course analyzes the principles involved in the detection and prevention of fraud as it pertains to financial matters. The course will explore the vast body of knowledge gained by accounting practitioners and will utilize critical thinking to apply these factors to the prevention of financial-statement and employee fraud. Upon completion of this course, the student should be able to describe how and why fraud is committed, use creative ways to detect and prevent fraudulent conduct, and understand how allegations of fraud should be investigated and resolved. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 122

Outline (http://catalog.jccc.edu/coursedescriptions/acct/#ACCT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12143 350 ONLNE	-----	-	01/22/19-05/24/19	Online	McNeil K	Closed

SB 155 Excel in CTE

ACCT 278 - Accounting Internship

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

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
12144 500 F2F	-----	-	01/22/19-05/24/19	Online	King A	8 of 12

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

Mandatory Classroom Meetings

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
12145 376 F2F	-T-----	04:30-05:45 PM	01/29/19-05/24/19	GEB 353B	Forbes H	Closed
	-----	-	01/29/19-05/24/19	Online		

SB 155 Excel in CTE

Administration of Justice

ADMJ 121 - Introduction to Administration of Justice

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10887 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	PA 145	Galbrecht F	Closed
<i>KBOR Seamless Transfer</i>						
10889 002 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	PA 133	Ladd G	Closed
<i>KBOR Seamless Transfer</i>						
10892 351 ONLNE	-----	-	01/22/19-05/24/19	Online	King K	Closed

KBOR Seamless Transfer

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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10893 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	PA 145	Ashman C	Closed
<i>SB 155 Excel in CTE</i>						
10894 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Welch J	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
10895 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	PA 145	Galbrecht F	Closed
10897 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	PA 145	Ladd G	Closed
10899 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	PA 133	Gabrielson J	Closed
10902 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Gabrielson J	Closed

ADMJ 130 - Crime Prevention

Topics of special interest include the techniques public service agencies use to operate crime-prevention programs and provide technically accurate, cost-effective security recommendations to the community. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10905 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Boye-Doe K	Closed

ADMJ 133 - Juvenile Behavior

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10906 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Simpson M	Closed

ADMJ 141 - Criminal Law

After taking this course, the student will be able to state the two basic elements necessary for any crime and the philosophy behind these two elements. After a detailed exploration of common law crimes and selected Kansas and Missouri statutes, the student will be able to classify common law crimes and state the difference between a felony and a misdemeanor. The student will understand the significance of the separation of powers doctrine and its application to criminal law and the constant interplay of the U.S. Constitution in criminal law. 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
10907 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Blank S	Closed

ADMJ 143 - Crime Analysis

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10908 351 ONLINE	-----	-	01/22/19-05/24/19	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
10910 351 ONLINE	-----	-	01/22/19-05/24/19	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
10911 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	PA 133	Blank S	Closed
10913 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	PA 134	Galbrecht F	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
10916 351 ONLINE	-----	-	01/22/19-05/24/19	Online	King K	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
10917 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	PA 144	McGill Carroll K	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
10919 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	PA 133	Ashman C	Closed

ADMJ 235 - Community Based Corrections

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10923 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	PA 144	King K	Closed
10924 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Welch J	Closed

ADMJ 255 - Ethics and Criminal Justice

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10925 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	PA 144	King K	Closed

ADMJ 285 - Administration of Justice Internship

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

Credit Hours: 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10927 501 INT	-----	-	01/22/19-05/24/19		Galbrecht F	6 of 6

Requirement: Department approval

Automation Engineering Tech

AET 120 - Industrial Fluid Power

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10670 001 F2F	Lab -T-----	01:30-04:20 PM	01/22/19-05/24/19	ATB 168A	Clark H	Closed
	M-----	01:30-03:20 PM	01/28/19-05/24/19	ATB 131		

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
10676 001 F2F	---R---	05:00-06:50 PM	01/24/19-05/24/19	ATB 127	Keating E	Closed
	Lab ---R---	07:00-09:50 PM	01/24/19-05/24/19	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
10131 001 F2F	--W----	05:00-06:50 PM	01/30/19-05/24/19	ITC 191A	Keating E	Closed
	Lab --W----	07:00-09:50 PM	01/30/19-05/24/19	ITC 191A		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

AET 240 - Industrial Robotics

This course examines types, applications and troubleshooting of industrial robots and subsystems. Included in this course is the programming of industrial robotic control software. Students learn to home a robot, test teach points and design simple robot programs for different applications. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: ELTE 110

Outline (http://catalog.jccc.edu/coursedescriptions/aet/#AET_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10671 001 F2F	Lab -T-----	08:30-11:20 AM	01/22/19-05/24/19	ITC 191A	Clark H	Closed
	M-----	09:30-11:20 AM	01/28/19-05/24/19	ITC 189		

SB 155 Excel in CTE

AET 260 - Programmable Logic Controllers II

This course is a continuation of Programmable Logic Controllers I. Principle topics include sequencers, file and block transfers, analog control and proportional-integral-derivative (PID) functions. In addition, methods of networking and advanced user interface will be covered. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3612 for approval.

Credit Hours: 3

Prerequisite: AET 160

Outline (http://catalog.jccc.edu/coursedescriptions/aet/#AET_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10673 002 F2F	M-----	05:00-06:50 PM	01/28/19-05/24/19	ITC 189	Keating E	Closed
	Lab M-----	07:00-09:50 PM	01/28/19-05/24/19	ITC 191A		

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11581 001 F2F	----FS-	09:00-11:50 AM	01/25/19-05/24/19	RC 311	Kimball L	Closed

SB 155 Excel in CTE

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. Note: CDTP 135 can be taken as a pre-requisite OR co-requisite

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11575 001 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	RC 311	Kimball L	Closed

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

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. NOTE: CDTP 135 can be taken as a pre-requisite OR co-requisite

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11583 001 F2F	----FS-	12:00-02:50 PM	01/25/19-05/24/19	RC 311	Stirk L	Closed

SB 155 Excel in CTE

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11587 001 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	RC 311	Kimball L	Closed

SB 155 Excel in CTE

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. NOTE: CDTP 135 can be taken as a pre-requisite OR co-requisite

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
11590 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	RC 311	Garrison A	Closed

SB 155 Excel in CTE

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. NOTE: ANI 150 can be taken as a pre-requisite OR co-requisite

ANI 220 - CG Environments and Animation

In this course students will create interior and exterior environments, generating various types of vegetation and terrain. The details of modeling for film and commercial environments and a range of simple to complex lighting and rendering techniques will be covered. Advanced materials and shaders will be explored. Students will also be introduced to render passes and render layers, and composite the rendered images into a polished animation product. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11593 001 F2F	M-W----	09:00-11:50 AM	01/23/19-05/24/19	RC 311	Stirk L	Closed

SB 155 Excel in CTE

11595 002 F2F	----FS-	03:00-05:50 PM	01/25/19-05/24/19	RC 311	Stirk L	Closed
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SB 155 Excel in CTE

ANI 235 - Character Modeling and Rigging

In this course the student will create a character using high-end software like Maya. Students will explore character design, organic modeling, photorealistic texturing, character rigging, facial rigging, character deformation and portfolio presentation. Students will also explore advanced modeling techniques; clothing, hair and advanced materials will be covered. 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
11598 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	RC 311	Garrison A	Closed

SB 155 Excel in CTE

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. NOTE: ANI 150 can be taken as a pre-requisite or co-requisite

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
11600 001 F2F	-T-R---	09:00-11:50 AM	01/22/19-05/24/19	OCB 106	Kimball L	Closed

SB 155 Excel in CTE

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. NOTE: ANI 150 can be taken as a pre-requisite OR co-requisite

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
11603 001 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	RC 311	Garrison A	Closed

SB 155 Excel in CTE

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. NOTE: ANI 150 can be taken as a pre-requisite OR co-requisite

ANI 260 - Animation Capstone

In this course, the student will use all the knowledge attained in previous core animation courses and develop a finished 1-2 minute independent movie following a predetermined animation production process and schedule. Students will develop a portfolio including illustrations of characters, model and texture work sheets, storyboards, props, environments, textures and final rendered scenes created for the movie. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50

Prerequisite or corequisite: ANI 255

[Outline \(http://catalog.jccc.edu/coursedescriptions/ani/#ANI_260\)](http://catalog.jccc.edu/coursedescriptions/ani/#ANI_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11604 001 F2F	-T-R---	09:00-11:50 AM	01/22/19-05/24/19	RC 311	Garrison A	Closed

SB 155 Excel in CTE

In this course, the student will use all the knowledge attained in previous core animation courses and develop a finished 1-2 minute independent movie following a predetermined animation production process and schedule. Students will develop a portfolio including illustrations of characters, model and texture work sheets, storyboards, props, environments, textures and final rendered scenes created for the movie. 6 hrs. integrated lecture/lab/wk. NOTE: ANI 255 can be taken as a pre-requisite OR co-requisite

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
11606 001 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	RC 311	Stirk L	Closed

SB 155 Excel in CTE

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. NOTE: ANI 220 can be taken as a pre-requisite OR co-requisite

ANI 275 - Animation Career Preparation

This course will provide animation majors instruction in the presentation of his or her work in a digital portfolio format of professional quality. A website, resume and cover letter will be produced. Self-promotion, networking, job searches and interview skills will also be covered. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite or corequisite: ANI 255

Outline (http://catalog.jccc.edu/coursedescriptions/ani/#ANI_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11610 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	OCB 106	Kimball L	Closed

This course will provide animation majors instruction in the presentation of his or her work in a digital portfolio format of professional quality. A website, resume and cover letter will be produced. Self-promotion, networking, job searches and interview skills will also be covered. 6 hrs. integrated lecture/lab/wk. NOTE: ANI 255 can be taken as a pre-requisite OR co-requisite

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
10722 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 338	Raab L	Closed

KBOR Seamless Transfer

10723 002 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 338	Daley S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
10724 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 338	Huber-Smith M	Closed
<i>KBOR Seamless Transfer</i>						
10725 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Raab A	Closed
<i>KBOR Seamless Transfer</i>						
10726 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Raab A	Closed
<i>KBOR Seamless Transfer</i>						
10727 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Corbett S	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
10729 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Corbett S McFarlane W	Closed
10730 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Corbett S 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
10731 001 F2F	M-W----	02:30-03:45 PM	01/23/19-05/24/19	GEB 338	Divney J	Closed
10732 002 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 338	Smith T	Closed
10733 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Huber-Smith M	Closed
10734 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Ediger R	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
10735 001 F2F	M-W----	01:00-02:15 PM	01/23/19-05/24/19	GEB 338	McFarlane W Raab L	Closed

ANTH 144 - Archaeology

This course is an introduction to the basic concepts, methods, and findings in archaeology. The historical origins of the discipline and modern approaches to understanding the past will be presented. The course will describe the range of archaeological evidence and techniques for locating, analyzing, and interpreting these remains. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_144)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10736 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 338	Raab L	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
10737 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 338	Daley S	Closed

ANTH 165 - Linguistic Anthropology

This course is an introduction to the interaction between language and culture. We will explore the various ways humans communicate and analyze how these modes of communication reflect social and cultural identities. Students will also look at how linguistic anthropologists use methods in the field to analyze language use. At the conclusion of this course, students will see how race, ethnicity, gender and other cultural identities are expressed through language. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10739 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 338	Huber-Smith M	Closed

KBOR Seamless Transfer

ANTH 292 - Special Topics:

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10740 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 338	Daley S	Closed

This section's title is **Special Topics: Anthropology of Religion**.

Note: This special topics course will utilize an anthropological-approach to introduce students to the study of the cross-cultural social institution known as religion. Comparative ethnographic studies of Western and non-Western religious and spiritual traditions from the human experience will be utilized, with attention being paid to religious traditions of the Americas. Topics to be discussed include religious symbolism, shamanism, altered states of consciousness, rites of passage, near-death experiences, and witchcraft and magic. Lectures, discussions, readings, and films will be used to accomplish the aforementioned.

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
10741 001 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	ITC 134	Meadows B	Closed
10742 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	ITC 134	Miller J	Closed

ARCH 123 - Architectural Principles

This course will elaborate on the concepts first presented in introduction to architecture. General focus will be on the modern profession and architects dealing with past, present and emerging ideas as they relate to physical and social context including landscaping, buildings and cities. Unifying themes will be presented of formal architectural principles in relation to modernism and the impact on design, the site, landscaping, and site planning issues. This course is only offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 30

Prerequisite: ARCH 120

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10743 001 F2F	M-W----	12:00-01:15 PM	01/23/19-05/24/19	ITC 134	Miller J	Closed

ARCH 131 - Architectural Graphics

This course builds upon the conceptual and manual skills acquired in Introduction to Architectural Graphics. Students will expand their ability by learning to apply a variety of media and advanced drawing systems, such as design drawing techniques, model building, graphic diagramming, grid perspective drawing, projection perspective drawing, and shade and shadow studies. Emphasis will continue to be on learning to think in spatial terms as well as developing a new repertoire of graphic presentation skills. 6 hrs. integrated lecture, studio/wk. This course is only offered in the spring semester.

Credit Hours: 3

Associated Costs: \$100 to 300

Prerequisites: ARCH 127

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10744 001 F2F	M-W----	09:00-11:45 AM	01/23/19-05/24/19	ITC 134	Miller J	Closed

Note: ARCH 131 and 140 should be taken together to count as a full studio transfer credit.

ARCH 140 - Architectural Design

This course introduces the student to the process and vocabulary of design. The purpose of the content is to develop the ability to solve two- and three-dimensional design problems with basic methods, vocabulary and media appropriate to the architectural profession. This course is only offered in the spring semester. 6 hrs. integrated lecture, studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 300

Prerequisites: ARCH 127

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10746 001 F2F	-T-R---	09:00-11:45 AM	01/22/19-05/24/19	ITC 134	Miller J	Closed

Note: ARCH 131 and 140 should be taken together to count as a full studio transfer credit.

ARCH 210 - Design History & Society

The nature of design, even more than the traditional fine arts, responds to and is indeed inseparable from the culture and society in which it exists. This course provides a survey of design history from the nineteenth-century Industrial Revolution to the present, with emphasis on graphic and industrial design and art and architecture, examining the history of design as it corresponds to changes in economics, politics, technology, industrialization, and other societal factors. While focusing on the events and achievements in modern Western cultures there will be selected references to pre-industrial landmarks and developments and a global scope will be examined. Design will be studied as a social practice that contributes to the production, maintenance, and representation of culture and society. The course will focus less on aesthetics than on the cultural milieu in which designers have created images and objects that give physical form to intangible ideas. 3hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10747 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	ITC 134	Meadows B	Closed

This course uses the Phi Theta Kappa curriculum and is taught by certified instructors.

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
10749 001 F2F	--W----	04:00-06:45 PM	01/30/19-05/24/19	ITC 134	Meadows B	Closed

ARCH 245 - Architectural History: Modern

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

Credit Hours: 3

Associated Costs: \$25 to 50

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10750 001 F2F	-T-----	04:00-06:45 PM	01/29/19-05/24/19	ITC 134	Meadows B	Closed

ARCH 292 - Special Topics:

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arch/#ARCH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10752 001 F2F	M-----	04:00-06:45 PM	01/28/19-05/24/19	ITC 134	Meadows B	Closed

This section's title is **Special Topics: Kansas City-An Architectural Biography.**

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
11692 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 219	Hetler C	Closed

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. NOTE: CDTP 145 can be taken as a pre-requisite OR co-requisite

11693 002 F2F	----F--	08:00-01:15 PM	01/25/19-05/24/19	FADS 220	Hawkins P	Closed
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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. NOTE: CDTP 145 can be taken as a pre-requisite OR co-requisite

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
11695 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 220	Shinohara M	Closed
11696 002 F2F	M-----	12:00-05:15 PM	01/28/19-05/24/19	FADS 220	Shinohara M	Closed

ART 129 - Design Color

This is a study of the nature of color, its physical properties and visual qualities. Basic theories, phenomena and their applications will be explored using pigment, colored paper and digital color systems. Working knowledge of Adobe Photoshop is required. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite or corequisite: CDTP 135

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11697 001 F2F	--W-F--	08:00-10:50 AM	01/22/19-05/24/19	FADS 216	Nemer T	Closed

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. NOTE: CDTP 135 can be taken as a pre-requisite OR co-requisite

11698 002 F2F	--W----	12:00-05:15 PM	01/30/19-05/24/19	FADS 216	Nemer T	Closed
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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. NOTE: CDTP 135 can be taken as a pre-requisite OR co-requisite

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
10951 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 210	Ricketts C	Closed
<i>KBOR Seamless Transfer</i>						
10952 002 F2F	-----S-	08:00-01:50 PM	01/26/19-05/24/19	FADS 210	Stewart M	Closed
<i>KBOR Seamless Transfer</i>						
10953 003 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	FADS 210	Carroll J	Closed
<i>KBOR Seamless Transfer</i>						
10954 004 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	FADS 210	Schell A	Closed
<i>KBOR Seamless Transfer</i>						
10955 005 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 210	Kira K	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
10956 001 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 210	Schell A	Closed
10957 002 F2F	-----S-	08:00-01:50 PM	01/26/19-05/24/19	FADS 210	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
10958 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 208	Kligman M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10959 002 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 208	Brown T	Closed
10960 003 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	FADS 208	Ricketts C	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
10961 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 208	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
10962 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 203	Stewart M	Closed

ART 142 - Ceramics I

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

Credit Hours: 3

Associated Costs: \$100 to 250

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10964 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 123	Gascogne L	Closed
10965 002 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 123	Davis S	Closed
10966 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	FADS 123	Davis S	Closed
10967 004 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 123	Gascogne L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10968 005 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	FADS 123	Haney N	Closed
10969 006 F2F	-----S-	08:00-01:50 PM	01/26/19-05/24/19	FADS 123	Haney N	Closed

ART 143 - Ceramics II

This course covers more advanced methods and studio practices in creative ceramic wheel expression and glaze formation. Emphasis is on development of a sense of thrown form and creative decoration or optional creative non-wheel ceramic form development. The course focuses on advanced ceramic form production, aesthetic issues, investigative study and practice. Clay, glaze and firing techniques are investigated in depth. The student acquires a repertoire of studio skills, a deeper awareness of ceramic history and articulated criteria of judgment. Individual interpretation and conceptual development are expected. The study of aesthetics of ceramic form is undertaken. 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
10970 002 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 123	Davis S	Closed
10971 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	FADS 123	Davis S	Closed
12455 004 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 123	Gascogne L	Closed
10973 005 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	FADS 123	Haney N	Closed
10974 006 F2F	-----S-	08:00-01:50 PM	01/26/19-05/24/19	FADS 123	Haney N	Closed

ART 145 - Sculpture I

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

Credit Hours: 3

Associated Costs: \$50 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10976 002 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 125	Cowardin M	Closed
10977 003 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 125	Burmood J	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
10979 002 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 125	Cowardin M	Closed
10980 003 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 125	Burmood J	Closed

ART 148 - Metal and Silversmithing I

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

Credit Hours: 3

Associated Costs: \$50 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10981 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 126	Pener S	Closed
10982 002 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 126	Cool L	Closed
10983 003 F2F	-----S-	12:00-05:50 PM	01/26/19-05/24/19	FADS 126	Cool L	Closed

ART 149 - Metal and Silversmithing II

Students will study advanced casting and construction techniques. Projects should show a higher degree of design and function. 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
10984 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 126	Pener S	Closed
10985 002 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 126	Cool L	Closed
10986 003 F2F	-----S-	12:00-05:50 PM	01/26/19-05/24/19	FADS 126	Cool L	Closed

ART 172 - Watercolor Painting

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

Credit Hours: 3

Associated Costs: \$100 to 200

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10988 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 208	Carroll J	Closed

ART 231 - Life Drawing I

This course is an introduction to the basic elements of drawing for students wanting a concentration in drawing the human figure. Students will acquire basic competence in developing drawings involving the human form. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10989 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 210	Kligman M	Closed
10990 002 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 210	Kira K	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 \(http://catalog.jccc.edu/coursedescriptions/art/#ART_232\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10991 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 210	Kligman M	Closed
10992 002 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 210	Kira K	Closed

ART 235 - Studio Workshop I

This course involves advanced problems in painting (or drawing) 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 131 or ART 136

[Outline \(http://catalog.jccc.edu/coursedescriptions/art/#ART_235\)](http://catalog.jccc.edu/coursedescriptions/art/#ART_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10993 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 208	Kligman M	Closed

ART 236 - Studio Workshop II

This course involves advanced problems in painting (or drawing), above and beyond those experienced in Workshop I, with emphasis on individual expression. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 235

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10994 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 208	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
10963 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 203	Stewart M	Closed

ART 244 - Ceramics Workshop I

Students will have the opportunity to pursue advanced individual research under the direction of the instructor. Emphasis is on creative expression and development of technical skills as well as the further pursuit of technical studies that have relevance for emerging personal specializations. Students will conduct a personal program of study on one aesthetic issue that emerges as personally significant and present the outcomes in an appropriate and acceptable manner at the close of the semester. Students should initiate and pursue studies in directions that inform and further their individual professional and creative growth, which leads to invention, innovation and refinement of their personal semester work, as agreed upon with the instructor. This course enables further pursuit of technical studies that have relevance for these emerging personal specializations. Skill refinement, three-dimensional imagination, with increased creative expression and creative product generation are anticipated. 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
10995 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 123	Gascoigne L	Closed

ART 292 - Special Topics:

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10996 001 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	FADS 126	Pener S	Closed

This section's title is **Casting for Metalsmithing & Jewelry.**

10997 002 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 208	Brown T	Closed
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This section's title is **Narrative and Comics in Art.**

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
10827 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 352	DiCamillo R	Closed

KBOR Seamless Transfer

10829 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 352	Zell V	Closed
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KBOR Seamless Transfer

10830 351 ONLNE	-----	-	01/22/19-05/24/19	Online	DiCamillo R	Closed
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KBOR Seamless Transfer

10832 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Zell V	Closed
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KBOR Seamless Transfer

10833 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Newlands J	Closed
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KBOR Seamless Transfer

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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10834 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 352	Zell V	Closed
<i>KBOR Seamless Transfer</i>						
10835 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 352	Smith A	Closed
<i>KBOR Seamless Transfer</i>						
10836 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Newlands J	Closed
<i>KBOR Seamless Transfer</i>						
10838 352 ONLNE	-----	-	01/22/19-05/24/19	Online	DiCamillo R	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
10840 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 352	Smith A	Closed
10841 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Smith A	Closed
12868 353 ONLNE	-----	-	03/25/19-05/19/19	Online	Smith A	Closed

ARTH 186 - Art History: Introduction to Asian Art

This course will acquaint students with the arts and ideas that arose in India, China and Japan from the prehistoric to the early modern periods. 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. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10843 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Dolembo M	Closed

ARTH 188 - History of Photography

This course provides an introduction to the history of photography. Students will examine the aesthetic and technological evolution of photography as an art form, as a visual tool for and influence upon other artistic disciplines, and as a statement of perceived reality. The course will examine the elements that distinguish various aesthetic movements, the styles of major periods and the influences of individual photographers. Attention will be paid to the relationship between photographic imagery and various cultural and historical contexts. Recommended prior course is PHOT 121. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/arth/#ARTH_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10844 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 352	Mendenhall K	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
12414 001 F2F	M-W-F--	12:00-01:50 PM	01/23/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12415 002 F2F	M-W-F--	01:00-02:50 PM	01/23/19-05/24/19	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
12416 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	GEB 215	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						
12417 004 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12418 005 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	GEB 311	Symansky R	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
12420 001 F2F	M-W-F--	09:00-10:50 AM	01/23/19-05/24/19	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
12421 002 F2F	M-W-F--	02:00-03:50 PM	01/23/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12422 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	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
12460 002 F2F	-T-R---	11:00-01:50 PM	01/22/19-05/24/19	GEB 215	Luton D	Closed

SB 155 Excel in CTE

ASL 123 - Intermediate American Sign Language II

The course will continue study of intermediate American Sign Language. It is designed to develop further intermediate communication skills in American Sign Language. Information about the linguistic and cultural features will be included in the context of language learning experiences. 6 hrs. integrated lecture-lab/ wk. The daytime sections are open only to students in the interpreter training program. INTR 123, FL 271 and ASL 123 are the same courses; only enroll in one.

Credit Hours: 3

Associated Costs: \$10 to 20

Prerequisites: INTR 122 or ASL 122 or FL 270. All prerequisites require a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12466 001 F2F	M-W-F--	08:00-09:50 AM	01/23/19-05/24/19	GEB 215	Luton D	Closed

SB 155 Excel in CTE

ASL 135 - Intro to American Sign Language Linguistics

This course introduces students to the structural and grammatical principles of ASL. Students will explore concepts of equivalency between English and ASL 3 hrs. lecture/wk. The daytime sections are open only to students in the interpreter training program. INTR 135 and ASL 135 are the same course; do not enroll in both.

Credit Hours: 3

Associated Costs: \$10 to 50

Prerequisites: INTR 122 or ASL 122 or FL 270. All prerequisites require a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12440 001 F2F	-T-R---	09:30-10:50 AM	01/22/19-05/24/19	GEB 215	Kuhns K	Closed

SB 155 Excel in CTE

ASL 150 - American Sign Language Literature

This course will provide introduction, discussion, and demonstration of literature in American Sign Language (ASL). The literature involves ASL Poetry, ASL Storytelling/Narratives, Deaf Humor, Deaf Folklore and other genres that have been passed on from one generation to another by culturally deaf people. Students will receive, analyze and retell a variety of ASL literature. 3 hrs. lecture/wk. INTR 150 and ASL 150 are the same course; do not enroll in both.

Note: INTR 150 and ASL 150 are the same course; do not enroll in both

Credit Hours: 3

Prerequisite: INTR 122 or ASL 122 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/asl/#ASL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12442 001 F2F	-T-R---	08:00-09:20 AM	01/24/19-05/24/19	GEB 215	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
12443 002 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 215	Kuhns K	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
10678 350 ONLNE	-----	-	01/22/19-05/24/19	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.						
10679 351 ONLNE	-----	-	01/22/19-05/24/19	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.						
10680 352 ONLNE	-----	-	01/22/19-05/24/19	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.						
10681 353 ONLNE	-----	-	02/04/19-05/24/19	Online	Patterson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: This is a 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.						
10682 354 ONLNE	-----	-	03/25/19-05/24/19	Online	Koch W	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

Note: This is an 8-week accelerated 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.

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
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10683 001 F2F	Lab --W----	09:00-10:50 AM	01/23/19-05/24/19	CLB 411	Koch W	Closed
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	--W----	11:00-11:50 AM	01/23/19-05/24/19	CLB 405		
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	M-----	09:00-10:50 AM	01/28/19-05/24/19	CLB 411		
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KBOR Seamless Transfer

10684 002 F2F	-T-----	09:00-09:50 AM	01/22/19-05/24/19	CLB 411	Patterson J	Closed
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	Lab -T-----	10:00-11:50 AM	01/22/19-05/24/19	CLB 411		
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	---R---	09:00-10:50 AM	01/24/19-05/24/19	CLB 411		
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KBOR Seamless Transfer

10685 003 F2F	-T-----	01:00-01:50 PM	01/22/19-05/24/19	CLB 405	Patterson J	Closed
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	Lab -T-----	02:00-03:50 PM	01/22/19-05/24/19	CLB 411		
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	---R---	01:00-02:50 PM	01/24/19-05/24/19	CLB 405		
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KBOR Seamless Transfer

10686 380 HYB	-----	-	01/22/19-05/24/19	Online	Koch W	Closed
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	--W----	06:00-06:50 PM	01/23/19-05/24/19	CLB 405		
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	Lab --W----	07:00-08:50 PM	01/23/19-05/24/19	CLB 411		
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KBOR Seamless Transfer

Mandatory Classroom Meetings

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
10382 001 F2F	Lab --W----	06:00-08:40 PM	01/23/19-05/24/19	ATB 183	Davis J	Closed
	M-----	06:00-07:40 PM	01/28/19-05/24/19	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
10383 376 HYB	Lab -T-----	06:00-08:40 PM	01/29/19-05/24/19	ATB 190	Hale H	Closed
	-----	-	01/29/19-05/24/19			
	---R---	06:00-07:40 PM	01/31/19-05/24/19	ATB 129		

SB 155 Excel in CTE

10384 377 HYB	Lab -T-----	01:00-02:40 PM	01/22/19-05/24/19	ATB 190	Jones M	Closed
	-----	-	01/22/19-05/24/19	Online		
	---R---	01:00-03:40 PM	01/24/19-05/24/19	ATB 129		

SB 155 Excel in CTE

10385 378 HYB	----S-	08:00-09:40 AM	01/26/19-05/24/19	ATB 129	Carswell R	Closed
	Lab ----S-	09:45-12:15 PM	01/26/19-05/24/19	ATB 190		
	-----	-	01/26/19-05/24/19	Online		

SB 155 Excel in CTE

AUTO 130 - Diesel Fundamentals

Upon successful completion of this course, the student should be able to identify diesel engine components and parts, troubleshoot and service all external components with an emphasis on glow plugs, injectors and injector pumps. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 3 hrs. lab/wk. This course is taught in the spring semester.

Credit Hours: 2

Prerequisite or corequisite: AUTO 125

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10386 376 HYB	----F--	09:00-09:50 AM	01/25/19-05/24/19	ATB 183	Perrodin R	Closed
	Lab ----F--	10:00-12:40 PM	01/25/19-05/24/19	ATB 185		
	-----	-	01/25/19-05/24/19	Online		

SB 155 Excel in CTE

Upon successful completion of this course, the student should be able to identify diesel engine components and parts, troubleshoot and service all external components with an emphasis on glow plugs, injectors and injector pumps. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 1 hr. lecture, 3 hrs. lab/wk. This course is taught in the spring semester. NOTE: AUTO 125 can be taken as a pre-requisite OR co-requisite

AUTO 150 - Steering and Suspension I

In this course students will document fundamental suspension systems concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment, perform a four wheel alignment, and perform fundamental diagnostics and repair of wheel and tire systems. 2 hrs. lecture/wk, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$400

Corequisite: AUTO 151 Prerequisite or Corequisite: AUTO 125

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10387 001 F2F	-T-R---	08:00-08:50 AM	01/22/19-05/24/19	ATB 129	Jones M	Closed
	Lab -T-----	09:00-11:40 AM	01/22/19-05/24/19	ATB 190		

SB 155 Excel in CTE

In this course students will document fundamental suspension systems concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment, perform a four wheel alignment, and perform fundamental diagnostics and repair of wheel and tire systems. 2 hrs. lecture/wk, 3 hrs. lab/wk. NOTE: Corequisite to enroll in AUTO 151 (CRN 10388). AUTO 125 can be taken as a pre-requisite OR co-requisite

10389 002 F2F	--W-F--	06:00-06:50 PM	01/23/19-05/24/19	ATB 129	Kolb S	Closed
	Lab --W----	07:00-09:40 PM	01/23/19-05/24/19	ATB 190		

Co-requisite to enroll in AUTO 151 (CRN 10390)

SB 155 Excel in CTE AUTO 151 (CRN 10390)

In this course students will document fundamental suspension systems concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment, perform a four wheel alignment, and perform fundamental diagnostics and repair of wheel and tire systems. 2 hrs. lecture/wk, 3 hrs. lab/wk. NOTE: Corequisite to enroll in AUTO 151 (CRN 10390). AUTO 125 can be taken as a pre-requisite OR co-requisite

10391 003 F2F	----F--	09:00-10:40 AM	01/25/19-05/24/19	ATB 129	Steffen D	Closed
	Lab ----F--	11:30-02:00 PM	01/25/19-05/24/19	ATB 190		

SB 155 Excel in CTE

In this course students will document fundamental suspension systems concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment, perform a four wheel alignment, and perform fundamental diagnostics and repair of wheel and tire systems. 2 hrs. lecture/wk, 3 hrs. lab/wk. NOTE: Note: Corequisite to enroll in AUTO 151 (CRN 10392). AUTO 125 can be taken as a pre-requisite OR co-requisite

AUTO 151 - Alignment Practicum

This course will enhance the skills of diagnosing the need for wheel alignment and performing alignment of the steering and suspension systems. 3 hrs. lab/wk.

Credit Hours: 1

Associated Costs: \$400

Corequisite: AUTO 150 Prerequisite or corequisite: AUTO 125

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10388 001 LAB	Lab ---R---	09:00-11:40 AM	01/24/19-05/24/19	ATB 190	Jones M	Closed

SB 155 Excel in CTE

This course will enhance the skills of diagnosing the need for wheel alignment and performing alignment of the steering and suspension systems. 3 hrs. lab/wk. Note: Corequisite to enroll in AUTO 150 (CRN 10387). AUTO 125 can be taken as a Prerequisite OR Corequisite

10390 002 LAB	Lab ----F--	07:00-09:40 PM	01/25/19-05/24/19	ATB 190	Kolb S	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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SB 155 Excel in CTE

This course will enhance the skills of diagnosing the need for wheel alignment and performing alignment of the steering and suspension systems. 3 hrs. lab/wk. Note: Corequisite to enroll in AUTO 150 (CRN 10389). AUTO 125 can be taken as a Prerequisite OR Corequisite

10392 003 LAB	Lab	----F--	02:30-05:00 PM	01/25/19-05/24/19	ATB 190	Steffen D	Closed
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SB 155 Excel in CTE

This course will enhance the skills of diagnosing the need for wheel alignment and performing alignment of the steering and suspension systems. 3 hrs. lab/wk. Note: Corequisite to enroll in AUTO 150 (CRN 10391). AUTO 125 can be taken as a Prerequisite OR Corequisite

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
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10393 376 HYB	--W----	06:00-07:55 PM	01/23/19-05/24/19	ATB 125	Fort R	Closed
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	-----	-	01/23/19-05/24/19	Online		
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Lab	M-----	06:00-08:55 PM	01/28/19-05/24/19	ATB 182		
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SB 155 Excel in CTE

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. NOTE: AUTO 125 can be taken as a Prerequisite OR Corequisite

AUTO 161 - Engine Performance I

In this learning plan students will: complete work order and check history; identify engine mechanical integrity; explore the fundamentals of fuel system theory; identify fuel system concerns; explore the fundamentals of ignition theory; identify ignition system concerns; identify induction system concerns; identify exhaust system concerns; identify engine mechanical integrity through a variety of learning and assessment activities. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to \$400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10454 376 HYB	-T----	02:00-03:40 PM	01/22/19-05/24/19	ATB 129	James J	Closed
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	-----	-	01/22/19-05/24/19	Online		
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Lab	---R--	01:00-03:40 PM	01/24/19-05/24/19	ATB 192		
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SB 155 Excel in CTE

10455 377 HYB	-T----	06:00-07:40 PM	01/29/19-05/24/19	ATB 183	James J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/29/19-05/24/19			
	Lab ---R---	06:00-08:40 PM	01/31/19-05/24/19	ATB 190		

SB 155 Excel in CTE

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
10456 376 HYB	M-W----	08:00-08:50 AM	01/23/19-05/24/19	ATB 129	Hall D	Closed
	Lab M-W----	09:00-11:40 AM	01/23/19-05/24/19	ATB 185		
	-----	-	01/23/19-05/24/19	Online		

SB 155 Excel in CTE

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. NOTE: Prerequisite or Corequisite is AUTO 125 OR department approval

AUTO 166 - Electrical II

Upon completion of this course, the student should be able to perform battery diagnosis, perform battery service, perform starting system diagnosis, perform starting system repair, perform charging system diagnosis, perform charging system repair, and identify current flow on starting and charging system diagrams. 1 hr. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 2

Associated Costs: \$0 to \$400

Prerequisite: AUTO 156

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_166)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10459 376 HYB	M-----	08:00-08:50 AM	01/28/19-05/24/19	ATB 127	Jones M	Closed
	Lab M-----	09:00-11:40 AM	01/28/19-05/24/19	ATB 190		
	-----	-	01/28/19-05/24/19	Online		

SB 155 Excel in CTE

10460 377 HYB	M-----	06:00-06:50 PM	01/28/19-05/24/19	ATB 132	Hale H	Closed
	Lab M-----	07:00-09:40 PM	01/28/19-05/24/19	ATB 190		
	-----	-	01/28/19-05/24/19	Online		

SB 155 Excel in CTE

10461 378 HYB	M-----	01:00-01:50 PM	01/28/19-05/24/19	ATB 129	Jones M	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab M-----	02:00-04:40 PM	01/28/19-05/24/19	ATB 192		
	-----	-	01/28/19-05/24/19	Online		

SB 155 Excel in CTE

AUTO 201 - ASE Certification Review

This course will prepare students to take any of the eight (8) basic National Institute for Automotive Service Excellence (ASE) automotive student certification tests. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$30-\$50

Prerequisites or corequisites: AUTO 208 and AUTO 209 and AUTO 221 and AUTO 250

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10462 350 ONLINE	-----	-	01/22/19-05/24/19	Online	James J	Closed

This course will prepare students to take any of the eight (8) basic National Institute for Automotive Service Excellence (ASE) automotive student certification tests. 1 hr. lecture/wk. NOTE: AUTO 208, AUTO 209, AUTO 221 and AUTO 250 can be taken as pre-requisites OR co-requisites

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
10463 376 HYB	Lab --W----	06:00-08:50 PM	01/23/19-05/24/19	ATB 182	Eddy B	Closed
	-----	-	01/23/19-05/24/19	Online		
	M-----	06:00-08:50 PM	01/28/19-05/24/19	ATB 129		

SB 155 Excel in CTE

AUTO 215 - Engine Performance III

Upon successful completion of this course, the student should be able to service and repair fuels systems, ignition systems, and exhaust systems. The student will be required to provide ANSI Z87 safety glasses and will be expected to provide other basic hand tools and/or equipment. Prerequisite: AUTO 205.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite: AUTO 205

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10464 376 HYB	Lab M-W----	01:00-03:40 PM	01/23/19-05/24/19	ATB 190	James J	Closed
	-----	-	01/23/19-05/24/19	Online		
	M-----	12:00-12:50 PM	01/28/19-05/24/19	ATB 183		
<i>SB 155 Excel in CTE</i>						
10465 377 HYB	--W----	06:00-06:50 PM	01/23/19-05/24/19	ATB 127	James J	Closed
	Lab --W----	07:00-09:40 PM	01/23/19-05/24/19	ATB 192		
	-----	-	01/23/19-05/24/19	Online		
	Lab ----F--	06:00-08:40 PM	01/25/19-05/24/19	ATB 192		

SB 155 Excel in CTE

AUTO 221 - Heating and Air Conditioning

Upon successful completion of this course, the student should be able to operate, service and diagnose automotive heating, ventilation and air conditioning systems. The course will cover the theory and operation of these systems, major components, testing, recycling and other service procedures. 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 and AUTO 165

Outline (http://catalog.jccc.edu/coursedescriptions/auto/#AUTO_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10466 376 HYB	Lab --W----	09:00-11:40 AM	01/23/19-05/24/19	ATB 190	Ireland J	Closed
	-----	-	01/23/19-05/24/19	Online		
	M-----	09:00-11:40 AM	01/28/19-05/24/19	ATB 129		
<i>SB 155 Excel in CTE</i>						
10467 377 HYB	-T-----	06:00-08:40 PM	01/29/19-05/24/19	ATB 129	Stow J	Closed
	-----	-	01/29/19-05/24/19			
	Lab ---R---	06:00-08:40 PM	01/31/19-05/24/19	ATB 192		

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
10468 376 HYB	-T-R---	09:00-09:50 AM	01/22/19-05/24/19	ATB 129	Ireland J	Closed
	Lab -T-R---	10:00-12:40 PM	01/22/19-05/24/19	ATB 182		
	-----	-	01/22/19-05/24/19	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
10469 500 INT	-----	-	01/22/19-05/24/19		Ireland 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 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
11840 001 F2F	-T-R---	04:30-07:30 PM	01/22/19-05/16/19	 OHEC 241	Kuria J	Closed

SB 155 Excel in CTE

Accelerating Opportunity KS

NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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
11845 002 F2F	--WR---	08:30-03:30 PM	01/23/19-03/14/19	 OHEC 233	Horst K	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
11846 003 F2F	--WR---	08:30-03:30 PM	03/27/19-05/16/19	 OHEC 233	Horst K	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
12555 112 F2F	-T-R---	05:00-08:00 PM	01/22/19-05/16/19	 OHEC 233	Brune M	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
12556 113 F2F	M-W----	05:30-08:30 PM	01/28/19-05/22/19	 OHEC 233	Schrader L	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
12768 117 F2F	M-----	05:00-09:00 PM	02/18/19-05/20/19	 OHEC 241	Bond K	Closed
	---R---	05:00-09:00 PM	02/21/19-05/23/19	 OHEC 231		
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
11843 376 HYB	---R---	08:00-03:00 PM	01/24/19-03/14/19	 OHEC 235	Talbert K	Closed
	-----	-	01/24/19-03/14/19	Online		
<i>Mandatory Classroom Meetings</i> <i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html).						
11842 377 HYB	-----S-	08:00-03:00 PM	03/30/19-05/18/19	 OHEC 241	Plumberg J	Closed
	-----	-	03/30/19-05/18/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open	
<i>Mandatory Classroom Meetings</i>							
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.							
11844	378 HYB	---R---	08:00-03:00 PM	03/28/19-05/16/19	 OHEC 235	Talbert K	Closed
		-----	-	03/28/19-05/16/19	Online		
<i>Mandatory Classroom Meetings</i>							
<i>Accelerating Opportunity KS</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.							
11841	379 HYB	----F--	08:00-03:00 PM	01/25/19-03/15/19	 OHEC 233	Brown D	Closed
		-----	-	01/25/19-03/15/19	Online		
<i>Accelerating Opportunity KS</i>							
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.							
11851	380 HYB	--W----	08:30-03:30 PM	01/23/19-03/13/19	 OHEC 231	Kobularcik L	Closed
		-----	-	01/23/19-03/13/19	Online		
<i>Accelerating Opportunity KS</i>							
<i>Mandatory Classroom Meetings</i>							
<i>SB 155 Excel in CTE</i>							
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.							
11852	381 HYB	--W----	08:30-03:30 PM	03/27/19-05/15/19	 OHEC 231	Kobularcik L	Closed
		-----	-	03/27/19-05/15/19	Online		
<i>SB 155 Excel in CTE</i>							
<i>Accelerating Opportunity KS</i>							
<i>Mandatory Classroom Meetings</i>							
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.							
11855	383 HYB	--W----	08:00-03:00 PM	03/27/19-05/15/19	 OHEC 241	Reischman C	Closed
		-----	-	03/27/19-05/15/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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.						
12575 386 HYB	M-----	04:30-07:30 PM	01/28/19-05/20/19	OHEC 235	Kuria J	Closed
	-----	-	01/28/19-05/20/19	Online		

SB 155 Excel in CTE

Accelerating Opportunity KS

Mandatory Classroom Meetings

NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, October 26. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html>) before October 26. Clinical days/hours may vary. Clinical hours may be revised as early as 5:45 a.m., ending as late as 9:00 p.m. Waitlisting available. (www.jccc.edu/admissions/enrollment/waitlist-procedures.html). 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
11856 005 F2F	MTW----	08:30-04:00 PM	02/18/19-02/20/19	OHEC 235	Waechter J	Closed
11857 006 F2F	--W----	08:00-03:00 PM	02/13/19-02/27/19	OHEC 241	Reischman C	Closed
11858 007 F2F	MTW----	08:30-04:00 PM	04/15/19-04/17/19	OHEC 235	Waechter J	Closed
11859 008 F2F	M-W----	06:00-09:30 PM	04/22/19-05/08/19	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
12545 114 F2F	-T-R---	08:30-12:30 PM	02/05/19-05/02/19	 OHEC 231	Pfeffer L	Closed

SB 155 Excel in CTE

AVHO 115 - IV Therapy for LPNs


This course provides review of basic physiology of the circulatory system and instruction in principles of site selection for veins appropriate for IV therapy. This course meets the Kansas requirements for LPNs seeking certification in IV Therapy. 48 contact hrs. For additional information go to the jccc.edu website: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. The credit reflected in this course is for transcript reporting, recording and transfer only. For more information, go to <http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>. (<http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>.)

Credit Hours: 3

Associated Costs: \$55

Prerequisites: Proof of Kansas LPN licensure. Present evidence of Personal Liability insurance at the time of application for admission to the program and maintain it throughout the clinical practicum. Maintenance of current CPR certification for the duration of the course. Evidence of negative TB test or chest X-ray within the past year. JCCC Student Professional Liability Insurance

Outline (http://catalog.jccc.edu/coursedescriptions/avho/#AVHO_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12494 009 F2F	----F--	10:00-02:00 PM	01/25/19-04/19/19	 OHEC 209	Staley N	Closed

SB 155 Excel in CTE

Biology

BIOL 110 - Nutrition for Life

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

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
11247 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Markley L	Closed
11248 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Markley L	Closed

BIOL 115 - Natural History of Kansas

Natural History of Kansas describes physical and biological processes that have led to the present Kansas landscape. Physical science topics include geology, climate patterns and soil formation. Biological science topics include ecology and a survey of the plants and animals of Kansas. The course will consider how the physical and biological environment relates to past and present human resource uses. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_115\)](http://catalog.jccc.edu/coursedescriptions/biol/#BIOL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11489 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Williams D	Closed

BIOL 121 - Introductory Biology for Non-Majors

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

Credit Hours: 4

Associated Costs: \$0 to 15

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11262 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 316	Finch D	Closed
	Lab ----F--	09:00-10:50 AM	01/25/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11263 002 F2F	Lab -T-----	09:00-10:50 AM	01/22/19-05/24/19	SCI 207	Loring D	Closed
	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 316		
<i>KBOR Seamless Transfer</i>						
11265 003 F2F	Lab -T-----	09:30-11:20 AM	01/22/19-05/24/19	SCI 203	Vickers J	Closed
	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 314		
<i>KBOR Seamless Transfer</i>						
11268 004 F2F	Lab -T-----	12:00-01:50 PM	01/22/19-05/24/19	SCI 203	Vickers J	Closed
	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 314		
<i>KBOR Seamless Transfer</i>						
11271 005 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 316	Loring D	Closed
	Lab ----F--	11:00-12:50 PM	01/25/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11276 006 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 316	Weigand K	Closed
	Lab --W----	01:00-02:50 PM	01/23/19-05/24/19	SCI 203		
<i>KBOR Seamless Transfer</i>						
11284 007 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 314	Vickers J	Closed
	Lab ---R---	09:30-11:20 AM	01/24/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11286 008 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 316	Chappell A	Closed
	Lab ---R---	12:00-01:50 PM	01/24/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11287 009 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 316	Chappell A	Closed
	Lab --W----	02:00-03:50 PM	01/23/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11292 010 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 314	Brink M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab ---R---	02:00-03:50 PM	01/24/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
11294 011 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 316	Brink M	Closed
	Lab -T-----	02:00-03:50 PM	01/22/19-05/24/19	SCI 203		
<i>KBOR Seamless Transfer</i>						
11296 012 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 314	Loring D	Closed
	Lab ---R---	09:00-10:50 AM	01/24/19-05/24/19	SCI 203		
<i>KBOR Seamless Transfer</i>						
11299 013 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 314	Loring D	Closed
	Lab --W----	11:00-12:50 PM	01/23/19-05/24/19	SCI 203		
<i>KBOR Seamless Transfer</i>						
11307 050 F2F	Lab --W----	06:00-07:50 PM	01/23/19-05/24/19	SCI 207	Gargesh R	Closed
	M-----	06:00-08:50 PM	01/28/19-05/24/19	CLB 314		
<i>KBOR Seamless Transfer</i>						
11310 380 HYB	Lab -T-----	03:00-04:50 PM	01/22/19-05/24/19	SCI 207	Daggett M	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
11312 381 HYB	-----	-	01/28/19-05/24/19	Online	Daggett M	Closed
	Lab -T-----	06:00-07:50 PM	01/29/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
11315 382 HYB	-----	-	02/04/19-05/24/19	Online	Stawinski S	Closed
	Lab -----S-	01:00-04:50 PM	02/09/19-02/09/19	SCI 207		
	Lab -----S-	01:00-02:50 PM	02/16/19-05/24/19	SCI 207		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						

Note: This is a late start course. Lab meetings are mandatory.

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
11249 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Gargesh R	Closed
11250 351 ONLNE	-----	-	01/22/19-05/24/19	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
11251 001 F2F	M-W-F--	01:00-03:20 PM	01/23/19-05/24/19	CLB 407	Giambrone S	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
11252 001 F2F	M-W----	09:00-12:20 PM	01/23/19-05/24/19	CLB 407	Holcroft Benson N	Closed
11253 002 F2F	-T-R---	12:30-03:50 PM	01/22/19-05/24/19	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
11490 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GP 101	Layne R	Closed
<i>KBOR Seamless Transfer</i>						
11491 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GP 101	Layne R	Closed
<i>KBOR Seamless Transfer</i>						
11492 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	SCI 118	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
11493 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GP 101	Lockard J	Closed
<i>KBOR Seamless Transfer</i>						
11494 005 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GP 101	Lockard J	Closed
<i>KBOR Seamless Transfer</i>						
11495 006 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GP 101	Lockard J	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11496 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GP 101	Menzel J	Closed
<i>KBOR Seamless Transfer</i>						
11497 008 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GP 101	Menzel J	Closed
<i>KBOR Seamless Transfer</i>						
11498 009 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GP 101	Menzel J	Closed
<i>KBOR Seamless Transfer</i>						
11503 010 F2F	M-W----	04:00-05:15 PM	01/23/19-05/24/19	GP 102	Oden J	Closed
<i>KBOR Seamless Transfer</i>						
11511 050 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GP 101	Criner K	Closed
<i>KBOR Seamless Transfer</i>						
11513 090 F2F	M-----	06:00-08:59 PM	02/04/19-05/24/19	GP 102	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
Note: Late Start Course.						
11523 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Oden J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
11524 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Witters L	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
11525 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Witters L	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
11526 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Williams D	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
11534 354 ONLNE	-----	-	01/22/19-03/17/19	Online	Williams D	Closed
<i>KBOR Seamless Transfer</i>						
Note: 8-week accelerated course. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
11536 355 ONLNE	-----	-	03/25/19-05/19/19	Online	Powell S	Closed
<i>KBOR Seamless Transfer</i>						
Note: 8-week accelerated late start course. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
12919 356 ONLNE	-----	-	03/25/19-05/19/19	Online	Powell S	Closed
<i>KBOR Seamless Transfer</i>						

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
11543 001 F2F	Lab M-----	11:00-12:50 PM	01/28/19-05/24/19	CLB 303	Witters L	Closed
<i>KBOR Seamless Transfer</i>						
11546 002 F2F	Lab M-----	02:00-03:50 PM	01/28/19-05/24/19	CLB 303	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
11548 003 F2F	Lab -T-----	09:00-10:50 AM	01/22/19-05/24/19	CLB 303	Layne R	Closed
<i>KBOR Seamless Transfer</i>						
11549 004 F2F	--W----	10:00-11:50 AM	01/30/19-05/24/19	CLB 303	Witters L	Closed
<i>KBOR Seamless Transfer</i>						
11550 005 F2F	Lab ---R---	11:00-12:50 PM	01/24/19-05/24/19	CLB 303	Ferrero S	Closed
<i>KBOR Seamless Transfer</i>						
11551 050 F2F	--W----	05:30-07:20 PM	01/30/19-05/24/19	CLB 303	Finley C	Closed
<i>KBOR Seamless Transfer</i>						
11552 350 ONLNE	Lab -----	-	01/22/19-05/24/19	Online	Oden J	Closed

KBOR Seamless Transfer

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 to visit local areas to assess flora and fauna.

11553 351 ONLNE	Lab -----	-	01/22/19-05/24/19	Online	Oden J	Closed
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KBOR Seamless Transfer

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 to visit local areas to assess flora and fauna.

11554 352 ONLNE	Lab -----	-	01/22/19-05/24/19	Online	Ferrero S	Closed
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KBOR Seamless Transfer

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 to 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
11478 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Lambart L	Closed
<i>Note: Assignments are online. Tests will be taken in the JCCC testing center or an approved test site.</i>						
11479 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Lambart L	Closed

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

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
11480 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	RC 370	El Mellouki T	Closed
	Lab --W----	09:00-10:50 AM	01/23/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11481 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	RC 370	Arico J	Closed
	Lab M-----	10:00-11:50 AM	01/28/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11482 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	RC 370	Mozingo L	Closed
	Lab M-----	08:00-09:50 AM	01/28/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11483 004 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	RC 370	Arico J	Closed
	Lab M-----	02:00-03:50 PM	01/28/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11484 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 370	Giambrone S	Closed
	Lab -T-----	11:00-12:50 PM	01/24/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11485 006 F2F	-T-R---	01:00-02:15 PM	01/22/19-05/24/19	RC 370	Giambrone S	Closed
	Lab ---R---	02:30-04:20 PM	01/22/19-05/24/19	RC 345		
<i>KBOR Seamless Transfer</i>						
11486 050 F2F	-T-----	06:00-06:50 PM	01/22/19-05/24/19	RC 370	Wu X	Closed
	Lab -T-----	07:00-08:50 PM	01/22/19-05/24/19	RC 345		
		---R---	06:00-07:50 PM	01/24/19-05/24/19	RC 370	
<i>KBOR Seamless Transfer</i>						
11487 380 HYB	Lab -T-----	04:00-05:50 PM	01/22/19-05/24/19	RC 345	Harmon M	Closed
	-----	-	01/22/19-05/24/19	Online		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10751 001 F2F	M-W-F--	08:00-09:50 AM	01/23/19-05/24/19	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
10753 002 F2F	M-W-F--	10:00-11:50 AM	01/23/19-05/24/19	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
10754 003 F2F	M-W-F--	01:00-02:50 PM	01/23/19-05/24/19	CLB 313	LaBarge M	Closed
<i>KBOR Seamless Transfer</i>						
10755 004 F2F	M-W----	10:00-12:45 PM	01/23/19-05/24/19	CLB 309	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
10756 005 F2F	M-W----	01:00-03:45 PM	01/23/19-05/24/19	CLB 309	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
10757 006 F2F	-T-R---	09:30-12:15 PM	01/22/19-05/24/19	CLB 313	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
10758 007 F2F	-T-R---	12:30-03:15 PM	01/22/19-05/24/19	CLB 313	Makarov A	Closed
<i>KBOR Seamless Transfer</i>						
10759 008 F2F	-T-R---	11:00-01:45 PM	01/22/19-05/24/19	CLB 309	Blodig J	Closed
<i>KBOR Seamless Transfer</i>						
10760 009 F2F	-T-R---	02:00-04:45 PM	01/22/19-05/24/19	CLB 309	Sherry R	Closed
<i>KBOR Seamless Transfer</i>						
10763 050 F2F	-T-R---	06:00-08:45 PM	01/22/19-05/24/19	CLB 309	Sherry R	Closed
<i>KBOR Seamless Transfer</i>						
10768 090 F2F	-T-R---	07:30-10:29 AM	02/05/19-05/24/19	CLB 309	Brown S	Closed
<i>KBOR Seamless Transfer</i>						
Note: This is a late start course.						
10769 350 ONLINE	-----	-	01/22/19-05/24/19	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.						
10771 351 ONLINE	-----	-	01/22/19-05/24/19	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.						
10773 352 ONLINE	-----	-	01/22/19-05/24/19	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.						
10775 353 ONLINE	-----	-	01/22/19-05/24/19	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.						
10778 354 ONLINE	-----	-	01/22/19-05/24/19	Online	Lasley L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
Note: All quizzes and exams are accessed online and have specific due dates with restrictive timing and attempt limits.						
10780	355 ONLINE	-----	-	01/22/19-05/24/19	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
11096	001 F2F	M-W-F--	07:00-09:20 AM	01/23/19-05/24/19	SCI 103	Clark M Closed
<i>KBOR Seamless Transfer</i>						
11100	002 F2F	M-W----	09:30-12:50 PM	01/23/19-05/24/19	SCI 103	Wright G Closed
<i>KBOR Seamless Transfer</i>						
11102	003 F2F	M-W----	01:30-04:50 PM	01/23/19-05/24/19	SCI 103	Chorn J Closed
<i>KBOR Seamless Transfer</i>						
11103	004 F2F	-T-R---	07:30-10:50 AM	01/22/19-05/24/19	SCI 103	Chorn J Closed
<i>KBOR Seamless Transfer</i>						
11104	005 F2F	-T-R---	11:00-02:20 PM	01/22/19-05/24/19	SCI 103	Baumgardner B Closed
<i>KBOR Seamless Transfer</i>						
11105	006 F2F	-T-R---	02:30-05:50 PM	01/22/19-05/24/19	SCI 103	Cobb A Closed
<i>KBOR Seamless Transfer</i>						
11107	050 F2F	M-W----	06:00-09:20 PM	01/23/19-05/24/19	SCI 103	Chorn J Closed
<i>KBOR Seamless Transfer</i>						
11108	051 F2F	-T-R---	06:00-09:20 PM	01/22/19-05/24/19	CLB 313	Watkins L Closed
<i>KBOR Seamless Transfer</i>						
11111	200 F2F	M-W----	01:00-04:20 PM	01/23/19-05/24/19	 OHEC 107	Schulstrom C Closed
<i>KBOR Seamless Transfer</i>						
11112	201 F2F	-T-R---	08:00-11:20 AM	01/22/19-05/24/19	 OHEC 107	Wright G Closed
<i>KBOR Seamless Transfer</i>						
11113	202 F2F	-T-R---	12:00-03:20 PM	01/22/19-05/24/19	 OHEC 107	Wright G Closed
<i>KBOR Seamless Transfer</i>						
11115	380 HYB	-----	-	01/28/19-05/24/19	Online	Baumgardner B Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-09:50 PM	02/05/19-02/05/19	SCI 103		
	-T-----	06:00-09:50 PM	02/19/19-02/19/19	SCI 103		
	-T-----	06:00-09:50 PM	03/05/19-03/05/19	SCI 103		
	-T-----	06:00-09:50 PM	03/26/19-03/26/19	SCI 103		
	-T-----	06:00-09:50 PM	04/09/19-04/09/19	SCI 103		
	-T-----	06:00-09:50 PM	04/23/19-04/23/19	SCI 103		
	-T-----	06:00-09:50 PM	05/07/19-05/07/19	SCI 103		

KBOR Seamless Transfer

Mandatory Classroom Meetings

11116	381 HYB	-----	-	01/22/19-05/24/19	Online	Baumgardner B	Closed
	Lab	-T-----		01/29/19-01/29/19	SCI 103		
	Lab	-T-----		02/12/19-02/12/19	SCI 103		
	Lab	-T-----		02/26/19-02/26/19	SCI 103		
	Lab	-T-----		03/12/19-03/12/19	SCI 103		
	Lab	-T-----		04/02/19-04/02/19	SCI 103		
	Lab	-T-----		04/16/19-04/16/19	SCI 103		
	Lab	-T-----		04/30/19-04/30/19	SCI 103		
	Lab	-T-----		05/14/19-05/14/19	SCI 103		

KBOR Seamless Transfer

Mandatory Classroom Meetings

11124	382 HYB	-----	-	01/22/19-05/24/19	Online	Rupp P	Closed
	Lab	---R---		01/24/19-01/24/19	SCI 103		
	Lab	---R---		02/07/19-02/07/19	SCI 103		
	Lab	---R---		02/21/19-02/21/19	SCI 103		
	Lab	---R---		03/07/19-03/07/19	SCI 103		
	Lab	---R---		03/28/19-03/28/19	SCI 103		
	Lab	---R---		04/11/19-04/11/19	SCI 103		
	Lab	---R---		04/25/19-04/25/19	SCI 103		
	Lab	---R---		05/09/19-05/09/19	SCI 103		

Mandatory Classroom Meetings

KBOR Seamless Transfer

11144	383 HYB	-----	-	01/22/19-05/24/19	Online	Rupp P	Closed
	Lab	---R---		01/31/19-01/31/19	SCI 103		
	Lab	---R---		02/14/19-02/14/19	SCI 103		
	Lab	---R---		02/28/19-02/28/19	SCI 103		
	Lab	---R---		03/14/19-03/14/19	SCI 103		
	Lab	---R---		04/04/19-04/04/19	SCI 103		
	Lab	---R---		04/18/19-04/18/19	SCI 103		
	Lab	---R---		05/02/19-05/02/19	SCI 103		
	Lab	---R---		05/16/19-05/16/19	SCI 103		

KBOR Seamless Transfer

Mandatory Classroom Meetings

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
11427 001 F2F	Lab -T-----	04:00-05:50 PM	01/22/19-05/24/19	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
11429 001 F2F	-T-R---	08:30-11:50 AM	01/22/19-05/24/19	CLB 407	Holcroft Benson N	Closed
<i>KBOR Seamless Transfer</i>						
11431 050 F2F	M-W----	06:00-09:20 PM	01/23/19-05/24/19	CLB 407	Holcroft Benson N	Closed
<i>KBOR Seamless Transfer</i>						
12617 051 F2F	-T-R---	06:00-09:20 PM	01/22/19-05/24/19	CLB 407	Finch D	Closed

KBOR Seamless Transfer

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.

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
11432 001 F2F	M-W----	11:00-12:15 PM	01/23/19-05/24/19	RC 370	Mozingo L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab --W----	12:30-03:20 PM	01/23/19-05/24/19	RC 345		

BIOL 225 - Human Physiology

This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 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
12519 001 F2F	M-W-F--	08:00-09:50 AM	01/23/19-05/24/19	SCI 111	Thurlby K	Closed

KBOR Seamless Transfer

Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk.

11438 004 F2F	-T-R---	08:00-10:45 AM	01/22/19-05/24/19	SCI 111	Sullivan C	Closed
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KBOR Seamless Transfer

Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk.

11439 005 F2F	-T-R---	02:00-04:45 PM	01/22/19-05/24/19	SCI 111	Sullivan C	Closed
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KBOR Seamless Transfer

Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk.

11441 050 F2F	M-W----	06:00-08:45 PM	01/23/19-05/24/19	SCI 111	DeBruin R	Closed
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KBOR Seamless Transfer

Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk.

11443 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Sullivan C	Closed
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KBOR Seamless Transfer

Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk. ** 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.

11444 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Sullivan C	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk. ** 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.						

11445	352 ONLNE	-----	-	01/22/19-05/24/19	Online	Thurlby K	Closed
<i>KBOR Seamless Transfer</i>							
Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk. ** 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.							

11446	353 ONLNE	-----	-	01/22/19-05/24/19	Online	Osterhaus G	Closed
<i>KBOR Seamless Transfer</i>							
Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk. ** 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.							

11436	380 HYB	-----	-	01/22/19-05/24/19	Online	Menon Parker J	Closed
		M-W----	12:00-01:45 PM	01/23/19-05/24/19	SCI 111		

<i>KBOR Seamless Transfer</i>							
<i>Mandatory Classroom Meetings</i>							
Can take Chemistry (CHEM 122 or CHEM 124/125) as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: This is an introduction to the dynamic functions of the human organism, from the chemical and molecular mechanisms that sustain cellular processes through the control systems responsible for homeostasis and the influence of these systems on the cellular function of organ and systems operation. Laboratory investigation using selected biochemical and physiological preparations allows correlation of theory with experimental observations. 6 hrs. integrated lecture-lab/wk. ** NOTE: This hybrid course meets F2F and 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	
11447	001 F2F	M-W----	10:00-11:50 AM	01/23/19-05/24/19	SCI 111	Salah S	Closed
11449	003 F2F	-T-R---	11:00-12:50 PM	01/22/19-05/24/19	SCI 111	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.							
11450	350 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark M	Closed
Note: Tests will be taken on campus in the Testing Center or at an approved testing site.							
11451	351 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark M	Closed
Note: Tests will be taken on campus in the Testing Center or at an approved testing site.							
11452	352 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark M	Closed
Note: Tests will be taken on campus in the Testing Center or at an approved testing site.							

CRN	Days	Time	Date	Location	Instructor	Seats Open
11453 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Osterhaus G	Closed

Note: Tests will be taken on campus in the Testing Center or at an approved testing site.

12787 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Osterhaus G	Closed
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Note: Tests will be taken on campus in the Testing Center or at an approved testing site. . . [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.]

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
11454 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	SCI 116	Cunningham J	Closed
11456 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	SCI 116	Cunningham J	Closed
11457 003 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	SCI 116	Cunningham J	Closed
11458 004 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	SCI 116	Beaty M	Closed
11459 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	SCI 116	Seitz H	Closed
11460 006 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	SCI 116	Weigand K	Closed
11463 051 F2F	-T-R---	06:00-07:15 PM	01/22/19-05/24/19	SCI 116	El Mellouki T	Closed
11464 350 ONLNE	-----	-	01/22/19-05/24/19	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.

11466 352 ONLNE	-----	-	01/22/19-05/24/19	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.

11467 353 ONLNE	-----	-	02/04/19-05/24/19	Online	Ducote M	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
11468 001 F2F	Lab M-W----	08:00-09:50 AM	01/23/19-05/24/19	SCI 113	Daggett M	Closed
11469 002 F2F	Lab M-W----	10:00-11:50 AM	01/23/19-05/24/19	SCI 113	Beaty M	Closed
11470 003 F2F	Lab M-W----	12:00-01:50 PM	01/23/19-05/24/19	SCI 113	Beaty M	Closed
11471 004 F2F	Lab -T-R--	10:00-11:50 AM	01/22/19-05/24/19	SCI 113	Cunningham J	Closed
11472 005 F2F	Lab -T-R--	12:00-01:50 PM	01/22/19-05/24/19	SCI 113	Seitz H	Closed
11473 006 F2F	Lab -T-R--	02:00-03:50 PM	01/22/19-05/24/19	SCI 113	Faulkner M	Closed
11474 007 F2F	Lab ----S-	09:00-12:50 PM	01/26/19-05/24/19	SCI 113	Faulkner M	Closed
11477 008 F2F	Lab M-W----	02:00-03:50 PM	01/23/19-05/24/19	SCI 113	Daggett M	Closed
11475 050 F2F	Lab M-W----	07:30-09:20 PM	01/23/19-05/24/19	SCI 113	Beaty M	Closed
11476 051 F2F	Lab -T-R--	07:30-09:20 PM	01/22/19-05/24/19	SCI 113	El Mellouki T	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
11254 001 F2F	-T-R--	11:00-12:20 PM	01/22/19-05/24/19	SCI 124	Able B	Closed
<i>KBOR Seamless Transfer</i>						
11255 051 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CLB 314	Shetty P	Closed
<i>KBOR Seamless Transfer</i>						
11256 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
11257 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Berry S	Closed
<i>KBOR Seamless Transfer</i>						
11258 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Shetty P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
11259 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Shetty P	Closed

KBOR Seamless Transfer

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
11260 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark M	Closed

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

Biotechnology

BIOT 260 - Biotechnology Methods

This course is an introduction to the theory and laboratory techniques in molecular biology, protein biochemistry and immunology with an emphasis on gene expression and regulation, recombinant DNA, RNA transcription, and protein translation. Laboratory emphasis will be on molecular biological techniques utilized in modern research and industrial laboratories. Techniques include growth and maintenance of E. coli, gene cloning, DNA and protein electrophoresis protein purification and enzymatic and immunology assays. Lecture and laboratory exercises on the principles and practices of initiation, cultivation, maintenance, preservation of cell culture lines and applications will also be covered. 3 hrs lecture, 6 hrs. lab/wk.

Credit Hours: 5

Prerequisites: BIOT 160 and BIOT 165 and Prerequisite or corequisite: BIOT 230 (All prerequisites require a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/biot/#BIOT_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11806 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	RC 370	Harmon M	Closed
	Lab -T-R---	12:30-03:20 PM	01/22/19-05/24/19	RC 372		

SB 155 Excel in CTE

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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11807 500 INT	-----	-	01/22/19-05/24/19		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
12146 001 F2F	-T-----	06:00-08:40 PM	01/29/19-02/19/19	GEB 353A	Tatum D	Closed
12147 002 F2F	-T-----	06:00-08:40 PM	04/09/19-05/07/19	GEB 353A	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
12148 001 F2F	M-W----	09:30-10:45 AM	01/23/19-05/22/19	GEB 351B	Leiker C	Closed
12149 002 F2F	M-----	06:00-08:50 PM	01/28/19-05/20/19	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
12150 001 F2F	M-W----	11:00-12:15 PM	01/23/19-05/22/19	GEB 351B	Leiker C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
12151 960 F2F	--W----	06:00-08:40 PM	01/30/19-05/24/19	GEB 353A	Byfield T	Closed

BOT 130 - Business Office Procedures

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12152 001 F2F	M-W----	01:00-02:15 PM	01/23/19-05/22/19	GEB 351B	Leiker C	Closed

SB 155 Excel in CTE

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
12153 001 F2F	M-----	06:00-08:50 PM	01/28/19-05/20/19	GEB 351B	Wessel C	Closed

SB 155 Excel in CTE

BOT 160 - Legal Document Preparation and Terminology

This course will prepare the student to demonstrate the preparation of legal documents and the use of legal terminology in the proper context. The course will emphasize using legal reference resources and transcribing legal documents from dictation using proper formatting rules. 3 hrs/wk.

Credit Hours: 3

Associated Costs: \$10 to \$20

Prerequisites: BOT 105 and CPCA 128 Prerequisites or Corequisite: CPCA 228

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12155 001 F2F	---R---	06:00-08:40 PM	01/24/19-05/23/19	GEB 351B	Davis M	Closed

SB 155 Excel in CTE

This course will prepare the student to demonstrate the preparation of legal documents and the use of legal terminology in the proper context. The course will emphasize using legal reference resources and transcribing legal documents from dictation using proper formatting rules. 3 hrs/wk.NOTE: CPCA 228 can be taken as a pre-requisite OR co-requisite

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
12157 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/23/19	GEB 353A	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
12234 001 F2F	-T-----	06:00-08:40 PM	01/29/19-02/19/19	GEB 258	Gerdes C	Closed
12159 002 F2F	-T-----	06:00-08:40 PM	02/26/19-04/02/19	GEB 258	Gerdes C	Closed

BOT 265 - Business Office Simulation

This capstone course is for students who will demonstrate advanced business office and technology skills, knowledge and abilities for working in a simulated office environment with their peers. Students will work in various office positions as a member of the team to manage projects, solve problems and make decisions. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/bot/#BOT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12162 001 F2F	-T-----	06:00-08:40 PM	01/29/19-05/24/19	GEB 351B	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
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12324 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12325 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Begley J	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
12326 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12327 355 ONLNE	-----	-	01/22/19-03/17/19	Online	Gallagher K	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12328 356 ONLNE	-----	-	03/25/19-05/19/19	Online	Gallagher K	Closed
<i>KBOR Seamless Transfer</i>						
<i>SB 155 Excel in CTE</i>						
12873 357 ONLNE	-----	-	03/25/19-05/19/19	Online	Haverty M	Closed
<i>SB 155 Excel in CTE</i>						
<i>KBOR Seamless Transfer</i>						
12898 358 ONLNE	-----	-	03/25/19-05/19/19	Online	Haverty M	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
12329 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 379	Horner E	Closed
<i>KBOR Seamless Transfer</i>						
12331 003 F2F	-T-R---	11:00-01:45 PM	03/25/19-05/19/19	RC 342	Begley J	Closed
<i>KBOR Seamless Transfer</i>						
12332 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
12333 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						
12338 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Noel M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
12342 353 ONLNE	-----	-	01/22/19-03/17/19	Online	Noel M	Closed
<i>KBOR Seamless Transfer</i>						
12346 354 ONLNE	-----	-	03/25/19-05/19/19	Online	Noel M	Closed
<i>KBOR Seamless Transfer</i>						
12349 355 ONLNE	-----	-	03/25/19-05/19/19	Online	Smith J	Closed
<i>KBOR Seamless Transfer</i>						
12874 356 ONLNE	-----	-	03/25/19-05/19/19	Online	Ferguson G	Closed
<i>KBOR Seamless Transfer</i>						
12899 357 ONLNE	-----	-	03/25/19-05/19/19	Online	Hussein S	Closed
<i>KBOR Seamless Transfer</i>						

BUS 140 - Principles of Supervision

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12369 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Webb F	Closed
<i>Accelerating Opportunity KS</i>						
12373 351 ONLNE	-----	-	03/25/19-05/19/19	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
12374 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 379	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
12375 002 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	OCB 248	Kolich R	Closed
<i>SB 155 Excel in CTE</i>						
12376 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12377 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
12378 352 ONLNE	-----	-	03/25/19-05/19/19	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						
12875 353 ONLNE	-----	-	03/25/19-05/19/19	Online	Webb F	Closed
<i>SB 155 Excel in CTE</i>						

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
12379 350 ONLNE	-----	-	01/22/19-05/24/19	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
12380 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 379	Anderson K	Closed
12381 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 379	Nikravan S	Closed
12382 003 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 254	Anderson K	Closed
12383 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Gaines K	Closed
12384 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Gaines K	Closed
12385 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Nikravan S	Closed

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
12386 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Hussein S	Closed
<i>SB 155 Excel in CTE</i>						
12506 376 HYB	-----	-	01/22/19-05/24/19	Online	Hussein S	Closed
	---R---	06:00-08:00 PM	01/24/19-05/24/19	OCB 246		

SB 155 Excel in CTE

This Hybrid course combines a reduced amount of scheduled classroom time with required out-of-class learning activities, typically conducted online.

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
12388 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 311	Syracuse F	Closed
12389 002 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 258	Syracuse F	Closed
12390 003 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 254	Syracuse F	Closed
12401 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Korb J	Closed
12402 351 ONLINE	-----	-	01/22/19-03/17/19	Online	Korb J	Closed
12403 352 ONLINE	-----	-	03/25/19-05/19/19	Online	Smith J	Closed
12901 353 ONLINE	-----	-	03/25/19-05/19/19	Online	Korb J	Closed

BUS 235 - Introduction to International Business

This course is designed to introduce the student to the global economy. Differences in political, economic and cultural forces within countries will be analyzed and national competitiveness assessed. Cross-border trade and investment and the global monetary system will be introduced and analyzed. Competition and a firm's international business strategy in the global marketplace will be examined. Ethical issues in international business global marketing and international human resource management practices will be examined as well. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12404 376 HYB	--W----	06:00-08:00 PM	01/30/19-05/24/19	GEB 258	Hussein S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/30/19-05/24/19	Online		

SB 155 Excel in CTE

This Hybrid course combines a reduced amount of scheduled classroom time with required out-of-class learning activities, typically conducted online.

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
12406 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 258	Ferguson G	Closed

SB 155 Excel in CTE

12407 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hussein S	Closed
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SB 155 Excel in CTE

12408 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hughey K	Closed
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SB 155 Excel in CTE

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
12267 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 254	Leek K	Closed

SB 155 Excel in CTE

12268 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 254	Leek K	Closed
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SB 155 Excel in CTE

12269 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 216	Leek K	Closed
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SB 155 Excel in CTE

12270 004 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	ATB 129	England R	Closed
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SB 155 Excel in CTE

12271 005 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	ITC 181	Bedell T	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
12272	350	ONLNE	-----	-	01/22/19-05/24/19	Online Hawk G Closed
<i>SB 155 Excel in CTE</i>						
12273	351	ONLNE	-----	-	01/22/19-05/24/19	Online Feagan C Closed
<i>SB 155 Excel in CTE</i>						
12274	352	ONLNE	-----	-	01/22/19-05/24/19	Online Feagan C Closed
<i>SB 155 Excel in CTE</i>						
12275	353	ONLNE	-----	-	01/22/19-03/17/19	Online Waldman E Closed
<i>SB 155 Excel in CTE</i>						
12838	354	ONLNE	-----	-	01/22/19-05/24/19	Online England R Closed
<i>SB 155 Excel in CTE</i>						

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
12276	001	F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	SCI 120 McEvoy L Closed
<i>SB 155 Excel in CTE</i>						
12277	350	ONLNE	-----	-	01/22/19-05/24/19	Online Pener M Closed
<i>SB 155 Excel in CTE</i>						
12278	351	ONLNE	-----	-	04/01/19-05/24/19	Online Pener M Closed
<i>SB 155 Excel in CTE</i>						
12771	352	ONLNE	-----	-	01/22/19-05/24/19	Online McEvoy L Closed
<i>SB 155 Excel in CTE</i>						

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
12540 500 INT	-----	-	01/22/19-05/24/19		Hussein S	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
10761 001 F2F	--W----	08:00-10:45 AM	01/30/19-02/24/19	RC 374	Hincks B	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.						
10765 002 F2F	--W----	12:00-02:45 PM	02/27/19-04/07/19	RC 374	Hincks B	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.						
10767 003 F2F	---R---	03:00-05:45 PM	01/24/19-02/21/19	RC 374	McAtee 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.						
10770 005 F2F	M-----	03:00-05:45 PM	01/28/19-03/03/19	RC 374	Mora E	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.						
10772 006 F2F	-T-----	08:00-10:45 AM	02/26/19-04/07/19	RC 374	Hincks B	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.						
12887 009 F2F	--W----	12:00-02:45 PM	04/10/19-05/12/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
10776 351 ONLNE	-----	-	01/22/19-02/24/19	Online	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.						
10777 352 ONLNE	-----	-	02/25/19-04/07/19	Online	Epp R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open		
<i>SB 155 Excel in CTE</i>								
In this career-related short course, students will manipulate digital photographs and images using a variety of 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.								
10779	353	ONLNE	-----	-	02/25/19-04/07/19	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 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.

10781	354	ONLNE	-----	-	04/08/19-05/12/19	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.

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		
10782	001	F2F	-T-----	06:00-08:45 PM	01/29/19-02/24/19	RC 374	McAtee R	Closed
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.								
10783	002	F2F	-T-----	08:00-10:45 AM	04/09/19-05/12/19	RC 374	Hincks B	Closed
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.								
10784	003	F2F	-T-----	12:00-02:45 PM	04/09/19-05/12/19	RC 374	Mora E	Closed
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.								
10785	004	F2F	M-----	12:00-02:45 PM	04/15/19-05/19/19	RC 374	McAtee R	Closed
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
10786 001 F2F	-T-----	08:00-10:45 AM	01/22/19-02/24/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 x2330.						
10787 002 F2F	-T-----	12:00-02:45 PM	01/22/19-02/24/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 x2330.						
10788 003 F2F	--W----	12:00-02:45 PM	01/30/19-02/24/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 x2330.						
10789 004 F2F	M-----	12:00-02:45 PM	01/28/19-03/03/19	RC 374	Hincks B	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 x2330.						
10790 351 ONLNE	-----	-	01/28/19-03/03/19	Online	Powers S	Closed
<i>SB 155 Excel in CTE</i>						
In this career-related course, students will create basic computer-generated illustrations using a variety of techniques on either the Macintosh or Windows PC computer platform. Students will draw simple paths and shapes, create layers, import graphics and add typographic elements in rows and columns with runarounds, baseline shifts and conversion to outlines. 1 hr. lecture/wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 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
10791 001 F2F	M-----	03:00-05:45 PM	03/04/19-04/14/19	RC 374	Powers S	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.

10792 351 ONLNE	-----	-	03/04/19-04/14/19	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 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.

10793 352 ONLNE	-----	-	04/15/19-05/19/19	Online	Epp R	Closed
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CDTP 160 - Desktop Publishing II: InDesign

In this career-related course, students will create intermediate-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with type styles, threads, columns, special characters, hanging indents, vertical spacing and tables as well as exploring PDF files. Students will also be able to master several aspects of working with graphic images: placing images, linking, clipping paths, libraries, grids, Bezier drawing, compound paths and reflections. Finally, students will work with advanced framing techniques to nest frames within shapes. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 140

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10794 001 F2F	-T-----	06:00-08:45 PM	02/26/19-04/07/19	RC 374	Powers S	Closed

In this career-related course, students will create intermediate-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with type styles, threads, columns, special characters, hanging indents, vertical spacing and tables as well as exploring PDF files. Students will also be able to master several aspects of working with graphic images: placing images, linking, clipping paths, libraries, grids, Bezier drawing, compound paths and reflections. Finally, students will work with advanced framing techniques to nest frames within shapes. 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
10796 002 F2F	M-----	12:00-02:45 PM	03/04/19-04/14/19	RC 374	Hincks B	Closed

SB 155 Excel in CTE

In this career-related course, students will create intermediate-level computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will trace an object, create complex gradients with custom blends, create complex objects receding toward a vanishing point, and create an orthogonal projection to simulate depth. 1 hr. lecture /wk. To additionally enroll in the intermediate and advanced level(s) within the sequence of courses this semester, please call the Registrars office at 913-469-8500 x2330.

CDTP 168 - Desktop Publishing III: InDesign

In this career-related course, students will create advanced-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with advanced color specifications, transparency blending modes, long document organization, and brochure layout production art. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisite: CDTP 160

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_168)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10797 001 F2F	-T-----	06:00-08:45 PM	04/09/19-05/12/19	RC 374	Mora E	Closed

In this career-related course, students will create advanced-level page layout documents using a variety of techniques on either the Macintosh or PC computer platform. Students will learn how to work with advanced color specifications, transparency blending modes, long document organization, and brochure layout production art. 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
10798 351 ONLINE	-----	-	04/15/19-05/19/19	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.

CDTP 185 - Desktop Illustration III: Illustrator

In this career-related course, students will create advanced computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will create charts, autotrace scanned images, fill objects with various pen-and-ink filter effects and create an image map for the Web. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$15 to 90

Prerequisite: CDTP 165

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10799 001 F2F	M-----	12:00-02:45 PM	04/15/19-05/19/19	RC 374	Hincks B	Closed

SB 155 Excel in CTE

In this career-related course, students will create advanced computer-generated illustrations using a variety of techniques on either the Macintosh or PC computer platform. Students will create charts, autotrace scanned images, fill objects with various pen-and-ink filter effects and create an image map for the Web. 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
11733 001 F2F	-T-R---	01:00-03:30 PM	01/22/19-03/14/19	ITC 187	Eberle D	Closed

SB 155 Excel in CTE

Accelerating Opportunity KS

CET 123 - Building Codes

This course examines the organization, intent and use of building codes in general and the International Building Code in particular. Students will cover the reasons codes exist and how they form an integral part of the design criteria for every building project. Additional topics include building types, fire protection, accessibility, roofs, foundations, and interiors/exteriors. This course is offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11734 001 F2F	-T-----	04:00-06:40 PM	01/22/19-05/24/19	ITC 187	Eberle D	Closed

SB 155 Excel in CTE

12789 002 F2F	-T-----	07:00-09:20 PM	01/29/19-05/24/19	ITC 187	Eberle D	Closed
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SB 155 Excel in CTE

CET 129 - Construction Management

This course is intended for students interested in learning management principles for construction projects. Upon successful completion of this course, the student should be able to perform many processes associated with construction projects and complete forms typically used in project management. Topics include contract documents, scheduling, job costs and management issues. Project management software will be used to schedule and track project resources and progress. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11735 001 F2F	M-W----	10:00-12:20 PM	03/25/19-05/15/19	ITC 187	Dye R	Closed
	Lab -----	-	03/25/19-05/15/19	Online		

SB 155 Excel in CTE
Accelerating Opportunity KS

CET 140 - Civil Engineering Materials

Upon successful completion of this course, the student will be able to analyze materials commonly used in civil engineering construction projects. Common properties of soil, concrete and asphalt will be studied for classification as engineering materials. Students will learn to perform typical materials tests in accordance with ASTM guidelines. This course is typically offered in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite or corequisite: MATH 116 or higher

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11737 001 F2F	M-----	05:30-08:15 PM	01/22/19-05/24/19	ITC 187	Dye R	Closed
	Lab --W----	05:30-07:15 PM	01/24/19-05/24/19	ITC 187		

SB 155 Excel in CTE

Upon successful completion of this course, the student will be able to analyze materials commonly used in civil engineering construction projects. Common properties of soil, concrete and asphalt will be studied for classification as engineering materials. Students will learn to perform typical materials tests in accordance with ASTM guidelines. This course is typically offered in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk. NOTE: Pre-requisite OR Co-requisite: MATH 116 or higher

CET 225 - Construction Documents

This course covers general documents used before, during, and after construction. Topics include document submittals, procurement, bidding, negotiating, and addenda. Modifications, claims, disputes, and payment are also addressed. This course is offered in the spring semester. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: CET 125

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11739 002 F2F	M-W----	01:00-02:50 PM	01/23/19-03/13/19	ITC 187	Dye R	Closed

SB 155 Excel in CTE

CET 227 - Construction Cost Estimating

This course adds to the student's knowledge of the construction process by covering the principles of construction estimating. Topics include estimating quantities of material using reference books, tables and the Construction Specifications Institute (C.S.I.) format and preparing estimating reports. Students will use industry-standard software for construction estimating. The student needs a basic knowledge of spreadsheet software to be successful in this course. 2 hrs. lecture & 3 hrs lab/wk.

Credit Hours: 3

Prerequisites: CET 105 and CET 125 or department approval and Prerequisite or corequisite: DRAF 129 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11740 001 F2F	--W----	03:00-05:20 PM	01/30/19-05/24/19	ITC 187	Dye R	Closed
	Lab -----	-	01/30/19-05/24/19			

Accelerating Opportunity KS

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11742 500 INT	-----	-	01/22/19-05/24/19		Eberle D	5 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11743 380 HYB	-----	-	02/18/19-05/24/19	Online	Clark M	Closed
	--W----	02:00-04:30 PM	02/20/19-05/24/19	SCI 114		

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11744 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark M	Closed
	Lab -----	-	01/22/19-05/24/19	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
11745 001 F2F	MTWR---	08:00-08:50 AM	01/22/19-05/24/19	SCI 218	Elisabeth E	Closed
	Lab ----F--	08:00-10:50 AM	01/25/19-05/24/19	SCI 215		
11746 002 F2F	--W-F--	09:00-10:50 AM	01/23/19-05/24/19	SCI 216	Cannell K	Closed
	Lab M-----	09:00-11:50 AM	01/28/19-05/24/19	SCI 215		
11747 003 F2F	--W-F--	10:00-11:50 AM	01/23/19-05/24/19	SCI 218	Sayegh J	Closed
	Lab M-----	10:00-12:50 PM	01/28/19-05/24/19	SCI 213		
11749 005 F2F	MTWR---	11:00-11:50 AM	01/22/19-05/24/19	SCI 216	Elisabeth E	Closed
	Lab ----F--	11:00-01:50 PM	01/25/19-05/24/19	SCI 215		
11750 006 F2F	--W-F--	12:00-01:50 PM	01/23/19-05/24/19	SCI 216	Cannell K	Closed
	Lab M-----	12:00-02:50 PM	01/28/19-05/24/19	SCI 215		
11751 007 F2F	M-W----	12:00-01:50 PM	01/23/19-05/24/19	SCI 218	Harvey M	Closed
	Lab ----F--	12:00-02:50 PM	01/25/19-05/24/19	SCI 213		
11752 008 F2F	-T-----	08:00-08:50 AM	01/22/19-05/24/19	SCI 216	Clark M	Closed
	Lab -T-----	09:00-11:50 AM	01/22/19-05/24/19	SCI 215		
	---R---	08:00-10:50 AM	01/24/19-05/24/19	SCI 216		
11753 009 F2F	-T-R---	10:00-11:50 AM	01/22/19-05/24/19	SCI 218	Herron B	Closed
	Lab --W----	10:00-12:50 PM	01/23/19-05/24/19	SCI 215		

CRN	Days	Time	Date	Location	Instructor	Seats Open
11754 010 F2F	-T-R---	01:00-02:50 PM	01/22/19-05/24/19	SCI 218	Herron B	Closed
	Lab --W----	01:00-03:50 PM	01/23/19-05/24/19	SCI 215		
11755 050 F2F	--W----	06:00-06:50 PM	01/23/19-05/24/19	SCI 216	Herron B	Closed
	Lab --W----	07:00-09:50 PM	01/23/19-05/24/19	SCI 215		
	M-----	06:00-08:50 PM	01/28/19-05/24/19	SCI 216		
11756 051 F2F	-T-----	06:00-08:50 PM	01/22/19-05/24/19	SCI 216	Clark M Scholtz S	Closed
	---R---	06:00-06:50 PM	01/24/19-05/24/19	SCI 216		
	Lab ---R---	07:00-09:50 PM	01/24/19-05/24/19	SCI 215		
11757 380 HYB	-----	-	01/22/19-05/24/19	Online	Clark M	Closed
	Lab ---R---	11:00-01:50 PM	01/24/19-05/24/19	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.

11758 381 HYB	-----	-	01/28/19-05/24/19	Online	Elisabeth E	Closed
	Lab -T-----	06:00-08:50 PM	01/29/19-05/24/19	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.

11759 382 HYB	-----	-	01/22/19-05/24/19	Online	Cannell K	Closed
	Lab M-----	05:30-08:20 PM	01/28/19-05/24/19	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
11760 001 F2F	MTWRF--	08:00-08:50 AM	01/22/19-05/24/19	SCI 114	Watson C	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 11772)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11772)</i>						
Note: Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
11761 002 F2F	MTWRF--	09:00-09:50 AM	01/22/19-05/24/19	SCI 114	Jacobsen F	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 125 (CRN 11773)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** 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.						
11762 003 F2F	MTWRF--	10:00-10:50 AM	01/22/19-05/24/19	SCI 114	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 11774)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11774)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** 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.						
11763 004 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	SCI 114	Boutte J	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 11775)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11775)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
11764 005 F2F	MTWRF--	12:00-12:50 PM	01/22/19-05/24/19	SCI 114	Egan G	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 11776)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11776)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
11765 006 F2F	MTWRF--	01:00-01:50 PM	01/22/19-05/24/19	SCI 114	Egan G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 125 (CRN 11777)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
11766 007 F2F	M-W-F--	11:00-12:20 PM	01/23/19-05/24/19	SCI 124	Glass A	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 125 (CRN 11778)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** 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.						
11767 008 F2F	M-W-F--	01:00-02:20 PM	01/23/19-05/24/19	SCI 124	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 11779)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11779)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** 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.						
11768 050 F2F	--W----	06:00-06:50 PM	01/23/19-05/24/19	SCI 114	Khvostenko D	Closed
	M-----	06:00-09:50 PM	01/28/19-05/24/19	SCI 114		
<i>Co-requisite to enroll in CHEM 125 (CRN 11780)</i>						
<i>KBOR Seamless Transfer CHEM 125 (CRN 11780)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						
11769 051 F2F	-T-----	06:00-06:50 PM	01/22/19-05/24/19	SCI 114	Weems J	Closed
	---R---	06:00-09:50 PM	01/24/19-05/24/19	SCI 114		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 125 (CRN 11781)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk.						

11770	380 HYB	-----	-	01/22/19-05/24/19	Online	Jacobsen F	Closed
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KBOR Seamless Transfer

Co-requisite to enroll in CHEM 125 (CRN 11782)

Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** NOTE: The lecture tests and the final exam are taken at the JCCC Testing Center or an approved test site.

11771	381 HYB	-----	-	01/22/19-05/24/19	Online	Glass A	Closed
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Co-requisite to enroll in CHEM 125 (CRN 11783)

KBOR Seamless Transfer CHEM 125 (CRN 11783)

Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: Students will relate atomic structure to chemical systems, calculate the amount of material used in chemical reactions, use the periodic table as an aid to understanding chemical systems and interpret chemical reactions. 5 hrs. lecture/wk. ** 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	
11772	001 F2F	Lab M-----	11:00-01:50 PM	01/28/19-05/24/19	SCI 211	Britt S	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 11760)</i>							
<i>KBOR Seamless Transfer CHEM 124 (CRN 11760)</i>							
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.							
11773	002 F2F	Lab --W----	11:00-01:50 PM	01/30/19-05/24/19	SCI 211	Britt S	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 11761)</i>							
<i>KBOR Seamless Transfer CHEM 124 (CRN 11761)</i>							
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.							
11774	003 F2F	Lab ---R---	11:00-01:50 PM	01/24/19-05/24/19	SCI 211	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 11762)</i>							
<i>KBOR Seamless Transfer CHEM 124 (CRN 11762)</i>							
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.							
11775	004 F2F	Lab ---R---	08:00-10:50 AM	01/24/19-05/24/19	SCI 211	Boutte J	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 11763)</i>							
<i>KBOR Seamless Transfer CHEM 124 (CRN 11763)</i>							
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.							
11776	005 F2F	Lab ---R---	02:00-04:50 PM	01/24/19-05/24/19	SCI 211	Britt S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11764)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11777	006 F2F	Lab --W----	02:00-04:50 PM	01/30/19-05/24/19	SCI 211 Egan G	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11765)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11778	007 F2F	Lab -T-----	11:00-01:50 PM	01/22/19-05/24/19	SCI 211 Britt S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11766)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11779	008 F2F	Lab -T-----	02:00-04:50 PM	01/22/19-05/24/19	SCI 211 Glass A	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11767)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11780	050 F2F	Lab --W----	07:00-09:50 PM	01/30/19-05/24/19	SCI 211 Khvostenko D	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 11768)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 11768)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11781	051 F2F	Lab -T-----	07:00-09:50 PM	01/29/19-05/24/19	SCI 211 Weems J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11769)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11782	052 F2F	Lab ---R---	06:00-08:50 PM	01/24/19-05/24/19	SCI 211 Jacobsen F	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 124 (CRN 11770)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						
11783	053 F2F	Lab -----S-	09:00-03:00 PM	01/26/19-01/26/19	SCI 211 Glass A	Closed
		Lab -----S-	09:00-03:00 PM	02/09/19-02/09/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	02/23/19-02/23/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	03/09/19-03/09/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	03/30/19-03/30/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	04/13/19-04/13/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	04/27/19-04/27/19	SCI 211	
		Lab -----S-	09:00-03:00 PM	05/11/19-05/11/19	SCI 211	
<i>Co-requisite to enroll in CHEM 124 (CRN 11771)</i>						
<i>KBOR Seamless Transfer CHEM 124 (CRN 11771)</i>						
Can take MATH 171 as a Prerequisite OR Corequisite. COURSE DESCRIPTION: Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture (CHEM 124) will be carried out. 3 hrs. lab/wk.						

CHEM 131 - General Chemistry II Lecture

Chemistry 131 is the second semester of a two-semester course in general chemistry in which the student will develop a working knowledge of some of the fundamental concepts and quantitative relationships involved in the study of chemical reactivity. Topics include solutions, chemical kinetics, chemical equilibrium, acid-base chemistry, chemical thermodynamics, electrochemistry, and nuclear chemistry. 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
11784 001 F2F	MTWR---	08:00-08:50 AM	01/22/19-05/24/19	GEB 217	Lehman W	Closed
<i>KBOR Seamless Transfer</i> Co-requisite to enroll in CHEM 132 (CRN 11791)						
11785 002 F2F	MTWR---	09:00-09:50 AM	01/22/19-05/24/19	GEB 217	Lehman W	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 11792)</i> <i>KBOR Seamless Transfer CHEM 132 (CRN 11792)</i>						
11786 003 F2F	MTWR---	10:00-10:50 AM	01/22/19-05/24/19	GEB 217	Slavin L	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 11793)</i> <i>KBOR Seamless Transfer CHEM 132 (CRN 11793)</i>						
11787 004 F2F	MTWR---	11:00-11:50 AM	01/22/19-05/24/19	GEB 217	Franklin P	Closed
<i>KBOR Seamless Transfer</i> Co-requisite to enroll in CHEM 132 (CRN 11794)						
11788 005 F2F	MTWR---	01:00-01:50 PM	01/22/19-05/24/19	GEB 217	Franklin P	Closed
<i>KBOR Seamless Transfer</i> Co-requisite to enroll in CHEM 132 (CRN 11795)						
11789 050 F2F	-T-----	06:00-08:50 PM	01/22/19-05/24/19	GEB 217	Ogdon F	Closed
	---R---	06:00-06:50 PM	01/24/19-05/24/19	GEB 217		
<i>Co-requisite to enroll in CHEM 132 (CRN 11796)</i> <i>KBOR Seamless Transfer CHEM 132 (CRN 11796)</i>						
11790 380 HYB	-----	-	01/22/19-05/24/19	Online	Franklin P	Closed
<i>KBOR Seamless Transfer</i> Co-requisite to enroll in CHEM 132 (CRN 11797)						
Note: The corresponding lab will meet on campus. The lecture tests and the final are taken in the JCCC Testing Center.						

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
11791 001 F2F	Lab --W----	11:00-01:50 PM	01/30/19-05/24/19	SCI 213	Lehman W	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 11784)</i>						
11792 002 F2F	Lab ---R---	02:00-04:50 PM	01/24/19-05/24/19	SCI 213	Lehman W	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 11785)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 11785)</i>						
11793 003 F2F	Lab -T-----	11:00-01:50 PM	01/22/19-05/24/19	SCI 213	Slavin L	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 11786)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 11786)</i>						
11794 004 F2F	Lab -T-----	02:00-04:50 PM	01/22/19-05/24/19	SCI 213	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 11787)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 11787)</i>						
11795 005 F2F	Lab --W----	02:00-04:50 PM	01/30/19-05/24/19	SCI 213	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 11788)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 11788)</i>						
11796 050 F2F	Lab ---R---	07:00-09:50 PM	01/24/19-05/24/19	SCI 213	Ogdon F	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 11789)</i>						
<i>KBOR Seamless Transfer CHEM 131 (CRN 11789)</i>						
11797 051 F2F	Lab --W----	05:30-08:20 PM	01/30/19-05/24/19	SCI 213	Franklin P	Closed
<i>KBOR Seamless Transfer</i>						
<i>Co-requisite to enroll in CHEM 131 (CRN 11790)</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
11798 380 HYB	-----	-	01/22/19-05/24/19	Online	Harvey M	Closed
	Lab ----F--	09:00-11:50 AM	01/25/19-05/24/19	CLB 307		

Mandatory Classroom Meetings

Note: On-campus labs have required attendance. The remaining hours of lecture for this section will be online. Tests may be in the JCCC testing center. Students should contact the instructor one week prior to classes beginning.

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
11799 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	SCI 124	Watson C	Closed
	Lab M-W----	10:00-12:50 PM	01/23/19-05/24/19	CLB 307		
11800 050 F2F	M-W----	05:30-06:45 PM	01/23/19-05/24/19	SCI 124	Egan G	Closed
	Lab M-W----	07:00-09:50 PM	01/23/19-05/24/19	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
11801 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	SCI 124	Watson C	Closed
	Lab -T-R---	11:00-01:50 PM	01/22/19-05/24/19	CLB 307		
11802 050 F2F	-T-R---	05:30-06:45 PM	01/22/19-05/24/19	SCI 124	Weldele M	Closed
	Lab -T-R---	07:00-09:50 PM	01/22/19-05/24/19	CLB 307		

CHEM 250 - Biochemistry

This course is an introduction to the major topics in biochemistry. Topics include the major classes of biological molecules, such as proteins, lipids and nucleic acid; an overview of the major metabolic pathways; and developments and topics relating to molecular biology. 4 hrs. lecture/wk.

Credit Hours: 4

Prerequisites: CHEM 131 and CHEM 132 and CHEM 140 or CHEM 220

Outline (http://catalog.jccc.edu/coursedescriptions/chem/#CHEM_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11803 001 F2F	-T-R---	11:00-12:50 PM	01/22/19-05/24/19	SCI 122	Lehman W	Closed

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
12034 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
12035 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
12036 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Short C	Closed
<i>KBOR Seamless Transfer</i>						
12037 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Pihl C	Closed
<i>KBOR Seamless Transfer</i>						
12038 376 HYB	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 344	Short C	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
12039 377 HYB	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	RC 344	Short C	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
12040 378 HYB	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 353	Pihl C	Closed
	-----	-	01/24/19-05/24/19	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
12041 376 HYB	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 347	Kline P	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12042 377 HYB	M-W----	11:30-12:45 PM	01/23/19-05/24/19	RC 361	Kitchin D	Closed
	-----	-	01/23/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12043 378 HYB	-T----	06:00-08:45 PM	01/29/19-05/24/19	RC 380	Bellamy R	Closed
	-----	-	01/29/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12044 379 HYB	M-W----	08:30-09:45 AM	01/23/19-05/24/19	RC 380	Kitchin D	Closed
	-----	-	01/23/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12045 380 HYB	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 380	Horner D	Closed
	-----	-	01/24/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</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
12049 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Leftwich M	Closed
12050 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Marrs D	Closed
12051 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Marrs D	Closed
12052 376 HYB	--W----	06:00-08:50 PM	01/30/19-05/24/19	RC 361	Rao A	Closed
	-----	-	01/30/19-05/24/19	Online		

Mandatory Classroom Meetings

CIS 204 - UNIX Scripting and Utilities

This course will cover the concepts and principles related to scripting for the multiuser, multitasking UNIX operating system and its utilities. Students will complete projects in UNIX ranging from using simple commands to writing shell scripts automating repetitive tasks. 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
12053 001 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	RC 344	Owens B	Closed
<i>SB 155 Excel in CTE</i>						
12054 002 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 344	Owens B	Closed
<i>SB 155 Excel in CTE</i>						
12055 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						
12056 376 HYB	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	RC 361	Short C	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

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
12057 376 HYB	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	RC 361	Leftwich M	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12058 377 HYB	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 361	Chlopecki S	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

CIS 260 - Database Management

At the completion of this course, students should be able to understand the characteristics and objectives of database management systems (DBMS). Topics include database environments, data modeling using the entity-relational model, normalization, logical and physical design, the Structured Query Language (SQL), data quality, database administration and related topics. Students will use a relational DBMS, employ associated tools and write programs to manipulate tables. 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
12059 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 361	Leftwich M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
12060 002 F2F	M-W----	12:30-01:45 PM	01/23/19-05/24/19	RC 380	Leftwich M	Closed
<i>SB 155 Excel in CTE</i>						
12061 003 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	RC 380	Baburajan R	Closed
<i>SB 155 Excel in CTE</i>						

CIS 264 - Application Development and Programming

This course helps students develop a significant software project while combining previously learned software development skills with contemporary technologies. Students should work within a team to communicate, plan and implement a software application. Proper interviewing and job searching techniques are also explored. 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
12062 001 F2F	M-W----	04:30-05:45 PM	01/23/19-05/24/19	RC 344	Smith S	Closed
<i>SB 155 Excel in CTE</i>						

CIS 270 - Information Systems Internship

Students will work in an approved training situation under instructional supervision. The internship is designed to give students the opportunity to use skills learned in computer science and information systems courses. Fifteen hours on-the-job training per week will be the usual workload for the student. To be eligible, students must have recently completed a course in the department.

Credit Hours: 3

Prerequisites: Department approval and any of the following courses: CS 235 or CS 236 or CS 250 or CS 255 or CIS 240

Outline (http://catalog.jccc.edu/coursedescriptions/cis/#CIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12063 500 INT	-----	-	01/22/19-05/24/19		Van Gorp M	7 of 8
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						

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
12064 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 347	Smith S	Closed

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

Cosmetology - Esthetics

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
12508 204 F2F	MT-----	08:00-05:00 PM	01/22/19-02/12/19	 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
12509 205 F2F	--WR---	08:00-05:00 PM	01/23/19-02/14/19	 WPK 131	Goebel M Dye K Geer K Hinojosa M Rosauer J Henderson D	Closed
	----F--	08:00-04:30 PM	01/25/19-02/15/19	 WPK 131		

SB 155 Excel in CTE

CO 106 - Advanced Esthetics



This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, body treatments, advanced therapies, preparation for state examinations, business practices and state law. This class meets 104 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

Credit Hours: 7

Associated Costs: \$50-\$100

Prerequisites: CO 104 with a grade of "C" or higher and CO 105 with a grade of "C" or higher Corequisite: CO 107

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12510 206 F2F	MT-----	08:00-05:00 PM	02/18/19-04/09/19	 WPK 180	Dye K Geer K Rosauer J	Closed
<i>SB 155 Excel in CTE</i>						
12512 208 F2F	MT-----	05:30-09:30 PM	01/22/19-04/30/19	 WPK 180	Dye K Geer K Rosauer J	Closed

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

SB 155 Excel in CTE





CO 107 - Advanced 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, and preparation for state examinations, business practices and state law. This class meets 148 of the 1,000 contact hours required by the Kansas State Board of Cosmetology.

Credit Hours: 3

Prerequisites: CO 104 with a grade of "C" or higher and CO 105 with a grade of "C" or higher Corequisite: CO 106

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12511 207 F2F	--WR---	08:00-05:00 PM	02/20/19-04/11/19	 WPK 131	Goebel M Dye K Geer K Hinojosa M Rosauer J	Closed
	----F--	08:00-04:30 PM	02/22/19-04/12/19	 WPK 131		
<i>SB 155 Excel in CTE</i>						
12513 209 F2F	--WR---	05:30-09:30 PM	01/23/19-05/02/19	 WPK 131	Goebel M Dye K Geer K Rosauer J Henderson D	Closed
	----S-	09:00-01:00 PM	01/26/19-05/04/19	 WPK 131		

This section's title is **Advanced Esthetics Clinical PT.**

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12514 210 F2F	MTWR---	08:00-05:00 PM	01/22/19-04/11/19	🚗 WPK 133	Goebel M Geer K Hinojosa M Henderson D	Closed
	----F--	08:00-04:30 PM	01/25/19-04/12/19	🚗 WPK 133		

SB 155 Excel in CTE

CO 111 - Cosmetology II

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

Credit Hours: 7

Associated Costs: \$50-\$100

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12515 211 F2F	MTWR---	08:00-05:00 PM	04/15/19-05/30/19	🚗 WPK 133	Goebel M Geer K Hinojosa M Rosauer J Henderson D	Closed
	----F--	08:00-04:30 PM	04/19/19-05/31/19	🚗 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 \(http://catalog.jccc.edu/coursedescriptions/co/#CO_112\)](http://catalog.jccc.edu/coursedescriptions/co/#CO_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12516 212 F2F	-TW----	08:00-05:00 PM	01/22/19-04/03/19	🚗 WPK 101	Goebel M Geer K Hinojosa M Henderson D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	08:00-05:00 PM	01/22/19-04/01/19	🚗 WPK 177		
	---R---	11:00-08:00 PM	01/24/19-04/04/19	🚗 WPK 101		
	----F--	08:00-04:30 PM	01/25/19-04/05/19	🚗 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
12517 213 F2F	M-----	08:00-05:00 PM	04/08/19-05/27/19	🚗 WPK 177	Goebel M Geer K Hinojosa M Rosauer J Henderson D	Closed
	-TW----	08:00-05:00 PM	04/09/19-05/29/19	🚗 WPK 101		
	---R---	11:00-08:00 PM	04/11/19-05/30/19	🚗 WPK 101		
	----F--	08:00-04:30 PM	04/12/19-05/31/19	🚗 WPK 101		

SB 155 Excel in CTE

CO 212 - Cosmetology Instructor Training

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

Credit Hours: 9

Prerequisites: Current Kansas Cosmetology, Esthetics or Nail Technology License and a minimum of one year of verified practice in trained area and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12518 222 F2F	M-----	08:00-12:00 PM	01/28/19-05/19/19	🚗 WPK 129	Dye K	Closed

College Success

COLL 135 - Career and Life Planning

This course helps students make decisions about their college majors, careers and other life goals. It emphasizes career research as a tool for making current career decisions and meeting changes in the future workplace. Students learn a systematic approach for making career and life decisions based on their personalities, interests, skills, and values. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10207 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	ATB 134	Sherk G	Closed
LIB 307 is in the Writing Center, which can be accessed through LIB 308.						
10208 002 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 332	Sherk G	Closed
10209 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/23/19	GEB 281	Gray J	Closed
10210 004 F2F	-T-R---	12:30-01:55 PM	02/12/19-05/24/19	CLB 403	Filley D	Closed
12550 007 F2F	-T-R---	11:00-12:20 PM	02/12/19-05/24/19	GEB 361	Filley D	Closed
12856 008 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	CC 338	Chapkin L	Closed
10214 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Garcia J	Closed
10215 351 ONLNE	-----	-	02/11/19-05/24/19	Online	Garcia J	Closed
10217 352 ONLNE	-----	-	03/04/19-05/24/19	Online	Doyle M	Closed
12878 353 ONLNE	-----	-	03/04/19-05/24/19	Online	Doyle M	Closed

COLL 150 - Job Search Skills

This class presents the skills students need to conduct an effective job search, including locating job leads, writing resumés, employment interviewing and job correspondence. Additionally, students will explore the importance of adapting to changes in the workplace to ensure their job survival and success. The class consists of lectures, activities, discussion and exercises in the career planning and job search process. 1 hr. lecture/wk.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12458 003 F2F	M-----	01:00-04:00 PM	03/04/19-03/04/19	CC 318	Storme S Prather P	Closed
	M-----	01:00-04:00 PM	04/01/19-04/01/19	CC 229		
	M-----	01:00-04:00 PM	04/22/19-04/22/19	CC 229		
	----F--	09:00-04:00 PM	05/10/19-05/10/19	CC 321		
10220 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Quinn L	Closed

COLL 174 - Learning Strategies for Math

This course teaches thinking and study skills specifically geared toward the learning of math. Students practice these skills on their math textbooks and homework assignments as well as in their math class discussions and lectures. This course also addresses feelings and attitudes that may block math learning and offers strategies and techniques designed to overcome these feelings. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. 1 hr. lecture/wk.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10221 001 F2F	M-W-F--	09:00-09:50 AM	02/04/19-03/15/19	LIB 305	Kempker K	Closed
10222 002 F2F	M-W-F--	10:00-10:50 AM	02/04/19-03/15/19	LIB 305	Kempker K	Closed
10223 003 F2F	M-W-F--	01:00-01:50 PM	02/04/19-03/15/19	LIB 305	Voss-Schoonover L	Closed
10224 004 F2F	M-W----	04:00-05:15 PM	02/04/19-03/13/19	LIB 303	Thomas M	Closed
10225 005 F2F	-T-R---	11:00-12:15 PM	02/05/19-03/14/19	LIB 303	Kanter F	Closed
10227 007 F2F	-T-R---	12:30-01:45 PM	03/26/19-05/02/19	LIB 305	Dennis C	Closed
10228 008 F2F	-T-----	06:00-08:50 PM	03/26/19-04/30/19	LIB 303	Thomas M	Closed
10229 350 ONLNE	-----	-	01/22/19-03/10/19	Online	Putnam T	Closed
10230 351 ONLNE	-----	-	02/04/19-03/17/19	Online	Putnam T	Closed
10231 352 ONLNE	-----	-	03/25/19-05/05/19	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
10239 001 F2F	M-W-F--	09:00-09:50 AM	02/04/19-03/15/19	CC 229	Lassiter A	Closed
10241 002 F2F	M-W-F--	11:00-11:50 AM	02/04/19-03/15/19	LIB 305	Lassiter A	Closed
10243 003 F2F	M-W----	04:00-05:15 PM	02/04/19-03/13/19	CC 312	Woodward S	Closed
10254 005 F2F	-T-R---	09:30-10:45 AM	02/05/19-03/14/19	LIB 303	Dennis C	Closed
10256 007 F2F	-T-----	06:00-08:50 PM	03/26/19-04/30/19	LIB 305	Foat C	Closed
10257 008 F2F	M-W-F--	10:00-10:50 AM	03/25/19-05/03/19	LIB 305	Lassiter A	Closed
10258 009 F2F	-T-R---	11:00-12:15 PM	03/26/19-05/02/19	LIB 303	Kanter F	Closed
10259 010 F2F	-T-R---	03:30-04:45 PM	03/26/19-05/02/19	CC 331	Woodward S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10260 350 ONLNE	-----	-	02/04/19-03/17/19	Online	Doyle M	Closed
10261 351 ONLNE	-----	-	03/25/19-05/05/19	Online	Putnam T	Closed
12774 352 ONLNE	-----	-	01/22/19-03/17/19	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
10262 001 F2F	M-W-F--	10:00-10:50 AM	02/04/19-03/15/19	OCB 102	Doyle M	Closed
10263 002 F2F	M-W----	12:00-01:15 PM	02/04/19-03/13/19	LIB 303	Ackelson M	Closed
10267 005 F2F	M-W-F--	11:00-11:50 AM	03/25/19-05/03/19	GP 102	Lassiter A	Closed
10269 350 ONLNE	-----	-	02/04/19-03/17/19	Online	Massman H	Closed
10271 351 ONLNE	-----	-	03/25/19-05/05/19	Online	Massman H	Closed

COLL 186 - Exam Strategies

This course offers students an opportunity to explore their own learning styles and to develop appropriate strategies for improving test performance through improved learning procedures. Emphasis will be on practical application of the learned strategies to courses in which the students are concurrently enrolled. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/coll/#COLL_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10272 001 F2F	M-W-F--	11:00-11:50 AM	02/04/19-03/15/19	GP 102	Massman H	Closed

COLL 200 - College Success Strategies

This course provides students with opportunities to develop skills and habits that will help them establish and maintain effective learning systems. Students first learn and practice the learning methods in class and then apply these methods to appropriate situations in their other college coursework. The methods, which are based on valid learning and thinking principles, will help students meet the higher-level demands of the subjects encountered in college courses. College Success courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10279 001 F2F	M-W-F--	09:00-09:50 AM	01/28/19-05/24/19	GEB 340	Doyle M	Closed
10280 002 F2F	M-W-F--	11:00-11:55 AM	02/04/19-05/24/19	LIB 353B	Doyle M	Closed
10281 003 F2F	-T-R---	09:30-10:55 AM	02/12/19-05/23/19	LIB 305	Johnson G	Closed
10282 004 F2F	-T-R---	03:00-04:45 PM	02/19/19-05/23/19	LIB 305	Ellis R	Closed
10285 005 F2F	M-W-F--	10:00-10:50 AM	01/28/19-05/24/19	LIB 303	Massman H	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.						
10290 010 F2F	MTWR---	02:00-02:55 PM	01/28/19-04/25/19	LIB 305	Ackelson M	Closed
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.						
12565 011 F2F	-T-R---	11:00-12:15 PM	01/29/19-05/24/19	LIB 305	Johnson G	Closed
10283 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Mann V	Closed
10284 351 ONLNE	-----	-	02/11/19-05/24/19	Online	Massman H	Closed
12527 352 ONLNE	-----	-	03/25/19-05/24/19	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
10933 350 ONLNE	-----	-	01/22/19-02/19/19	Online	Mahring B	Closed
10934 351 ONLNE	-----	-	01/22/19-02/19/19	Online	Mahring B	Closed
10935 352 ONLNE	-----	-	01/29/19-02/26/19	Online	Mahring B	Closed
10936 353 ONLNE	-----	-	02/26/19-04/02/19	Online	Mahring B	Closed
10937 354 ONLNE	-----	-	02/26/19-04/02/19	Online	Mahring B	Closed
10938 355 ONLNE	-----	-	04/09/19-05/07/19	Online	Mahring B	Closed
10939 376 HYB	-T-----	06:00-08:45 PM	01/29/19-02/19/19	RC 355	Mahring B	Closed
	-----	-	01/29/19-02/19/19	Online		

Mandatory Classroom Meetings

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
10940 350 ONLINE	-----	-	02/26/19-04/02/19	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
10941 350 ONLINE	-----	-	02/26/19-04/02/19	Online	Mahring B	Closed

Microsoft Word 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 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
10943 350 ONLINE	-----	-	02/26/19-04/02/19	Online	Mahring B	Closed

CPCA 110 - Spreadsheets I: MS Excel

Upon successful completion of this course, students will demonstrate proficiency with spreadsheet software on the personal computer. Business decision-making worksheet models will be created and modified by entering labels, functions and formulas. Various formatting techniques will be applied to enhance the appearance of printed worksheets. Students will also learn to display the worksheet data graphically with the charting capabilities of the software. 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
10944 350 ONLNE	-----	-	02/28/19-04/04/19	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.						
10945 351 ONLNE	-----	-	02/28/19-04/04/19	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.						
10946 352 ONLNE	-----	-	04/11/19-05/09/19	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.						
10947 376 HYB	-T-----	06:00-08:45 PM	02/26/19-04/02/19	RC 353	Hultgren S	Closed
	-----	-	02/26/19-04/02/19	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
10948 350 ONLNE	-----	-	04/11/19-05/09/19	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.						
10950 351 ONLNE	-----	-	04/11/19-05/09/19	Online	Smith C	Closed
<i>Mandatory Classroom Meetings</i>						
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.						
10949 376 HYB	-T-----	06:00-08:45 PM	04/09/19-05/07/19	RC 353	Hultgren S	Closed
	-----	-	04/09/19-05/07/19	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
12609 350 ONLINE	-----	-	01/31/19-02/28/19	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.

12610 351 ONLINE	-----	-	03/07/19-04/11/19	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
12611 350 ONLINE	-----	-	03/07/19-05/16/19	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
11205 350 ONLINE	-----	-	04/09/19-05/07/19	Online	Mahring B	Closed

Microsoft Outlook Office 2016

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
11206 376 HYB	M-----	06:00-08:50 PM	01/28/19-05/13/19	RC 353	Manifold K	Closed
	-----	-	01/28/19-05/13/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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
11207 350 ONLNE	-----	-	03/08/19-04/12/19	Online	Hultgren S	Closed
	-----	-	04/19/19-05/17/19	Online		

SB 155 Excel in CTE

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
11209 350 ONLNE	-----	-	02/28/19-04/04/19	Online	Smith C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
11210 350 ONLNE	-----	-	04/09/19-05/07/19	Online	Mahring B	Closed

Microsoft Word 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 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
11211 350 ONLNE	-----	-	01/24/19-05/24/19	Online	Smith C	Closed

Microsoft 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.

11214 351 ONLNE	-----	-	01/24/19-05/24/19	Online	Smith C	Closed
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Microsoft 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.

11216 352 ONLNE	-----	-	01/24/19-05/24/19	Online	Kosko J	Closed
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Microsoft 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.

11219 353 ONLNE	-----	-	03/04/19-05/20/19	Online	Kosko J	Closed
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Microsoft 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.

11224 376 HYB	M-----	02:00-04:50 PM	01/28/19-05/13/19	RC 355	Jarvis B	Closed
	-----	-	01/28/19-05/13/19	Online		

Mandatory Classroom Meetings

Microsoft 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.

11228 377 HYB	M-----	06:00-08:50 PM	01/28/19-05/13/19	RC 355	Jarvis B	Closed
	-----	-	01/28/19-05/13/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
Microsoft 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.						
11231 378 HYB	-T-R---	09:30-10:50 AM	01/29/19-05/16/19	RC 355	Mahring B	Closed
	-----	-	01/29/19-05/16/19	Online		

<i>Mandatory Classroom Meetings</i>						
Microsoft 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.						
11233 379 HYB	-T-R---	11:00-12:15 PM	01/29/19-05/16/19	RC 355	Mahring B	Closed
	-----	-	01/29/19-05/16/19	Online		

<i>Mandatory Classroom Meetings</i>						
Microsoft 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 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
11234 350 ONLNE	-----	-	02/26/19-04/02/19	Online	Kosko J	Closed

SB 155 Excel in CTE

CPCA 141 - Internet I

This course will introduce the student to the commands and techniques required to effectively access the resources of the Internet. Students will use Windows applications to browse the Internet, locate and retrieve information and send and receive electronic mail and address security issues on the internet. 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
11235 350 ONLNE	-----	-	01/22/19-02/19/19	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
11238 376 HYB	---R---	02:00-04:45 PM	01/31/19-01/31/19	RC 353	Smith C Mahring B	Closed
	-----	-	01/31/19-05/19/19	Online		
	---R---	02:00-04:45 PM	02/07/19-02/07/19	RC 353		
	---R---	02:00-04:45 PM	03/14/19-03/14/19	RC 353		
	---R---	02:00-04:45 PM	05/02/19-05/02/19	RC 353		
	---R---	02:00-04:45 PM	05/16/19-05/16/19	RC 353		

Mandatory Classroom Meetings

Microsoft 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.

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
12065 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
12066 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Nagarajan N	Closed
<i>SB 155 Excel in CTE</i>						
12067 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Nagarajan N	Closed
<i>SB 155 Excel in CTE</i>						
12068 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Hansen S	Closed
<i>SB 155 Excel in CTE</i>						
12758 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Hansen S	Closed
<i>SB 155 Excel in CTE</i>						
12070 376 HYB	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	RC 380	Damico B	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
12071 377 HYB	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	RC 380	Damico B	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12072 378 HYB	--W----	06:00-08:50 PM	01/30/19-05/24/19	RC 344	Holdman C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/30/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
12546 379 HYB	M-W----	12:30-01:45 PM	01/23/19-05/24/19	RC 344	Nyberg C	Closed
	-----	-	01/23/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</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
12084 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take three exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.						
12085 376 HYB	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 380	Kier J	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
12086 377 HYB	M-W----	12:30-01:45 PM	01/23/19-05/24/19	RC 347	Chen I	Closed
	-----	-	01/23/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
12087 378 HYB	-T-R---	04:30-05:45 PM	01/22/19-05/24/19	RC 344	Kier J	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
12088 379 HYB	M-----	05:30-07:45 PM	01/28/19-05/24/19	RC 347	Chen I	Closed
	-----	-	01/28/19-05/24/19	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
12089 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Van Gorp M	Closed
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take 3 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.						

12090 376 HYB	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	RC 347	Van Gorp M	Closed
	-----	-	01/22/19-05/24/19	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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
12091 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Weaver P	Closed
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take 3-4 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.						

12092 376 HYB	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	RC 347	Van Gorp M	Closed
	-----	-	01/22/19-05/24/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

12093 377 HYB	-T-----	06:00-08:50 PM	01/29/19-05/24/19	RC 347	Audas J	Closed
	-----	-	01/29/19-05/24/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12094 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	RC 344	Hansen S	Closed
<i>SB 155 Excel in CTE</i>						
12095 002 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 380	Bryant C	Closed
<i>SB 155 Excel in CTE</i>						
12096 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Kier J	Closed

SB 155 Excel in CTE

Note: Students will be required to take 4-5 exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.

CS 211 - Discrete Structures II

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12097 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	OCB 142	VanHorn J	Closed
<i>SB 155 Excel in CTE</i>						
12098 002 F2F	-T-R---	04:30-05:45 PM	01/22/19-05/24/19	OCB 142	VanHorn J	Closed

SB 155 Excel in CTE

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
12099 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
Note: Students will be required to take three exams on campus (JCCC Testing Center) during the semester. A certified proctoring center may also be a possibility, but any cost and arrangement are the responsibility of the student.						
12100 376 HYB	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 344	Aljanabi A	Closed
	-----	-	01/24/19-05/24/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

CS 250 - Basic Data Structures using C++

This course continues developing problem solving techniques by focusing on object-oriented styles using C++ abstract data types. Basic data structures such as queues, stacks, trees, dictionaries, their associated operations, and their array and pointer implementations will be studied. Topics also include recursion, templates, fundamental algorithm analysis, searching, sorting, hashing, object-oriented concepts and large program organization. Students will write programs using the concepts covered in the lecture. 3 hrs. lecture, 2 hrs. lab by arrangement/wk. Prerequisite: CS 235 or (CS 200 and CS 210 or CS 236 or CS 255 or CIS 240 or MATH 242).

Credit Hours: 4

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
12101 376 HYB	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	RC 347	Hansen S	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>						
12102 377 HYB	--W----	06:00-08:50 PM	01/30/19-05/24/19	RC 347	Kier J	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>						

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
12103 001 F2F	-T-R---	04:30-05:45 PM	01/22/19-05/24/19	RC 380	Weaver P	Closed
<i>SB 155 Excel in CTE</i>						

Dental Hygiene

DHYG 135 - Dental Materials

This course is designed to provide students with a knowledge base of the science and physical properties of dental materials. Through laboratory exercises, students will have hands-on experience with dental materials used in dental hygiene and dentistry while applying their knowledge of dental material sciences. 1 hr. lecture, 2 hrs. lab/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 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_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11426 001 F2F	--W----	01:00-02:50 PM	01/23/19-05/24/19	SCI 117	Geisbauer K	Closed
	M-----	11:00-11:50 AM	01/28/19-05/24/19	SCI 112		
<i>SB 155 Excel in CTE</i>						
11428 002 F2F	--W----	03:00-04:50 PM	01/23/19-05/24/19	SCI 117	Geisbauer K	Closed
	M-----	11:00-11:50 AM	01/28/19-05/24/19	SCI 112		
<i>SB 155 Excel in CTE</i>						

DHYG 140 - Clinical Dental Hygiene II

The course will include clinical application of dental hygiene techniques and instrumentation, oral health products, patient motivation and educational techniques, preventive strategies including use of an intraoral clinic camera, and an introduction to selected dental specialties. Students will be prepared for medical and dental emergencies that may be encountered in various practice settings. An introduction to the dental hygiene process of care (ADPIED) and working with special-needs patient populations will be provided. 2 hrs. lecture/8 hrs.clinic/wk.

Credit Hours: 4

Prerequisites: DHYG 121 and DHYG 125 and DHYG 135 and SOC 122 **Corequisites:** DHYG 142 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_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11430 001 F2F	-T-R---	08:00-05:00 PM	01/22/19-05/24/19	SCI 201	Funkhouser D Curry Chiu M Hodes L	Closed
	----F--	10:00-11:50 AM	01/25/19-05/24/19	SCI 112		
<i>SB 155 Excel in CTE</i>						

DHYG 146 - Periodontics

This course provides the dental hygiene student with an in-depth study of periodontal disease including the inflammatory process and its relationship to pathogenesis of periodontal disease; identification of etiological factors; classification of periodontal disease following a complete periodontal assessment; recognition of gingival conditions and risk assessment; description of periodontal surgical procedures; the recognition of periodontal emergencies; and the effectiveness of plaque control and nonsurgical periodontal therapy. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: DHYG 121 and DHYG 125 and DHYG 135 and DHYG 138 **Corequisites:** DHYG 140 and DHYG 142 and DHYG 148 **Prerequisites or Corequisites:** 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_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11433 001 F2F	--W----	11:00-11:50 AM	01/23/19-05/24/19	SCI 112	Callihan T	Closed
	M-----	09:00-10:50 AM	01/28/19-05/24/19	SCI 112		
<i>SB 155 Excel in CTE</i>						

DHYG 148 - Dental Health Education

This course is designed to provide students with a knowledge base in oral health promotion; disease prevention and control; the scientific research process; evaluation of research articles; goal and objective writing; cultural competency in oral health care; client assessment; evidence based decision making and product evaluation. Students will learn to apply this knowledge using educational methodology for individuals and groups, with

special emphasis on behavior modification, compliance, communication and motivation. 1 hr. lecture, 2 hrs. lab/wk

Credit Hours: 2

Prerequisite: DHYG 121 Corequisites: DHYG 140 and DHYG 142 and DHYG 146 Prerequisites or Corequisites: BIOL 225 and DHYG 135

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11435 001 F2F	--W----	09:00-10:30 AM	01/23/19-05/24/19	SCI 112	Haas C	Closed
	----F--	08:00-09:30 AM	01/25/19-05/24/19	SCI 112		

SB 155 Excel in CTE

DHYG 240 - Dental Public Health

This course facilitates the student's development as a responsible leader in public health programs. Topics include public health structure and global public health access, statistical procedures for critiquing scientific literature and epidemiology. Course content includes emphasis on the role of the dental hygienist in community health promotion, assessment, planning, implementation and evaluation using evidenced-based research. 2 hrs. lecture/wk. Prerequisite: Admission to the Dental Hygiene Program and DHYG 140 with a grade of "C" or higher and DHYG 142 with a grade of "C" or higher and DHYG 146 with a grade of "C" or higher and DHYG 148 with a grade of "C" or higher and BIOL 225 with a grade of "C" or higher and BIOL 235 with a grade of "C" or higher. Corequisite: DHYG 221 and DHYG 225 and DHYG 230.

Credit Hours: 2

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

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11462 001 F2F	---R---	01:00-02:50 PM	01/24/19-01/24/19	LIB 353B	Samuel H	Closed
	---R---	01:00-02:50 PM	01/31/19-05/24/19	SCI 222		

SB 155 Excel in CTE

DHYG 245 - Nitrous Oxide Analgesia

This course will concentrate on the principles of administering and monitoring nitrous oxide analgesia. Upon completion of the course, didactic and clinical proficiency in nitrous oxide analgesia will meet certification standards set by state dental boards. 1 hr. lecture, lab/wk.

Credit Hours: 1

Prerequisite: DHYG 221 Corequisite: DHYG 250

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11440 002 F2F	---R---	08:00-09:55 AM	01/24/19-02/17/19	SCI 112	Haas C	Closed
	---R---	08:00-09:55 AM	02/21/19-03/17/19	SCI 201		

SB 155 Excel in CTE

DHYG 250 - Clinical Dental Hygiene IV

This course will offer continued development of proficiency in clinical techniques and current procedural practices of the dental hygienist with emphasis on self-evaluation. Topics will include ethics, jurisprudence, office management, current dental hygiene issues and preparation for board exams. 2 hrs. lecture, 16 hrs. clinic/wk., 1 hr. board review for first 8 wks.

Credit Hours: 6

Prerequisite: DHYG 221 **Corequisite:** DHYG 245

Outline (http://catalog.jccc.edu/coursedescriptions/dhyg/#DHYG_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11455 001 F2F	M-W----	08:00-05:00 PM	01/23/19-05/24/19	SCI 201	Davis K Gilman R Armbrister B Wells C Grotheer D Boles N Evans-Solano C Wynn K	Closed
	---R---	10:00-11:50 AM	01/24/19-05/24/19	SCI 112		

SB 155 Excel in CTE

Dietary Managers

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
10173 001 F2F	--W----	12:00-02:50 PM	01/30/19-05/24/19	HCA 115	Collier R	Closed
<i>KBOR Seamless Transfer</i>						
10174 002 F2F	-T-----	09:00-11:50 AM	01/22/19-05/24/19	HCA 115	Tripe J	Closed
<i>KBOR Seamless Transfer</i>						
10175 003 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	HCA 119	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
10176 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Riley M	Closed
<i>KBOR Seamless Transfer</i>						
10177 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Tripe J	Closed
<i>KBOR Seamless Transfer</i>						
10179 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Collier R	Closed
<i>KBOR Seamless Transfer</i>						

DIET 200 - Medical Nutrition Therapy

This course provides an understanding of how medical nutrition therapy impacts disease and the role of the dietary manager in utilizing this therapy in a clinical setting. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: DIET 151

Outline (http://catalog.jccc.edu/coursedescriptions/diet/#DIET_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10181 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	HCA 115	Riley M	Closed

DIET 251 - Nutrition Applications

This course explores the application of nutrition in four areas of emphasis: clinical, community, research and food science. This course requires a minimum of 25 hours of coordinated field experience. Some field experience facilities may have other requirements.

Credit Hours: 3

Associated Costs: \$0-\$150

Prerequisite or Corequisite: DIET 200

Outline (http://catalog.jccc.edu/coursedescriptions/diet/#DIET_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10182 001 F2F	---R---	04:00-05:50 PM	01/24/19-05/24/19	HCA 115	Riley M	Closed

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
10183 500 INT	-----	-	01/22/19-05/24/19		Riley M	14 of 24

SB 155 Excel in CTE

Requirement: Department approval

Drafting/CAD/AutoCAD

DRAF 120 - Introduction to Drafting

This course should be taken by students without prior drafting experience. Upon successful completion of this course, the student should be able to identify and apply the essential, basic skills necessary to proceed through the drafting program, including, measuring, geometric construction, sketching, isometrics, orthographic views, section views, dimensioning and auxiliary views. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed. 1hr. lecture, 2hrs. lab/wk.

Credit Hours: 2

Associated Costs: \$45 to \$60

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11119 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-03/17/19	ITC 122	Feuerborn D	Closed
	Lab M-W-F--	12:00-12:50 PM	01/23/19-03/17/19	ITC 122		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have pre-requisite 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.

11132 002 F2F	-T-R---	06:00-06:50 PM	01/22/19-03/17/19	ITC 122	Feuerborn D	Closed
	Lab -T-R---	07:00-08:50 PM	01/22/19-03/17/19	ITC 122		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have pre-requisite 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
11137 001 F2F	-T-R---	06:00-07:50 PM	03/26/19-05/19/19	ITC 122	Feuerborn D	Closed

SB 155 Excel in CTE

DRAF 129 - Interpreting Architectural Drawings

This beginning course will explain the fundamentals of interpreting (reading) architectural drawings. Upon successful completion of this course, students should be able to understand plan and elevation views, sections, details, schedules, specifications, symbols and abbreviations found on most residential and commercial construction drawings. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$5 to \$10

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11140 001 F2F	M-W----	11:00-12:50 PM	03/25/19-05/19/19	ITC 122	Feuerborn D	Closed

Accelerating Opportunity KS

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have pre-requisite 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.

11148 002 F2F	-T-R---	08:00-09:50 PM	03/26/19-05/19/19	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 pre-requisite 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
11155 001 F2F	Lab M-W----	06:00-07:50 PM	01/23/19-03/17/19	ITC 122	Hughes T	Closed
	-----	-	01/23/19-03/17/19	ITC 124		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have pre-requisite 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.

11156 002 F2F	M-W----	01:00-02:50 PM	01/23/19-03/17/19	ITC 122	Hughes T	Closed
	Lab -----	-	01/23/19-03/17/19	ITC 124		

SB 155 Excel in CTE

Note: Students who have taken high school Drafting or have pre-requisite 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.

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
12585 350 ONLINE	-----	-	02/18/19-05/24/19	Online	Cline L	Closed

SB 155 Excel in CTE

DRAF 135 - Graphic Analysis

This course expands on introductory knowledge in drafting and CAD. Upon successful completion of this course, the student will solve descriptive geometry problems, locate intersections of geometric shapes, and produce developments of geometric shapes. Most assignments in this course will be completed using AutoCAD software. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$15 to \$20

Prerequisite: DRAF 130 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11160 001 F2F	-T-R---	02:30-03:20 PM	01/22/19-05/24/19	ITC 126	Feuerborn D	Closed
	Lab -T-R---	03:30-04:50 PM	01/22/19-05/24/19	ITC 126		

SB 155 Excel in CTE

DRAF 143 - Introduction to BIM Building Information Modeling

This course introduces students to the concepts and usage of BIM: Building Information Modeling in the building construction field. Students will use Building Information Modeling software to interact with a virtual building model. Upon successful completion of this course, students will manipulate the software interface to model, interpret, access data, and view the building model. The student will use the software to model and access plan views, elevations, sections, 3-D views, structural elements, schedules and support files found in a 3-D building model. The REVIT software package is currently used. Prerequisite or Corequisite: DRAF 129.

Credit Hours: 2

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11165 001 F2F	----F--	06:00-09:50 PM	01/25/19-03/17/19	ITC 126	Burton S	Closed

SB 155 Excel in CTE

Note: All sections of DRAF 143 will use REVIT 2018 for the completion of lab assignments.

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
11166 001 F2F	M-W----	08:00-09:50 PM	01/23/19-03/17/19	ITC 126	Catt T	Closed

SB 155 Excel in CTE

Note: All sections of DRAF 145 will use Inventor 2018 for the completion of lab assignments.

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
11167 001 F2F	----F--	12:00-02:50 PM	02/22/19-05/19/19	ITC 128	Cline L	Closed

SB 155 Excel in CTE

Note: Students who are new to the Drafting program or have program questions should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 152.

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
11169 001 F2F	M-W----	02:00-03:50 PM	03/25/19-05/19/19	ITC 128	Cline L	Closed

SB 155 Excel in CTE

Note: Students who are new to the Drafting program or have program questions should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 162.

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
11171 001 F2F	M-W----	09:00-09:50 AM	01/23/19-05/24/19	ITC 128	Cline L	Closed
	Lab M-W----	10:00-11:20 AM	01/23/19-05/24/19	ITC 128		

SB 155 Excel in CTE

11172 002 F2F	-T-R---	01:00-01:50 PM	01/22/19-05/24/19	ITC 128	Cline L	Closed
	Lab -T-R---	02:00-03:20 PM	01/22/19-05/24/19	ITC 128		

SB 155 Excel in CTE

11174 003 F2F	M-W----	06:00-06:50 PM	01/23/19-05/24/19	ITC 128	Cline L	Closed
	Lab M-W----	07:00-08:20 PM	01/23/19-05/24/19	ITC 128		

SB 155 Excel in CTE

DRAF 211 - Engineering Design Problems

This course introduces the student to a variety of engineering design concepts. Topics include structural loading conditions, steel member selection, pressurized fluid flow, open channel flow and stormwater/hydrology. Students apply these concepts to solve practical problems found in industry. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$80

Prerequisites: MATH 131 or MATH 171 or MATH 173 or MATH 241 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_211)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11175 001 F2F	M-W----	04:00-05:20 PM	01/23/19-05/24/19	ITC 181	Johnson S	Closed

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
11176 001 F2F	M-W----	06:00-07:50 PM	03/25/19-05/19/19	ITC 122	Hughes T	Closed
	Lab -----	-	03/25/19-05/19/19	ITC 124		

SB 155 Excel in CTE

CRN	Days	Time	Date	Location	Instructor	Seats Open
11177 002 F2F	M-W----	01:00-02:50 PM	03/25/19-05/19/19	ITC 122	Hughes T	Closed
	Lab -----	-	03/25/19-05/19/19	ITC 124		

SB 155 Excel in CTE

DRAF 238 - Architectural Design and Drafting

This course is an introduction to the production of architectural drawings for residential and commercial construction. Upon successful completion of this course, the student will be able to design and draw floor plans, sections, elevations, dimensions and schedules. Industry standard code and reference books, such as the International Residential Code and Architectural Graphic Standards books, will be used in the research and design process. Projects will be completed using computer-aided drafting (CAD) software. This course is typically taught in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$90 to \$120

Prerequisites: DRAF 129 and DRAF 135 and DRAF 230 and DRAF 243

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11178 001 F2F	-T-R---	11:30-12:20 PM	01/22/19-05/24/19	ITC 126	Feuerborn D	Closed
	Lab -T-R---	12:30-01:50 PM	01/22/19-05/24/19	ITC 126		

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
11179 001 F2F	----F--	06:00-09:50 PM	03/29/19-05/19/19	ITC 126	Burton S	Closed

SB 155 Excel in CTE

Note: All sections of DRAF 243 will use REVIT 2018 for the completion of lab assignments.

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
11180 001 F2F	M-W----	08:00-09:50 PM	03/25/19-05/19/19	ITC 126	Catt T	Closed

SB 155 Excel in CTE

Note: All sections of DRAF 245 will use Inventor 2018 for the completion of lab assignments.

DRAF 246 - MicroStation for AutoCAD users

This course introduces the student to the MicroStation software interface and command structure. The course is intended for students who are familiar with the use of the AutoCAD software and need a transition to the use of MicroStation. Topics include basic operating fundamentals, AccuDraw, working with elements, references and printing. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$0 to \$80

Prerequisites: DRAF 230 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11181 001 F2F	M-W----	06:00-07:50 PM	01/23/19-03/17/19	ITC 126	Catt T	Closed

SB 155 Excel in CTE

DRAF 252 - Structural Design and Drafting

Upon successful completion of this course, the student should be able to produce structural drawings and details of steel, concrete and wood structures for manufacturing, construction, engineering and architectural firms. The student will use industry standard references and perform design calculations. Project work will be done using CAD. This course is typically taught in the spring semester. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$90 to \$120

Prerequisites: DRAF 129 and DRAF 135 and DRAF 230 and DRAF 243 or department approval
Prerequisites or Corequisites: MATH 131 or MATH 172

Outline (http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11182 001 F2F	-T-R---	07:00-07:50 PM	01/22/19-05/24/19	ITC 126	Gatapia R	Closed
	Lab -T-R---	08:00-09:20 PM	01/22/19-05/24/19	ITC 126		

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
11183 001 F2F	Lab -T-R---	11:30-12:20 PM	01/22/19-05/24/19	ITC 124	Hughes T	Closed
	-----	-	01/22/19-05/24/19	ITC 122		

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
11184 500 INT	-----	-	01/22/19-05/24/19		Hughes T	3 of 5

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
11185 500 INT	-----	-	01/22/19-05/24/19		Hughes T	Closed

SB 155 Excel in CTE

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
12531 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Smith S	Closed

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
12532 350 ONLNE	-----	-	01/22/19-05/24/19	Online	McCall J	Closed

SB 155 Excel in CTE

DS 250 - Data Analysis

In this course the student will manipulate, process, clean, analyze and visualize data in a programming language. Real world datasets will be utilized. Structured data will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/ds/#DS_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11847 376 HYB	---R---	08:00-09:50 PM	01/24/19-05/24/19	RC 361	Leftwich M	Closed
	-----	-	01/24/19-05/24/19	Online		

Mandatory Classroom Meetings

DS 260 - Data Mining

This course will provide students with an understanding of fundamental data mining methodologies and the ability to formulate and solve problems with these methodologies. Particular attention will be paid to the process of extracting data, analyzing it from many dimensions or perspectives, then producing a summary of the information in a useful form that identifies relationships within the data. The lectures will be complemented with hands-on experience with data mining software to allow development of execution skills. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/ds/#DS_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11848 376 HYB	-T-----	08:00-09:50 PM	01/29/19-05/24/19	RC 361	Smith S	Closed
	-----	-	01/29/19-05/24/19	Online		

SB 155 Excel in CTE

Mandatory Classroom Meetings

DS 270 - Introduction to Machine Learning

This introductory course gives an overview of machine learning concepts, techniques and algorithms. Supervised and unsupervised machine learning will be covered. Machine learning is an integral part of data analytics, which deals with developing data-driven insights for better designs and decisions, and gives computers the ability to learn without being explicitly programmed. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/ds/#DS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11849 376 HYB	-T-----	06:00-07:50 PM	01/29/19-05/24/19	RC 361	Korolev M	Closed
	-----	-	01/29/19-05/24/19	Online		

Mandatory Classroom Meetings

DS 280 - Big Data Architecture

This course covers emerging big data architectures that deal with large amounts of unstructured and semi-structured data. This course is designed for developers who need to create applications to analyze big data stored in distributed file systems. Topics include file architecture, data retrieval, performance and data analysis. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$50 to \$100

Outline (http://catalog.jccc.edu/coursedescriptions/ds/#DS_280)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11850 376 HYB	---R---	06:00-07:50 PM	01/24/19-05/24/19	RC 254	Baburajan R	Closed
	-----	-	01/24/19-05/24/19	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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
10687 002 F2F	M-W----	07:30-08:45 PM	01/23/19-05/24/19	CC 316	Keh C	Closed
10688 005 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 324	Sobolevsky A	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
10690 005 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 316	Keh C	Closed
10699 010 F2F	M-W----	07:30-08:45 PM	01/23/19-05/24/19	CC 312	Knisley T	Closed
10706 013 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 316	Magnuson K	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 \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_105\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10708 002 F2F	M-W----	04:30-05:45 PM	01/23/19-05/24/19	CC 316	Milkowart H	Closed
10710 005 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 329	Walker A	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 \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10712 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 324	Lychnikova E	Closed
10717 007 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 329	Walker A	Closed
10719 010 F2F	M-W----	06:00-07:15 PM	01/23/19-05/24/19	CC 122	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 \(http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111\)](http://catalog.jccc.edu/coursedescriptions/eap/#EAP_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10745 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 316	Forth J	Closed
10762 004 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	LIB 357	Kastendick R	Closed
10764 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	SCI 118	Magnuson K	Closed
10766 010 F2F	M-W----	06:00-07:15 PM	01/23/19-05/24/19	CC 312	Austin K	Closed

EAP 113 - Writing and Grammar IV

This English for Academic Purposes course provides non-native English-speaking students the opportunity to improve fluency in American English in writing at the high intermediate to advanced level. Students will engage in writing tasks that relate to the academic disciplines. The course also focuses on grammar activities including editing strategies for effective writing. This is the fourth writing and grammar course in the sequence of courses leading to ENGL 121. 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
10800 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 316	Forth J	Closed
10801 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 329	Milkowart H	Closed
10802 005 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	OCB 142	Forth J	Closed
10803 007 F2F	-T-R---	06:00-07:15 PM	01/22/19-05/24/19	CC 316	Aronoff D	Closed
10804 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Tumanut S	Closed

EAP 115 - Speaking and Listening III

This English for Academic Purposes course provides non-native English-speaking students the opportunity to enhance fluency in speaking, pronunciation and listening at the upper intermediate level. Students will apply standard American English communication patterns to understand lectures, speak in academic settings and communicate in group interactions. Students will learn effective techniques for presenting formal and informal speeches in specific fields of study and academic debates. This 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
10805 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 329	Blackman P	Closed
10806 005 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 215	Dixon G	Closed
10807 007 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 329	Milkowart H	Closed
10808 009 F2F	M-W----	04:30-05:45 PM	01/23/19-05/24/19	CC 314	Knisley T	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
10809 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 316	Forth J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10810 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 329	Milkowart H	Closed
10811 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 329	Walker A	Closed
10812 009 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 324	Sobolevsky A	Closed
10813 012 F2F	-T-R---	07:30-08:45 PM	01/22/19-05/24/19	CC 316	Aronoff D	Closed
10814 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Nguyen E	Closed

EAP 120 - Reading and Vocabulary I

This English for Academic Purposes course provides non-native English-speaking students an integrated communication experience at the high beginning college level. Students will learn effective techniques for reading, studying and using American English in an academic setting. This course does not fulfill degree requirements. This is the first reading course in the sequence of courses leading to ENGL 121. 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
10815 002 F2F	M-W----	06:00-07:15 PM	01/23/19-05/24/19	CC 316	Crum D	Closed
10816 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 316	Kastendick R	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
10817 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 324	Lychnikova E	Closed
10819 008 F2F	M-W----	04:30-05:45 PM	01/23/19-05/24/19	CC 122	Huff K	Closed
10820 012 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 324	Sobolevsky A	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
10821 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 329	Blackman P	Closed
10822 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 324	Lychnikova E	Closed
10823 007 F2F	M-W----	07:30-08:45 PM	01/23/19-05/24/19	CC 122	Huff K	Closed
10824 010 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 124	Kastendick R	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
11915 002 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 248	Christensen K	Closed
11923 003 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 229	Christensen K	Closed
11930 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Christensen K	Closed
11931 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Christensen K	Closed
11949 352 ONLNE	-----	-	01/22/19-05/24/19	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
11950 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	OCB 246	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
11952 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	OCB 246	Hadley S	Closed

KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
11953 003 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	OCB 248	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
11955 004 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	OCB 246	Okao A	Closed
<i>KBOR Seamless Transfer</i>						
11958 005 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
11969 007 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 248	Ashworth S	Closed
<i>KBOR Seamless Transfer</i>						
11972 008 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 246	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
12500 010 F2F	M-W-F--	03:00-03:50 PM	01/23/19-05/24/19	GEB 238	Owens D Edwards T	Closed

This section's title is **Principles of Macroeconomics Honors**.

KBOR Seamless Transfer

Honors Course

This class is a Learning Community which integrates History and Economics. Students enroll in and earn six transferable hours of credit: three for HIST 141: U.S. History Since 1877; and, three for ECON 230: Principles of Macroeconomics. Students will earn the same grade for all six hours. This course will be taught by both Tai Edwards (history) and Dan Owens (economics). No prerequisites. 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 ECON 230 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.

11973 011 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	OCB 246	Ashworth S	Closed
<i>KBOR Seamless Transfer</i>						
11980 013 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	OCB 246	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
11984 014 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	OCB 246	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
11988 015 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
11989 016 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	OCB 246	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
11990 017 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	OCB 246	Karscig M	Closed
<i>KBOR Seamless Transfer</i>						
11991 018 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	OCB 246	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
11997 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
11998 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
11999 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
12000 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
12001 354 ONLINE	-----	-	01/22/19-03/17/19	Online	Hadley S	Closed

KBOR Seamless Transfer

This is an accelerated 8-week course that begins on January 22 and ends on March 17. Students often combine this section of Macroeconomics with the second 8-week session of Microeconomics which begins on April 1, CRN 12020. Enrolling in both sections allows the student to earn 6 credit hours of economics in a single semester. This is a Day One Access course. Your textbook is listed as a fee. No additional text will be required.

12002 355 ONLINE	-----	-	04/01/19-05/24/19	Online	Hadley S	Closed
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KBOR Seamless Transfer

This is an accelerated 8-week course that begins on April 1 and ends on May 24. Students often combine this section of Macroeconomics with the first 8-week session of Microeconomics, CRN 12019. 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.

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

Outline (http://catalog.jccc.edu/coursedescriptions/econ/#ECON_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12004 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	OCB 248	Brogna A	Closed
<i>KBOR Seamless Transfer</i>						
12005 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 331	Gordon L	Closed
<i>KBOR Seamless Transfer</i>						
12006 003 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 246	Gordon L	Closed
<i>KBOR Seamless Transfer</i>						
12007 004 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 246	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
12008 005 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 248	Christensen K	Closed
<i>KBOR Seamless Transfer</i>						
12553 006 F2F	M-W----	04:00-06:50 PM	04/01/19-05/24/19	GEB 217	Frederick D	Closed
<i>KBOR Seamless Transfer</i>						
This is an accelerated 8-week course that begins on April 1 and ends on May 24. Students often combine this section of Microeconomics with the first 8-week section of Macroeconomics, CRN 11975. Enrolling in both sections allows the student to earn 6 credit hours of Economics in a single semester.						
12009 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	OCB 248	Kim K	Closed
<i>KBOR Seamless Transfer</i>						
12010 008 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	OCB 246	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
12011 009 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
12012 010 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	SCI 124	Hamilton T	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12014 012 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	OCB 248	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
12552 013 F2F	---R---	06:00-08:50 PM	01/22/19-05/24/19	OCB 248	Hamilton T	Closed
<i>KBOR Seamless Transfer</i>						
12015 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
12016 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
12017 352 ONLNE	-----	-	01/23/19-05/24/19	Online	Copeland D	Closed
<i>KBOR Seamless Transfer</i>						
12018 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Owens D	Closed
<i>KBOR Seamless Transfer</i>						
12019 354 ONLNE	-----	-	01/22/19-03/17/19	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						

This is an accelerated 8-week course that begins on January 22 and ends on March 17. Students often combine this section of Microeconomics with the second 8-week section of Macroeconomics, CRN 12002. 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.

12020 355 ONLNE	-----	-	04/01/19-05/24/19	Online	Hadley S	Closed
<i>KBOR Seamless Transfer</i>						
This is an accelerated 8-week course that begins on April 1 and ends on May 24. Students often combine this section of Microeconomics with the first 8-week section of Macroeconomics, CRN 12001. 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
11344 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	HCDC 128	Butler C	Closed
<i>KBOR Seamless Transfer</i>						
11345 002 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	HCDC 128	Butler C	Closed
<i>KBOR Seamless Transfer</i>						
11346 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Strohschein M	Closed
<i>KBOR Seamless Transfer</i>						

EDUC 130 - Foundations of Early Childhood Education

This introductory survey course is designed to provide students with current information on topics relevant to employment in early childhood programs. The course explores the historical and philosophical roots of early childhood education, general principles in child development, the teacher's role, values and ethics in early childhood education, curriculum design, and classroom management. Twenty hours of observation in a group childcare setting are required. 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
11347 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	HCDC 128	Hurst D	Closed
11348 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hurst D	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
11349 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	HCDC 128	Salvato M	Closed
11350 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Salvato M	Closed

EDUC 231 - Early Childhood Curriculum II

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 on curriculum areas that deal with the physical and social aspects of the world. Included in this inquiry curriculum are mathematics, science, social studies and nutrition. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11351 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hurst D	Closed

EDUC 234 - Families in Society

This course is a study of effective relationships between families and the larger society. The course is designed for teachers and families who desire to provide an environment that reflects sensitivity to the unique needs of the individual child/adolescent and their families. Topics covered during the course are family dynamics, child and adolescent development, supporting positive relationships and behaviors, and effective communication and guidance strategies, as well as building and advocating for effective, collaborative relationships between teachers, families and communities. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: PSYC 215

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11352 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hurst D	Closed

EDUC 250 - Child Health, Safety and Nutrition

This course is a study of the basic health, nutrition and safety management practices for young children. Information on establishing and maintaining a physically and psychologically safe and healthy learning environment appropriate for the needs of young children will be included. The interrelation of health, safety and nutrition is stressed, with emphasis on appraisal procedures, prevention and protection, services and educational experiences for young children and their families. 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
11353 001 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	HCDC 128	McDonald K	Closed

EDUC 285 - Student Teaching: Early Childhood Education

This course will focus on the field experience of early childhood education students allowing them to apply their knowledge of teaching young children in a supervised setting. The student lab experience will occur in two different early childhood settings, with children of varying age groups. The course will also include a lecture/seminar component focused on practical application of student teaching experiences, as well as the development of a student teaching portfolio.

Credit Hours: 3

Prerequisites: EDUC 130 and EDUC 250 and EDUC 260 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/educ/#EDUC_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11354 001 F2F	----F--	12:00-02:00 PM	01/25/19-05/24/19	HCDC 128	Hurst D	Closed

Electronics

ELEC 120 - Introduction to Electronics

This is a beginning course in electronics technology that is appropriate for both electronic majors and other interested students. An overview of basic electronic theory, principles and components is presented. In addition, the laboratory exercises will emphasize the operation and use of the primary pieces of electronic test equipment and the fabrication of selected circuits. 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
10198 001 F2F	M-W----	09:00-09:50 AM	01/23/19-05/24/19	ITC 184	Fouad H	Closed
	Lab M-W----	10:00-11:20 AM	01/23/19-05/24/19	ITC 184		
<i>SB 155 Excel in CTE</i>						
10199 002 F2F	-T-R---	06:00-06:50 PM	01/22/19-05/24/19	ITC 184	Cody P	Closed
	Lab -T-R---	07:00-08:20 PM	01/22/19-05/24/19	ITC 184		
<i>SB 155 Excel in CTE</i>						

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
10200 001 F2F	M-W----	01:00-02:20 PM	01/23/19-05/24/19	ITC 188	Cody P	Closed
	Lab -----	-	01/23/19-05/24/19	ITC 186		
<i>SB 155 Excel in CTE</i>						

ELEC 134 - DC Circuits

This course covers resistive circuits having DC sources. Analysis topics include Ohm's law, Kirchoff's law, Watt's law, the superposition theorem, Thevenin's theorem and Norton's theorem. The current, voltage and resistance relationships in series, parallel and combination circuits will be studied. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or Corequisite: ELEC 120

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10201 001 F2F	M-W----	12:30-01:50 PM	01/23/19-05/24/19	ITC 184	Fouad H	Closed
	Lab M-W----	02:00-03:20 PM	01/23/19-05/24/19	ITC 184		
<i>SB 155 Excel in CTE</i>						

ELEC 185 - LAN Cabling and Installation

This course is designed to provide specialized skills for installing and testing local area network cabling and wireless installation. Twisted-pair, coax and fiber cables will be introduced and contrasted based on their characteristics and applications. Laboratory exercises for terminating and testing network cables and installing wireless systems will accompany the lectures. Students will be trained how to use common wiring tools and testing instruments. Methods of documenting LAN systems will also be introduced. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10677 001 F2F	-T-----	05:00-06:50 PM	01/29/19-05/24/19	ITC 188	Retter G	Closed
	Lab -T-----	07:00-09:50 PM	01/29/19-05/24/19	ITC 184		
<i>SB 155 Excel in CTE</i>						
12761 002 F2F	--W----	01:30-03:20 PM	01/23/19-05/24/19	ITC 189	Clark H	Closed
	Lab ---R---	01:30-04:20 PM	01/24/19-05/24/19	ITC 184		
<i>SB 155 Excel in CTE</i>						

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
10202 001 F2F	M-W----	10:00-10:50 AM	01/23/19-05/24/19	ITC 188	Cody P	Closed
	Lab M-W----	11:00-12:20 PM	01/23/19-05/24/19	ITC 191B		
<i>SB 155 Excel in CTE</i>						
11264 350 ONLNE	-----	-	01/22/19-03/17/19	Online	Lutz A	Closed
<i>SB 155 Excel in CTE</i>						

Note: This 8-week section is recommended to be taken followed by IT 120-350 (11266) Comp TIA A+ Practical Applications to align with the A+ certification. You can progress at your own pace and complete it in 8 weeks or less based on your mastery of the course objectives. Contact Andrew Lutz alutz4@jccc.edu or 913-469-8500 x2213 for more information

ELEC 225 - Digital Electronics II

Students will continue their study of digital concepts and will learn how to build digital circuitry using digital integrated circuit chips and basic concepts of computer organization. In additional, emphasis will be placed on learning how to troubleshoot digital circuits and digital systems. Each student will build a digital computer through a series of laboratory projects. 2 hrs. lecture, 3 hrs. open lab/wk.

Credit Hours: 3

Prerequisite: ELEC 125

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10203 001 F2F	-T-R---	01:00-01:50 PM	01/22/19-05/24/19	ITC 188	Cody P	Closed
	Lab -----	-	01/22/19-05/24/19	ITC 188		
<i>SB 155 Excel in CTE</i>						

ELEC 240 - Electronic Communication Systems

This course provides a study of electronic communication systems used in today's world. Topics will include the electromagnetic spectrum, decibels, signal-to-noise ratio, AM and FM super-heterodyne radios, antennas, transmission lines and the Global Positioning System. 3 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 4

Prerequisite or corequisite: ELEC 236

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10266 001 F2F	M-W----	06:00-07:20 PM	01/23/19-05/24/19	ITC 184	King M	Closed
	Lab M-W----	07:30-09:50 PM	01/23/19-05/24/19	ITC 184		

SB 155 Excel in CTE

ELEC 250 - Microcomputer Maintenance

This course is a continuation of the study of personal computers and will further the student's ability to maintain and repair them. In addition, this course will assist the student in preparing for computer-maintenance certification. Topics will include interaction of hardware and operating systems, resource conflicts, networking capabilities, common hardware and software problems, hardware differences of portable computers and upgrading computers. The course topics will be supported by laboratory projects. 2 hrs. lecture and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

Prerequisite: ELEC 186

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10204 001 F2F	M-W----	06:00-06:50 PM	01/23/19-05/24/19	ITC 188	Pitts R	Closed
	Lab M-W----	07:00-08:20 PM	01/23/19-05/24/19	ITC 191B		

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: 1

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10270 503 INT	-----	-	01/22/19-05/24/19		Cody P	5 of 5

SB 155 Excel in CTE

Requirement: Department approval

Electrical Technology

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
10109 001 F2F	-T-----	06:00-08:50 PM	01/22/19-05/24/19	ATB 142	Cranston B	Closed
	Lab ---R---	06:00-08:50 PM	01/24/19-05/24/19	ATB 142		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

ELTE 175 - Low Voltage Wiring

This course covers the basic theory, installation standards and code requirements for various low voltage systems and their connecting devices. Discussion of closed circuit television, security, telephone, fire alarm, computer networking and wireless systems will be incorporated with hands-on experience installing and terminating conductors and cables in a lab environment. 2 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$25 to \$50

Prerequisite or Corequisite: ELTE 200

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10115 001 F2F	M-W----	09:00-11:20 AM	03/25/19-05/15/19	ATB 164	Byrnes J	Closed
	Lab -T-R---	09:00-11:20 AM	03/26/19-05/16/19	ATB 164		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

10118 002 F2F	M-W----	12:00-02:20 PM	03/25/19-05/15/19	ATB 132	Byrnes J	Closed
	Lab -T-R---	12:00-02:20 PM	03/26/19-05/16/19	ATB 132		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

ELTE 200 - Commercial Wiring

This course covers commercial wiring methods that include practical application and hands-on experience in implementing the code requirements. Conduit hand bending techniques, conductor sizing and various wiring methods will also be discussed. The student will explore necessary skills to install electrical systems in a commercial occupancy, meeting the minimum requirements as set forth in the current National Electrical Code (NEC). 3 hrs. lecture/wk, 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

Prerequisites: ELTE 110 and ELTE 115

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10121 001 F2F	Lab -T-R---	08:30-11:20 AM	01/22/19-03/14/19	ATB 164	Randazzo C	Closed
	M-W----	08:30-11:20 AM	01/23/19-03/13/19	ATB 164		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

10122 002 F2F	Lab -T-R---	12:00-02:50 PM	01/22/19-03/14/19	ATB 127	Randazzo C	Closed
	M-W----	12:00-02:50 PM	01/23/19-03/13/19	ATB 127		

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

ELTE 222 - National Electrical Code II

This course is a continuation of the National Electrical Code I course on the use and interpretation of the current National Electrical Code (NEC), chapters 5-9. Students will develop a working knowledge of the code requirements for special occupancies, special equipment, special conditions and communication systems, and be able to use the NEC tables to size conduit raceways. 4 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 3630 for approval.

Credit Hours: 4

Prerequisite: ELTE 122

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10123 001 F2F	MTWR---	09:30-11:20 AM	01/22/19-03/14/19	ATB 127	Byrnes J	Closed

SB 155 Excel in CTE

Note: This section is open to ELTE majors only

10124 002 F2F	MTWR---	12:00-01:50 PM	01/22/19-03/17/19	ATB 133	Byrnes J	Closed
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SB 155 Excel in CTE

Note: This section is open to ELTE majors only

ELTE 223 - Electrical Certification Review

This course covers the process and requirements for becoming a certified licensed electrician. License levels and permitting, state and local requirements, and best practices for being successful on a licensing examination will be covered. 1 hr. lecture/wk

Credit Hours: 1

Associated Costs: \$100 to \$150

Prerequisite or Corequisite: ELTE 222

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10126 001 F2F	---R---	08:30-11:20 AM	03/28/19-05/02/19	ATB 127	Randazzo C	Closed

Note: This section is open to ELTE majors only

10127 002 F2F	---R---	12:00-02:50 PM	03/28/19-05/02/19	ATB 127	Randazzo C	Closed
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Note: This section is open to ELTE majors only

CRN	Days	Time	Date	Location	Instructor	Seats Open
12769 003 F2F	-T-----	06:00-08:50 PM	03/26/19-04/30/19	ATB 127	Byrnes J	Closed

Note: This section is open to ELTE majors only

ELTE 250 - Industrial Wiring II

This course is a continuation of industrial wiring methods that include practical application and hands-on experience in implementing the code requirements. Motor installation and control, generator installation 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 225

Outline (http://catalog.jccc.edu/coursedescriptions/elte/#ELTE_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10128 001 F2F	M-----	05:00-06:50 PM	01/28/19-05/24/19	ATB 125	Byrnes J	Closed
	Lab M-----	07:00-09:50 PM	01/28/19-05/24/19	ATB 125		

SB 155 Excel in CTE

Note: This section open to ELTE majors only

10674 002 F2F	--W----	09:30-11:20 AM	01/23/19-05/24/19	ITC 189	Clark H	Closed
	Lab ---R---	08:30-11:20 AM	01/24/19-05/24/19	ATB 168A		

SB 155 Excel in CTE

Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

10675 003 F2F	--W----	05:00-06:50 PM	01/30/19-05/24/19	ITC 189	Retter G	Closed
	Lab --W----	07:00-09:50 PM	01/30/19-05/24/19	ATB 168A		

SB 155 Excel in CTE

Note: This section is open to AET majors only. Please contact 913-469-8500 x3612 for approval

Emergency Medical Science/MICT

EMS 121 - CPR I - Basic Life Support for Healthcare Provider

This course provides an overview of the cardiovascular and respiratory systems, a discussion of medical and environmental emergencies leading to the need for CPR, and an introduction to diagnostic signs and triage, as well as insight into the structure and function of the emergency medical services system. The most current practical CPR skills will be taught, including CPR, AED, and airway obstruction techniques for adults, children and infants. Upon successful completion of all American Heart Association standards, the student will receive affirmation at the Healthcare Provider level. 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
10453 001 F2F	---R---	06:00-10:00 PM	01/24/19-02/21/19	SCI 222	Hall G Dir J	Closed

Accelerating Opportunity KS

10458 002 F2F	---R---	06:00-10:00 PM	04/04/19-05/02/19	SCI 222	Hall G Dir J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
10470 001 F2F	--WR---	12:00-03:00 PM	01/23/19-05/23/19	SCI 112	Foster C Allen D	Closed
<i>SB 155 Excel in CTE</i>						
10471 002 F2F	MTW----	06:00-10:00 PM	01/22/19-03/13/19	SCI 222	Allen D Ratliff W	Closed
<i>SB 155 Excel in CTE</i>						
10472 003 F2F	MTW----	06:00-10:00 PM	03/25/19-05/15/19	SCI 222	Allen D Ratliff W	Closed
<i>SB 155 Excel in CTE</i>						
10929 004 F2F	MT-R---	12:45-02:45 PM	01/22/19-05/23/19	 LCCC 008	Stellwagon J Osborn T	Closed
<i>SB 155 Excel in CTE</i>						
10473 005 F2F	-----S-	09:30-04:00 PM	01/26/19-05/18/19	SCI 112	Osborn T 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
10476 001 F2F	-T-R---	01:30-05:30 PM	01/22/19-05/23/19	SCI 101L	Biggs S	Closed
	-T-R---	01:30-05:30 PM	01/22/19-05/23/19	SCI 101M		
	-T-R---	01:30-05:30 PM	01/22/19-05/23/19	SCI 101N		
	-----	-	01/22/19-05/23/19	Online		
<i>SB 155 Excel in CTE</i>						
10525 002 F2F	-T-R---	06:00-10:00 PM	01/22/19-05/23/19	SCI 101L	Smith B Danenberg-Jones M	Closed
	-T-R---	06:00-10:00 PM	01/22/19-05/23/19	SCI 101M		
	-T-R---	06:00-10:00 PM	01/22/19-05/23/19	SCI 101N		
	-----	-	01/22/19-05/23/19	Online		
<i>SB 155 Excel in CTE</i>						
10526 003 HYB	M-W----	06:00-10:00 PM	01/23/19-05/22/19	 LCCC 008	Parker R Parker J	Closed
	-----	-	01/23/19-05/22/19	Online		
<i>SB 155 Excel in CTE</i>						

EMS 140 - Basic Cardiology and EKG Recognition

The health care worker with an understanding of ECG tracing will function more effectively when providing care for the cardiac patient. Increasing numbers of professionals are being called upon to utilize ECG tracing in their work settings, but without adequate knowledge of its use. This course will serve as both continuing education and the preparation for the job entry and/or job advancement. During the course, students will learn to apply monitoring and 12-lead electrodes, diagnose ECG dysrhythmias and infarct locations, treat ECG dysrhythmias, and defibrillate ventricular fibrillation. 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
10527 001 F2F	--W----	06:00-09:00 PM	01/30/19-05/22/19	SCI 112	Wright R	Closed
<i>SB 155 Excel in CTE</i>						

EMS 220 - MICT I

MICT I is the first of four courses in advanced out-of-hospital emergency medical care leading to the opportunity to sit for the National Registry Examination for Paramedics. In this narrowly focused but intense foundational course, the paramedic student will gain a significant knowledge of patient assessment, pharmacology and medication administration techniques, electrocardiography, advanced airway management and paramedic scope of practice. Much material will be covered rapidly, and emphasis is on organization, internalization and synthesis of the basic knowledge of the discipline in this 10-week course. Additionally, during the initial psychomotor teaching labs, students will gain the ability to assess patients, administer medications, treat dysrhythmias and manage the airway through manikin practice. 192 hrs. integrated lecture/lab.

Credit Hours: 10

Associated Costs: \$700 to 1,000

Prerequisite: Admission to the MICT program

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_220\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10530 001 F2F	MTWRF--	09:00-04:30 PM	01/07/19-03/15/19	SCI 101L	Wnek S Michel L Craig S Giegerich P	Closed
	MTWRF--	09:00-04:30 PM	01/07/19-03/15/19	SCI 101M		
	MTWRF--	09:00-04:30 PM	01/07/19-03/15/19	SCI 101N		

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 \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_225\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10932 001 F2F	MTWRF--	09:00-04:30 PM	03/25/19-05/24/19	SCI 101L	Wnek S Michel L Craig S Giegerich P	Closed
	MTWRF--	09:00-04:30 PM	03/25/19-05/24/19	SCI 101M		
	MTWRF--	09:00-04:30 PM	03/25/19-05/24/19	SCI 101N		

SB 155 Excel in CTE

EMS 230 - MICT III Clinicals

MICT III is the third 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 III, paramedic students have the opportunity to take the knowledge and skills gained in MICT I and II and apply them in actual supervised clinical practice. MICT III represents a brief, intense 14-week course in which knowledge and skills are synthesized and applied to patients under supervision of physicians and nurses in clinical practice in the emergency department, critical care unit, surgery/recovery room, labor/delivery room, pediatric emergency department and burn center. Field observation lab and classroom and laboratory review are included as well. 342 hrs. integrated lecture/lab and field/clinical experience.

Credit Hours: 12

Prerequisite: EMS 225 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/coursedescriptions/ems/#EMS_230\)](http://catalog.jccc.edu/coursedescriptions/ems/#EMS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10931 001 F2F	MTWRF--	09:00-04:59 PM	01/02/19-05/31/19	SCI 101L	Wnek S Michel L Craig S Giegerich P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	MTWRF--	09:00-04:59 PM	01/02/19-05/31/19	SCI 101M		
	MTWRF--	09:00-04:59 PM	01/02/19-05/31/19	SCI 101N		

SB 155 Excel in CTE

English

ENGL 102 - Writing Strategies

English 102 is designed to give students a solid foundation in grammar and punctuation, helping students overcome obstacles in mechanics that have in the past interfered with their ability to communicate clearly. This sentence-level work soon leads to short paragraphs that offer students the opportunity to practice and refine their writing process. Students in English 102 will learn to view their writing within a rhetorical context of author, message, and audience. Clear, well-organized, well-developed, and mechanically sound foundational writing is the ultimate objective of Writing Strategies. This course is a prerequisite in a sequence of courses leading to ENGL 121. 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
10078 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	LIB 359	Harris S	Closed
10079 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	LIB 359	Harris S	Closed
10080 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	LIB 359	Harris S	Closed
10081 009 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	LIB 353B	Biondo A	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
10082 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	LIB 353B	Lillich S	Closed
10083 003 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	ATB 132	Brunner L	Closed
10084 005 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 128	Davis D	Closed
10085 007 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 128	Davis D	Closed
10087 009 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	ATB 134	Brannan R	Closed
10088 011 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	ATB 134	Brannan R	Closed
10094 012 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CC 124	Cryer D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
10096 015 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 229	Gulley B	Closed
10102 016 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 242	Pace A	Closed
10103 017 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 229	Gulley B	Closed
10104 019 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 122	Pace A	Closed
10110 020 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 215	Dixon G	Closed
10111 021 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 122	Biondo A	Closed
10112 022 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 217	Cryer D	Closed
10113 025 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	LIB 357	Hart N	Closed
10114 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Davis D	Closed
10116 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Davis D	Closed

ENGL 121 - Composition I

Composition I focuses on writing nonfiction prose suitable in its expression and content to both its occasion and its audience. Students will have an opportunity to improve in all phases of the writing process: discovering ideas, gathering information, planning and organizing, drafting, revising and editing. Each text written in the course should clearly communicate a central idea or thesis, contain sufficient detail to be lively and convincing, reflect the voice of the writer and use carefully edited standard written English. By the end of the semester, students should have completed at least 20 pages (approximately 5,000 words) of revised and edited prose. 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
10370 002 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 128	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10371 003 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	LIB 359	Carriger M	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10372 004 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	LIB 357	Stock J	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10394 005 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 217	Patch C	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10395 007 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 242	Reynolds T	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10396 008 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 128	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10397 009 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	LIB 359	Carriger M	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10398 010 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	LIB 357	Stock J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10399 011 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	LIB 353B	Lillich S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10400 013 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 242	Reynolds T	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10401 014 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	LIB 357	Dixon G	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10402 015 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	SCI 122	Karle K	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10403 016 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	ATB 131	Boyer J	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10404 017 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 238	Bell S	Closed
This section's title is Composition I Honors.						
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i> <i>Honors Course</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum ACT score of 25 or, if ACT is not available, appropriate placement test score and departmental approval. Course objectives and competencies remain the same as for other Composition I classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.						
10405 018 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	ATB 132	Brunner L	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10406 019 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 130	Alexander D	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10407 020 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	LIB 357	Dixon G	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10408 021 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	ATB 131	Boyer J	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10409 022 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	ATB 134	Brunner L	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10410 023 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 130	Alexander D	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10411 024 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	LIB 359	Ganguly Puckett S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10412 025 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 128	Murtaugh D	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10413 026 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 242	Frazier C	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10414 029 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	LIB 359	Ganguly Puckett S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10416 032 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CC 217	Skidmore P	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10417 034 F2F	M-W-F--	03:00-03:50 PM	01/23/19-05/24/19	CC 217	Skidmore P	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10418 040 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 217	Bennett S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10419 043 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 215	Broomfield A	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i> <i>Workplace Focus</i>						
Note: Students in ENGL 121-043 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 .						
10420 044 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 217	Rollins T	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10421 045 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 128	Werkmeister S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10422 047 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 128	Brannan R	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10423 048 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	LIB 359	Harris S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10424 049 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 217	Rollins T	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10425 051 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 128	Brannan R	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10426 053 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 130	Werkmeister S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10427 054 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	SCI 116	Karle K	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10428 056 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 215	McBride L	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10429 057 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	LIB 357	Way H	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10430 059 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	GEB 242	Longfellow B	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10431 061 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CC 314	Chapman C	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10432 062 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CC 217	Funari A	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10433 064 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 242	Longfellow B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10434 067 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	ATB 131	Newton J	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10435 068 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 242	Petrillo S	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10436 070 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 242	Ness W	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10437 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Reynolds T	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10438 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Cryer D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10439 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Cryer D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
10440 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Chapman C	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
10441 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Kern S	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10442 355 ONLNE	-----	-	01/22/19-05/24/19	Online	Nelson J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10443 356 ONLNE	-----	-	01/22/19-05/24/19	Online	Nelson J	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10444 357 ONLNE	-----	-	01/22/19-05/24/19	Online	Petrillo S	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10445 358 ONLNE	-----	-	01/22/19-05/24/19	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10446 359 ONLNE	-----	-	01/22/19-05/24/19	Online	McBride L	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10447 360 ONLNE	-----	-	01/22/19-05/24/19	Online	Workman C	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10448 361 ONLNE	-----	-	01/22/19-05/24/19	Online	Hart N	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10449 362 ONLNE	-----	-	01/22/19-03/17/19	Online	Heflin R	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10450 363 ONLNE	-----	-	02/04/19-05/24/19	Online	Kern S	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
10451 364 ONLNE	-----	-	02/18/19-05/19/19	Online	Hoelting M	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
10452 426 SEL	-----	-	01/22/19-05/22/20	Self Paced	Ganguly Puckett S	Full

KBOR Seamless Transfer
Accelerating Opportunity KS

Note: Enrollment for ENGL 121-426 starts on November 1, 2018 and ends on March 31, 2019. For more information and permission to enroll in this self-paced class, please contact Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at sganguly@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

CRN	Days	Time	Date	Location	Instructor	Seats Open
10474 001 F2F	M-W-F--	07:00-07:50 AM	01/23/19-05/24/19	CC 217	Carpenter W	Closed
<i>KBOR Seamless Transfer</i>						
10475 003 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 215	McWard J	Closed
<i>KBOR Seamless Transfer</i>						
10477 004 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 122	Broomfield A	Closed
<i>KBOR Seamless Transfer</i>						
10479 007 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 215	Browning M	Closed
<i>KBOR Seamless Transfer</i>						
10480 008 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 217	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
10486 009 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 122	Broomfield A	Closed
<i>KBOR Seamless Transfer</i>						
10488 010 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	LIB 313	Gulley B	Closed
<i>KBOR Seamless Transfer</i>						
10491 011 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 124	Murtaugh D	Closed
<i>KBOR Seamless Transfer</i>						
10493 012 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 130	Patch C	Closed
<i>KBOR Seamless Transfer</i>						
10495 015 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 215	Browning M	Closed
<i>KBOR Seamless Transfer</i>						
10499 016 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 122	Broomfield A	Closed
<i>KBOR Seamless Transfer</i>						
10500 017 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 229	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
10501 018 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 124	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
10502 019 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	LIB 313	Gulley B	Closed
<i>KBOR Seamless Transfer</i>						
10503 021 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 215	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
10504 022 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 124	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
10505 023 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 217	Hogan Adams M	Closed
This section's title is Composition II Honors .						
<i>Honors Course</i>						
<i>KBOR Seamless Transfer</i>						
Note: This is an honors section. Enrollment is by permission, requiring an A in Composition I and department approval. Course objectives and competencies remain the same as for other Composition II classes, although the instructor may have selected different textbooks. For additional information and permission to enroll, please contact the honors office at either honors@jccc.edu or 913-469-8500 ext. 2434.						
10506 024 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 314	Carpenter W	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10507 026 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 215	Schmeer M	Closed
<i>KBOR Seamless Transfer</i>						
10508 027 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 217	Hogan Adams M	Closed
<i>KBOR Seamless Transfer</i>						
10532 030 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 122	Hodgkin J	Closed
<i>KBOR Seamless Transfer</i>						
10533 031 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 128	Bell S	Closed
<i>KBOR Seamless Transfer</i>						
10535 032 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	LIB 357	Davis M	Closed
<i>KBOR Seamless Transfer</i>						
10537 033 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GEB 242	Frazier C	Closed
<i>KBOR Seamless Transfer</i>						
10538 036 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	LIB 357	Davis M	Closed
<i>KBOR Seamless Transfer</i>						
10539 037 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CC 122	Hodgkin J	Closed
<i>KBOR Seamless Transfer</i>						
10540 040 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	LIB 357	Carriger M	Closed
<i>KBOR Seamless Transfer</i>						
10546 043 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 124	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
10585 044 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	LIB 357	Carriger M	Closed
<i>KBOR Seamless Transfer</i>						
10586 045 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 130	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
10587 048 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 124	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
10588 049 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 130	Alexander D	Closed
<i>KBOR Seamless Transfer</i>						
10589 050 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	ATB 134	Bennett S	Closed
<i>KBOR Seamless Transfer</i>						
10590 051 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 242	Jackson M	Closed
<i>KBOR Seamless Transfer</i>						
10591 053 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 217	Pace A	Closed
<i>KBOR Seamless Transfer</i>						
10592 054 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 314	Jackson M	Closed
<i>KBOR Seamless Transfer</i>						
10593 055 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 412	Small J	Closed
<i>KBOR Seamless Transfer</i>						
10595 057 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	LIB 359	Workman C	Closed
<i>KBOR Seamless Transfer</i>						
10596 059 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 242	Senter M	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10597 060 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 124	Small J	Closed
<i>KBOR Seamless Transfer</i>						
10598 062 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	CC 217	Devictor C	Closed
<i>KBOR Seamless Transfer</i>						
10599 064 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	ATB 134	Luthi G	Closed
<i>KBOR Seamless Transfer</i>						
10600 066 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	ATB 131	Newton J	Closed
<i>KBOR Seamless Transfer</i>						
10601 067 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	 DSH 210	Devictor C	Closed
<i>KBOR Seamless Transfer</i>						
10602 069 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	LIB 357	Way H	Closed
<i>KBOR Seamless Transfer</i>						
10603 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Browning M	Closed
<i>KBOR Seamless Transfer</i>						
10604 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Browning M	Closed
<i>KBOR Seamless Transfer</i>						
10605 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Rollins T	Closed
<i>KBOR Seamless Transfer</i>						
10606 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Rollins T	Closed
<i>KBOR Seamless Transfer</i>						
10607 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
10608 355 ONLNE	-----	-	01/22/19-05/24/19	Online	Davis D	Closed
<i>KBOR Seamless Transfer</i>						
10609 356 ONLNE	-----	-	01/22/19-05/24/19	Online	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
10610 357 ONLNE	-----	-	01/22/19-05/24/19	Online	Werkmeister S	Closed
<i>KBOR Seamless Transfer</i>						
10617 359 ONLNE	-----	-	01/22/19-05/24/19	Online	Bell S	Closed
<i>KBOR Seamless Transfer</i>						
10618 360 ONLNE	-----	-	01/22/19-05/24/19	Online	Bell S	Closed
<i>KBOR Seamless Transfer</i>						
10619 361 ONLNE	-----	-	01/22/19-05/24/19	Online	Lane J	Closed
<i>KBOR Seamless Transfer</i>						
10620 362 ONLNE	-----	-	01/22/19-05/24/19	Online	Lane J	Closed
<i>KBOR Seamless Transfer</i>						
10621 363 ONLNE	-----	-	01/22/19-05/24/19	Online	Cooper J	Closed
<i>KBOR Seamless Transfer</i>						
10622 364 ONLNE	-----	-	01/22/19-05/24/19	Online	Cooper J	Closed
<i>KBOR Seamless Transfer</i>						
10623 365 ONLNE	-----	-	01/22/19-05/24/19	Online	Paldino L	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10624 366 ONLNE	-----	-	01/22/19-05/24/19	Online	Paldino L	Closed
<i>KBOR Seamless Transfer</i>						
10625 367 ONLNE	-----	-	01/22/19-05/24/19	Online	Workman C	Closed
<i>KBOR Seamless Transfer</i>						
10653 369 ONLNE	-----	-	02/11/19-05/24/19	Online	Restivo P	Closed
<i>KBOR Seamless Transfer</i>						
10656 371 ONLNE	-----	-	02/18/19-05/19/19	Online	Hoelting M	Closed
<i>KBOR Seamless Transfer</i>						
10655 372 ONLNE	-----	-	04/01/19-05/24/19	Online	Heflin R	Closed
<i>KBOR Seamless Transfer</i>						
10657 426 SEL	-----	-	01/22/19-05/22/20	Self Paced	Ganguly Puckett S	1 of 15

KBOR Seamless Transfer

Note: Enrollment for ENGL 122-426 starts November 1, 2018 and ends March 31, 2019. 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10119 003 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 215	Dixon G	Closed
10120 350 ONLNE	-----	-	01/22/19-05/24/19	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10154 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 217	Scanlan T	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Special Focus</i>						
Note: ENGL 130-003 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.						
10155 005 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	ITC 183	Reynolds T	Closed
<i>KBOR Seamless Transfer</i>						
10156 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hodgkin J	Closed
<i>KBOR Seamless Transfer</i>						
10157 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Restivo P	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10158 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 229	Gulley B	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
10159 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 122	Schmeer M	Closed

ENGL 205 - Bible as Literature

This course introduces students to the literary aspects of Bible. Students will read extracts from both the Hebrew and Greek portions of the Bible in translation. They will learn to analyze these readings as representatives of the Bible's many literary forms. Students will also sample from later literary works that draw on biblical sources for their inspiration. Students will write essays demonstrating their understanding of the works studied. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10232 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Browning M	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
10233 350 ONLINE	-----	-	01/22/19-05/24/19	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
10234 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 314	Luthi G	Closed

ENGL 224 - Creative Writing Workshop

In this class, students will build upon the knowledge and skills learned in ENGL 223. This course offers serious writing students the opportunity to continue growing as writers and readers by studying the art of writing, producing a consistent body of writing, examining one another's work and providing a supportive environment. Students may meet the written requirements of the course by writing poetry, fiction, creative nonfiction, dramatic scripts or any combination of the genres. Students will provide written and oral critiques of their classmates' work. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 223

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10237 001 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	ATB 133	Luthi G	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
10238 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 130	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 fictional precedents of the short story; the similarities and differences between the short story and other narrative forms, such as the novel; the differences between the short story and its historical precedents, between short stories and film adaptations of them, and between commercial and literary short stories. Students will discover the place of short stories in major literary movements, the key elements of short stories and interpretive approaches to short stories. 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
10240 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	ITC 183	Harris S	Closed

Special Focus

Note: This section of Introduction to Fiction will be taught with a Crime Fiction focus. The works of Edgar Allen Poe and Arthur Conan Doyle will figure prominently. The class will move from early crime fiction masters like Charles Dickens, Victor Hugo, and Fyodor Dostoevsky to more contemporary authors like Agatha Christie, Dashiell Hammett, and others, including recent film adaptations. For further information, contact Dr. Harris, sharris@jccc.edu.

10244 003 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	ATB 134	Davis D	Closed
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Special Focus

Note: This Introduction to Fiction course focuses on the literary genre of Fantasy. All poems, plays and fiction will be representative of that genre. Along with the structural elements of the various forms, we will also look at what defines Fantasy as a genre. For further information, please contact Prof. Dave Davis, ddavis@jccc.edu.

10245 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Funari A	Closed
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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
10246 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 242	Senter M	Closed
10247 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 242	Senter M	Closed
10248 003 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	CC 314	McLeod D	Closed

ENGL 235 - Drama as Literature

This course introduces students to the analysis of plays as literature. Beginning with the Greek dramatists and ending with the contemporary scene, students will read full-length plays and the comments of playwrights, directors, actors and critics. They will analyze drama from psychological, historical, philosophical, structural and dramatic perspectives. Students will write essays demonstrating their understanding of the works studied. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10249 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Werkmeister S	Closed

ENGL 244 - Literature of American Popular Music

Students read, analyze, evaluate and discuss the literature surrounding American popular music. No less than any other form of literature, all genres of American popular music are intertwined, engaged in dialogue and revealing of the American experience. By engaging with, comparing and evaluating the conversations between popular music and fiction, poetry and criticism, students will explore the social, historical, political and cultural contexts relevant to the literature. Through this process, students will discover, analyze, synthesize and evaluate the ongoing negotiations between a great diversity of cultural aesthetics, political interests and public opinions in the shaping of American identity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10250 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 130	Alexander D	Closed

ENGL 247 - American Literature II

This survey course is a stand-alone course which need not be taken after American Literature I, covering the pre-Colonial period through the post-Civil War era. American Literature II presents a series of literary works by American writers that reflects the attitudes and identity of our national literature and culture from the post-Civil War era to the present. 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 and are still influencing America's national literary identity. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10251 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Davis D	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
10252 350 ONLINE	-----	-	01/22/19-05/24/19	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
11168 001 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	ITC 181	Johnson S	Closed
	Lab -----	-	01/23/19-05/24/19	ITC 124		

Can take MATH 171 as a Prerequisite OR Corequisite. * COURSE DESCRIPTION: 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.

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
11170 001 F2F	M-W----	12:30-01:45 PM	01/23/19-05/24/19	ITC 181	Johnson S	Closed

ENGR 254 - Dynamics

Upon successful completion of this course, the student should be able to apply the principles of dynamics, the branch of engineering mechanics that studies objects in motion. Topics covered will include unbalanced force systems (Newton's second law), displacement, velocity and acceleration, work and energy, and impulse and momentum. Computer applications may be included. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGR 251

Outline (http://catalog.jccc.edu/coursedescriptions/engr/#ENGR_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11173 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	ITC 181	Johnson S	Closed

Entrepreneurship

ENTR 120 - Introduction to Entrepreneurship

The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy. The student will evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, the student will review the challenges and rewards of entrepreneurship as a career choice as well as entrance strategies to accomplish such a choice.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12235 001 F2F	-T-----	02:00-05:10 PM	03/26/19-05/14/19	GEB 254	Magnant J	Closed
12236 350 ONLNE	-----	-	03/25/19-05/19/19	Online	Grandgenett C	Closed

ENTR 130 - Entrepreneurial Mindset

Upon successful completion of this course, the student will be introduced to the entrepreneurial mindset in its true economic and social context by studying the unlimited opportunities that an entrepreneurial mindset can provide. The student will study the skills, attitudes and behaviors that successful entrepreneurs have historically possessed, as well as the issues, circumstances and obstacles that shaped their time. Additionally, the student will analyze modern-day successful entrepreneurs who faced hardship and adversity by embracing an entrepreneurial mindset. The characteristics of the entrepreneurial mindset will be dissected and applied to the student's own mindset and entrepreneurial potential. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12238 350 ONLNE	-----	-	01/22/19-03/17/19	Online	Magnant J	Closed

ENTR 131 - Financial Management for Small Business

Upon successful completion of this course, the student should be able to identify and evaluate the various sources available for funding a small business; demonstrate an understanding of financial terminology; read, prepare and analyze a financial statement; and write a loan proposal. In addition, the student should be able to explain the importance of working capital and cash management. The student should also be able to identify financing needs, establish credit policies, and prepare sales forecasts. This course is required for a vocational certificate and associate of applied science degree in business entrepreneurship. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: ACCT 111 or ACCT 121

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12239 001 F2F	---R---	06:00-09:10 PM	03/28/19-05/16/19	GEB 258	Sutton D	Closed

SB 155 Excel in CTE

ENTR 142 - Business Plan

Upon successful completion of this course, the student will be able to evaluate a business concept and write a sound business plan. In the process of doing so, students will be able to assess the strengths and weaknesses of a business concept, collect and organize market research data into a marketing plan, and prepare the financial projects for their business concept. In addition, students will be able to identify and evaluate various resources available for funding small businesses. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12240 350 ONLNE	-----	-	03/25/19-05/19/19	Online	Addressi J	Closed
	M-----	06:00-09:10 PM	04/01/19-04/01/19	GEB 242		

Mandatory Classroom Meetings

ENTR 160 - Legal Issues for Small Business

Upon successful completion of this course, the student should be able to identify the forms of business ownership and the legal and tax implications for each. In addition, the student should be able to explain laws covering issues such as personnel, contracts and protection of intellectual property. The student should also be able to explain the reporting requirements for local, state and federal agencies. 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
12241 350 ONLNE	-----	-	03/25/19-05/19/19	Online	Magnant J	Closed

ENTR 180 - Opportunity Analysis

Upon successful completion of this course, the student should be able to assess the current economic, social and political climate for small businesses. In addition, the student should be able to explain how demographic, technological and social changes create opportunities for small business ventures. 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
12894 960 ONLINE	-----	-	02/04/19-04/07/19	Online	Gallagher K	Closed

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
12244 500 INT	-----	-	01/22/19-05/24/19		Magnant J	24 of 25

Requirement: Department approval

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
12334 001 F2F	M-W----	10:30-11:50 AM	01/23/19-05/24/19	RC 342	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						
12335 002 F2F	-T-R---	10:30-11:50 AM	01/22/19-05/24/19	OCB 374	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						
12336 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Benjamin B	Closed
<i>SB 155 Excel in CTE</i>						

FASH 122 - Aesthetics for Merchandising and Design

Upon successful completion of this course, the student should be able to demonstrate an understanding and apply the concept of aesthetics as it relates to the different roles of the apparel industry and the development, selection and promotion of apparel and textile products. The student will incorporate the principles and elements of design into projects designed to apply their aesthetic knowledge. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12337 001 F2F	M-W----	09:00-10:20 AM	01/23/19-05/24/19	OCB 374	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						
12339 002 F2F	-T-R---	09:00-10:20 AM	01/22/19-05/24/19	OCB 374	Michaelis A	Closed
<i>SB 155 Excel in CTE</i>						

FASH 123 - Apparel Construction I

Upon successful completion of this course, the student should be able to apply clothing construction principles, techniques and skills in apparel construction. The class will use lecture, demonstration and hands-on experience to teach the skills needed to plan and construct four garments during this class. 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
12340 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	OCB 306	Behnen M	Closed
<i>SB 155 Excel in CTE</i>						
12341 002 F2F	-T-R---	01:00-03:50 PM	01/22/19-05/24/19	OCB 306	Peter S	Closed
<i>SB 155 Excel in CTE</i>						
12343 003 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	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
12344 001 F2F	M-W----	09:00-11:50 AM	01/23/19-05/24/19	OCB 306	Peter S	Closed
<i>SB 155 Excel in CTE</i>						
12345 002 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	OCB 306	Delaney G	Closed
<i>SB 155 Excel in CTE</i>						
12348 004 F2F	----F--	11:00-05:00 PM	01/25/19-05/24/19	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
12350 001 F2F	---R---	03:00-05:50 PM	01/24/19-05/24/19	GEB 354	Thacker W	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
12352 001 F2F	M-W----	01:30-02:50 PM	01/23/19-05/24/19	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
12353 001 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	GEB 354	Behnen M	Closed

SB 155 Excel in CTE

12354 002 F2F	-T-R---	06:00-08:50 PM	01/22/19-05/24/19	GEB 354	Hillen D	Closed
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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
12355 001 F2F	M-W----	12:00-01:20 PM	01/23/19-05/24/19	OCB 374	Rhodes J	Closed

SB 155 Excel in CTE

FASH 143 - Tailoring

Upon successful completion of this course, the student should be able to apply advanced construction principles, techniques and skills in the production of tailored garments. This course is a continuation of FASH 124, Apparel Construction II. The class will use lecture, demonstration and hands-on experience as the student completes a trial muslin for a jacket or coat plus a finished three-piece ensemble of advanced complexity during this class. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$100 to 300

Prerequisite: FASH 124

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12356 001 F2F	----F--	11:00-05:00 PM	01/25/19-05/24/19	OCB 306	Delaney G	Closed

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
12357 001 F2F	-T-R---	12:00-01:20 PM	01/22/19-05/24/19	OCB 374	Hillen D	Closed

SB 155 Excel in CTE

12358 350 ONLNE	-----	-	01/22/19-05/24/19	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
12359 001 F2F	-T-R---	11:00-12:50 PM	01/22/19-05/24/19	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
12360 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Benjamin B	Closed

FASH 225 - Store Planning

Upon successful completion of this course, the student should be able to demonstrate the skills needed to plan and execute the display methods and store planning concepts for promoting merchandise within a large or small store interior. These plans will use the student's understanding of design, fixtures, traffic patterns, floor sets, graphics/signage and materials. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FASH 125

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12361 001 F2F	M-----	05:00-08:00 PM	01/28/19-05/24/19	OCB 374	Thacker W	Closed

SB 155 Excel in CTE

FASH 231 - Merchandising Planning and Control

Upon successful completion of this course, the student should be able to describe the management structure of retail merchandising operations, contrast merchandising functions among various types of retail operations, explain the buying process, explain the financial operations of retail merchandising and apply these principles in computer-simulated case situations. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: MATH 120 or higher

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12362 001 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	OCB 374	Demark M	Closed

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

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
12477 001 F2F	M-W----	03:00-04:20 PM	01/23/19-05/24/19	OCB 374	Reynolds J	Closed

SB 155 Excel in CTE

FASH 255 - Apparel Specification Technology

Upon successful completion of this course, the student should be able to define the critical components of an apparel technical package and its importance in the product development process. Students will use industry product lifecycle management software to develop a detailed apparel technical package. The class will use lecture, demonstration and hands on experience. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FASH 131 and FASH 133

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12363 001 F2F	M-W----	10:30-11:45 AM	01/22/19-05/24/19	OCB 374	Michaelis A	Closed

SB 155 Excel in CTE

FASH 268 - Field Study: The Market Center

Upon successful completion of this course, the student should be able to identify and distinguish between national, regional and local retail market centers. In addition, the student should be able to explain the importance of market centers, analyze the marketing mix of selected retailers and describe uses of fashion auxiliary services. This is a suggested course for the Fashion Merchandising program. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Associated Costs: \$900

Prerequisite: FASH 121

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12364 376 HYB	----F--	09:00-10:50 AM	01/25/19-05/24/19	OCB 374	Michaelis A	Closed

SB 155 Excel in CTE

FASH 275 - Fashion Portfolio Development

Students will compile, select and create new material for their portfolio as well as evaluate their own competencies and strengths. In addition, students will create a resume and perform a mock interview to be reviewed by faculty and peers. 1 hr. lecture/wk.

Credit Hours: 1

Prerequisites: FASH 121 and FASH 124 and FASH 270

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12365 001 F2F	-T-----	01:30-02:20 PM	01/22/19-05/24/19	OCB 374	Michaelis A	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
12366 001 F2F	--W----	01:00-02:50 PM	01/30/19-05/24/19	GEB 354	Demark M	Closed

FASH 282 - Fashion Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual employment opportunity. This course offers work experience under instructional supervision and is designed to provide practical experience in the fashion industry. Successful completion of this course requires a minimum of 180 hours on-the-job training per semester. This is a repeatable course and may be taken more than once for credit.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12368 500 INT	-----	-	01/22/19-05/24/19		Rhodes J	10 of 32

SB 155 Excel in CTE

FASH 295 - Capstone: Merchandising and Marketing

This course is a culmination of the Fashion Merchandising and Marketing program course work. It should be taken after completing at least 40 credit hours toward the AAS degree in preparation for graduation. The student will have opportunities to apply knowledge gained in prior courses analyzing industry topics. This capstone course will review and evaluate competencies that are essential for employment in the fashion industry. Students will prepare a resume and digital portfolio of work to be presented in a professional manner. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_295)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12525 001 F2F	M-W----	09:00-10:20 AM	01/23/19-05/24/19	GEB 354	Rhodes J	Closed

SB 155 Excel in CTE

FASH 296 - Capstone: Apparel Design and Technology

This course is a culmination of the Apparel Design and Technology program course work. It should be taken after completing at least 40 credit hours toward the AAS degree in preparation for graduation. The student will have opportunities to apply knowledge gained in prior courses to analyze industry topics. This capstone course will review and evaluate competencies that are essential for employment in the fashion industry. Students will prepare a resume and present their digital portfolio of work in a professional manner. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/fash/#FASH_296)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12526 001 F2F	-T-R---	09:00-10:20 AM	01/22/19-05/24/19	GEB 354	Rhodes J	Closed

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
11836 201 F2F	-TWR---	05:30-09:10 PM	01/22/19-05/23/19	 OPF	Thomas N Wigginton T Foster M Crain B Wells B Heideman J	Closed
	----S-	08:30-12:30 PM	01/26/19-05/18/19	 OPF		

SB 155 Excel in CTE

FIRE 136 - Fire and Emergency Management

Managing resources is a part of every incident. The ability to manage these resources is crucial in safely and effectively mitigating the incident. Organizations must have a system in place prior to the incident, which will facilitate the management of resources. Federal legislation mandates organizations, which respond to hazardous materials incidents, use an incident management system. This course provides information about incident management systems, as well as pursues issues wherein it needs to be utilized. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11837 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Thomas N	Closed

SB 155 Excel in CTE

FIRE 152 - Codes/Detection and Suppression Systems

This course will provide a basis for students to become familiar with and utilize fire codes that are in use today. It will also provide students with basic knowledge of detection and suppression systems that are an ever increasing part of fire control today. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11838 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Thomas N	Closed

SB 155 Excel in CTE

FIRE 201 - Leadership in the Fire Service

This is a course that will delve into leadership as defined and utilized in the fire service setting. It will review many types of leaders and the qualities that make them leaders. It will also provide students insight into the type of leaders they may see in the fire service as well as provide them with role models for their use as future fire service leaders. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: FIRE 110 or FIRE 120

Outline (http://catalog.jccc.edu/coursedescriptions/fire/#FIRE_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11839 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Thomas N	Closed

SB 155 Excel in CTE

Foreign Language

FL 121 - Elementary German II

This course will continue the presentation of the vocabulary and basic structural patterns begun in Elementary German I with continued emphasis on the development of listening comprehension, speaking, reading and writing skills. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 120 or one year of high-school German

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10528 001 F2F	-T-R---	12:30-02:40 PM	01/22/19-05/24/19	SCI 118	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
10529 001 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	CC 224	Wolff C	Closed
<i>KBOR Seamless Transfer</i>						
10534 002 F2F	M-W-F--	09:00-10:25 AM	01/23/19-05/24/19	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
10536 003 F2F	M-W-F--	12:00-01:25 PM	01/23/19-05/24/19	CC 224	Stephenson K	Closed
<i>KBOR Seamless Transfer</i>						
10543 005 F2F	M-W----	06:00-08:25 PM	02/04/19-05/24/19	CC 216	Thornton S	Closed
<i>KBOR Seamless Transfer</i>						
10544 006 F2F	-T-R---	08:30-10:40 AM	01/22/19-05/24/19	CC 224	Hillen J	Closed
<i>KBOR Seamless Transfer</i>						
10545 007 F2F	-T-R---	01:30-03:40 PM	01/22/19-05/24/19	CC 224	Sommerville S	Closed
<i>KBOR Seamless Transfer</i>						
10548 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Wolff C	Closed
<i>KBOR Seamless Transfer</i>						
Note: This course is designed for students who have some knowledge of Spanish, but are not ready for Elementary Spanish II. It is ideal for independent learners who have excellent computer skills. This is NOT a self-paced course and students must be willing to meet online with the instructor on a weekly basis. You will need to contact the instructor within 10 days of enrolling. For more information, contact Tina Wolff at 913-469-8500, ext. 3513.						

10549 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Sommerville S	Closed
<i>KBOR Seamless Transfer</i>						
Note: This course is designed for students who have some knowledge of Spanish, but are not ready for Elementary Spanish II. It is ideal for independent learners who have excellent computer skills. This is NOT a self-paced course and students must be willing to meet online with the instructor on a weekly basis. You will need to contact the instructor within 10 days of enrolling. For more information, contact Samuel Sommerville at 913-469-8500, ext. 4586.						

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
10550 001 F2F	MTWRF--	09:00-09:50 AM	01/22/19-05/24/19	SCI 218	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10551 002 F2F	M-W-F--	12:00-01:25 PM	01/23/19-05/24/19	CC 323	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
10553 004 F2F	-T-R---	06:00-08:10 PM	01/22/19-05/24/19	CC 323	Finnie J	Closed
<i>KBOR Seamless Transfer</i>						

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
10648 001 F2F	M-W-F--	09:30-10:55 AM	01/23/19-05/24/19	GEB 281	Verzhbytska I	Closed
<i>KBOR Seamless Transfer</i>						
10649 002 F2F	-T-R---	12:30-02:40 PM	01/22/19-05/24/19	GEB 281	Perriguy-Keene H	Closed
<i>KBOR Seamless Transfer</i>						

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
12799 003 F2F	M-W-F--	12:30-01:55 PM	01/22/19-05/24/19	GEB 281	Perriguy-Keene H	Closed
<i>KBOR Seamless Transfer</i>						

FL 151 - Elementary Russian II

This course completes the presentation begun in Elementary Russian I. Students will gain listening comprehension, speaking, reading and writing skills appropriate to a second-level course. This course is taught in the spring semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 150 or one year of high-school Russian

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10652 001 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	GEB 281	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
10701 001 F2F	M-W-F--	10:00-11:25 AM	01/23/19-05/24/19	CC 323	Rumbach K	Closed
10705 002 F2F	M-W----	07:00-09:10 PM	01/23/19-05/24/19	GEB 281	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
10709 002 F2F	M-W----	06:00-08:10 PM	01/23/19-05/24/19	CC 323	James E	Closed

FL 180 - Elementary American Sign Language I

This class will focus on the development of beginning American Sign Language communication skills. Comprehension skills and linguistic features of the language taught in context will be emphasized. 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
12424 001 F2F	M-W-F--	12:00-01:50 PM	01/23/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12427 002 F2F	M-W-F--	01:00-02:50 PM	01/23/19-05/24/19	GEB 215	Luton D	Closed
<i>SB 155 Excel in CTE</i>						
12428 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	GEB 215	Horn-Marsh P	Closed
<i>SB 155 Excel in CTE</i>						
12429 004 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12430 005 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	GEB 311	Symansky R	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
12432 001 F2F	M-W-F--	09:00-10:50 AM	01/23/19-05/24/19	GEB 311	Kuhns K	Closed
<i>SB 155 Excel in CTE</i>						
12433 002 F2F	M-W-F--	02:00-03:50 PM	01/23/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						
12434 003 F2F	M-W----	06:00-08:50 PM	01/23/19-05/24/19	GEB 311	Symansky R	Closed
<i>SB 155 Excel in CTE</i>						

FL 182 - Intermediate Japanese I

This course continues the study of Japanese language and culture, emphasizing the sounds, vocabulary, grammar, usage and readings of the Japanese language. The course concentrates on developing further advanced conversational skills by increasing vocabulary and variety of sentence patterns. Cultural understanding will also be stressed. This course is typically taught in the fall semester. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 171 or two years of high-school Japanese and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_182)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10711 001 F2F	-T-R---	07:00-09:10 PM	01/22/19-05/24/19	GEB 281	Grass K	Closed

FL 221 - Intermediate German II

This class will further expand the mastery of German vocabulary and structure through extensive reading of more advanced texts with 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 220 or three years of high-school German

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10658 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 325	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
10664 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	SCI 124	Alvarez L	Closed
<i>KBOR Seamless Transfer</i>						
10665 002 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	CC 216	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
10666 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GP 102	Gonzalez E	Closed
10667 002 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	CC 331	Sommerville A	Closed

FL 241 - Intermediate French II

In this class, students continue their in-depth study of French grammar and improvement of vocabulary. All four communication skills (listening, speaking, reading, and writing) continue to be emphasized as reading assignments, compositions, listening comprehension exercises and class discussion become more complex. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 240 or three years of high-school French

Outline (http://catalog.jccc.edu/coursedescriptions/fl/#FL_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10660 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 332	Verzhbytka 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
12467 002 F2F	-T-R---	11:00-01:50 PM	01/22/19-05/24/19	GEB 215	Luton D	Closed

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/fl/#FL_288)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10668 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 331	Schmidt I	Closed

Note: For more information and departmental approval contact Samuel Sommerville at ssommerv@jccc.edu, 913-469-8500, ext. 4586 or Tina Wolff at cdecasqu@jccc.edu, 913-469-8500, ext. 3513

Floriculture

FLR 200 - Plants for Interior Design

This course discusses the basic aspects of healthy plant growth, including the functions of the root system and the leaf. Photosynthesis, respiration, and transpiration are explained, and the factors that affect these processes are discussed. Students will also learn Plant Nomenclature (common names and scientific names) for many plants. Students will be able to diagnose an unhealthy plant and determine the necessary steps needed to take to bring it back to health. The course will help students obtain a greater appreciation of foliage and blooming plants and understand their role in improving the interior environment. 2 hrs.lecture and 3 hrs instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12543 001 F2F	-T-----	12:00-01:50 PM	01/22/19-05/24/19	HSC 121	Ryan D	Closed
	Lab ---R---	12:00-02:50 PM	01/24/19-05/24/19	HSC 124		

SB 155 Excel in CTE

FLR 220 - Wedding Design

This course will focus on traditional and contemporary wedding designs. Because weddings often constitute a large portion of a florist's business, it is imperative that students become proficient in various wedding designs, and be trained in many specialized arranging techniques. The course covers steps in creating the bridal bouquet, including round, crescent, cascade, triangle, and hand tied. Corsage construction, hair pieces, and other accessories will be discussed. Marketing and promotional efforts to build the wedding business will also be discussed. 2 hrs. lecture 3 hrs instructional lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11664 001 F2F	-T-----	09:00-10:50 AM	01/22/19-05/24/19	HSC 121	Ryan D	Closed
	Lab ---R---	09:00-11:50 AM	01/24/19-05/24/19	HSC 124		

SB 155 Excel in CTE

FLR 250 - Special Event Designs

This course will focus on large scale designs to include large buffet florals, themed designs, sympathy designs, large altar and reception florals. The student will learn how to combine flowers using texture, shape and color for different effects. Interesting ways to use foliage, twigs, mosses and other accessory materials will be presented along with different uses of ribbon. The student will learn to create large scale designs within a specified budget. 2 hrs. lecture and instructional 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$100

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11665 001 F2F	-T-----	03:00-04:50 PM	01/22/19-05/24/19	HSC 121	Goodwin N	Closed
	Lab ---R---	03:00-05:50 PM	01/24/19-05/24/19	HSC 124		

SB 155 Excel in CTE

FLR 270 - Retail Flower Shop Operations

This course will focus on the retail operation of a flower shop. Students will explore the various types of flower shops. Topics will include marketing strategies, advertising and promotion, selling skills and merchandising. In addition, students will learn about employee relations, delivery services, public relations, management, florist computer software, buying and pricing. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: FLR 130 or FLR 150

Outline (http://catalog.jccc.edu/coursedescriptions/flr/#FLR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11666 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Ryan D	Closed

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
10998 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	LIB 353B	Hughes T	Closed
10999 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 229	Swanson C	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
11000 001 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 207	Hughes T	Closed
12536 002 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 203	Swanson C	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
11001 001 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	FADS 207	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
10611 001 F2F	M-W----	10:00-11:15 AM	01/23/19-05/24/19	RC 378	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						
10612 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Kitchin D	Closed
<i>SB 155 Excel in CTE</i>						

GAME 104 - Introduction to Game Development

This course covers the basics of game design and production. Topics include the fundamentals of managing game development, development of a plan for a game, the game production process, the history and business of games, and the various job roles in the industry. 1hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10613 001 F2F	----F--	10:00-10:50 AM	01/25/19-05/24/19	RC 378	Patterson J	Closed
<i>SB 155 Excel in CTE</i>						
10614 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Lane L	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
10615 001 F2F	-T-R---	10:00-11:15 AM	01/22/19-05/24/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
10626 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Lane L	Closed
<i>SB 155 Excel in CTE</i>						

GAME 120 - Game Design I

This course is designed to give people who are interested in creating games the foundations they need to create fun, engaging experiences for players. Students will learn the basics behind creating compelling and entertaining experiences for players. The four key focuses will be on fun, theme, mechanics, and essential experience. During the course students will create a complete game. 4 hrs. lecture/wk.

Credit Hours: 4

Associated Costs: \$25-\$70

Prerequisites: GAME 104 and GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10627 001 F2F	M-W----	01:30-02:50 PM	01/23/19-05/24/19	RC 378	Fleming R	Closed
	----F--	01:30-03:50 PM	01/25/19-05/24/19	RC 378		

SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaid@jccc.edu.

GAME 121 - Game Programming I

This course is designed to present skills and provide hands-on experience required to create basic three-dimensional games. Typical topics will include 3D engine evaluation, differences between platforms, core game logic, proper use of external assets, and publishing. Typical tasks will include configuration and installation of 3D engines, creating several games, integration of non-programming assets, and exercises that will highlight important game programming concepts. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: CIS 142 and GAME 104 and GAME 105 Corequisite: CS 201

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10629 001 F2F	M-W----	02:00-05:45 PM	01/23/19-05/24/19	OCB 106	Seymour T	Closed

SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaid@jccc.edu.

GAME 131 - User-Centered Design

This course will cover the uses of custom-built tools in game development. It will also cover how to gather the requirements for tools and build them. 3 hrs. lecture and 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$25-\$75

Prerequisite: CIS 142 Corequisite: GAME 121

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10630 001 F2F	-T-R---	06:00-07:20 PM	01/22/19-05/24/19	RC 378	Smith S	Closed

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

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaids@jccc.edu.

GAME 132 - Game Level Editing

This course will cover how to create a prototype level, place interactive elements, and script the general gameplay and flow of the level. Upon successful completion of the course students will have created a fully playable game level. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10631 001 F2F	MTWRF--	08:00-08:50 AM	01/22/19-05/24/19	RC 378	Fleming R	Closed
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SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaids@jccc.edu.

10632 002 F2F	MTWRF--	11:30-12:15 PM	01/22/19-05/24/19	RC 378	Fleming R	Closed
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SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaids@jccc.edu.

GAME 136 - Game Prototyping

This course will cover the best practices and techniques for rapidly creating prototypes. Students will learn how to focus prototyping efforts on specific game play areas and how to evaluate the success and failure of a prototype. Multiple prototypes will be created during the semester. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisite: GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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10633 001 F2F	MTWRF--	09:00-09:50 AM	01/22/19-05/24/19	RC 378	Fleming R	Closed
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SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaids@jccc.edu.

10634 002 F2F	MTWRF--	12:30-01:15 PM	01/22/19-05/24/19	RC 378	Fleming R	Closed
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SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaids@jccc.edu.

GAME 180 - Artificial Intelligence for Games

Upon successful completion of this course, students should be able to deconstruct simple program scripts within a game engine illustrating introductory concepts in artificial intelligence (AI) as applied to computer games. The students will define terms and application areas in the field, and describe game representation and implementation techniques used in artificial intelligence for games. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: CIS 142 and GAME 105

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10635 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
10636 002 F2F	M-W----	03:00-04:15 PM	01/23/19-05/24/19	RC 378	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						

GAME 238 - Serious Game Design

In this course, students will examine the various aspects of serious games and how games have outgrown being just a source of entertainment. Students will study educational games, training simulations, and games for change. Students will also complete a basic educational game prototype. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: GAME 220

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10637 001 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	RC 378	Seymour T	Closed
<i>SB 155 Excel in CTE</i>						
Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu , Veterans Office at Veteranservices@jccc.edu , or Financial Aid at finaid@jccc.edu .						

GAME 250 - Game Capstone

This course is designed for students to apply the foundations of game design and game programming to a significant original game. Students will work within a team to analyze a problem, develop and present a proposed game design document, build a demonstrable prototype of the game and develop a significant portion of the finished product. Students should also develop a project schedule and present progress information to the class. Students should also develop job search skills and both written and oral communication skills. 3 hrs. lecture and 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisites: GAME 180 and GAME 220 or GAME 221 and GAME 242

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10638 001 F2F	M-W----	10:00-11:50 AM	01/23/19-05/24/19	OCB 106	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						
10639 002 F2F	M-W----	12:00-01:50 PM	01/23/19-05/24/19	OCB 106	Hanna R	Closed
<i>SB 155 Excel in CTE</i>						

GAME 255 - Mobile Game Programming

This course is designed for students who want to learn mobile device game programming. The students will learn the various limitations on mobile devices and the options available for programming them. They will create a 2D game for mobile devices. 5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisites: GAME 221

Outline (http://catalog.jccc.edu/coursedescriptions/game/#GAME_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10640 001 F2F	M-W----	06:00-08:15 PM	01/23/19-05/24/19	OCB 106	Seymour T	Closed

SB 155 Excel in CTE

Note: If you are receiving Veterans, financial aid or other financial tuition assistance, please confirm your Game degree option track before enrolling. For questions, contact Russ Hanna, Game Chair, at rhanna@jccc.edu, Veterans Office at Veteranservices@jccc.edu, or Financial Aid at finaid@jccc.edu.

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
11699 001 F2F	-T-----	06:00-08:50 PM	01/29/19-01/29/19	FADS 213	Hawkins P	Closed
	---R---	06:00-08:50 PM	01/31/19-01/31/19	GEB 233		
	-T-----	06:00-08:50 PM	02/12/19-02/12/19	FADS 213		
	---R---	06:00-08:50 PM	02/14/19-02/14/19	GEB 233		
	-T-----	06:00-08:50 PM	02/26/19-02/26/19	FADS 213		
	---R---	06:00-08:50 PM	02/28/19-02/28/19	GEB 233		
	-T-----	06:00-08:50 PM	03/12/19-03/12/19	FADS 213		
	---R---	06:00-08:50 PM	03/14/19-03/14/19	GEB 233		
	-T-----	06:00-08:50 PM	03/26/19-03/26/19	FADS 213		
	---R---	06:00-08:50 PM	03/28/19-03/28/19	GEB 233		
	-T-----	06:00-08:50 PM	04/09/19-04/09/19	FADS 213		
	---R---	06:00-08:50 PM	04/11/19-04/11/19	GEB 233		
	-T-----	06:00-08:50 PM	04/23/19-04/23/19	FADS 213		
	---R---	06:00-08:50 PM	04/25/19-04/25/19	GEB 233		
	-T-----	06:00-08:50 PM	05/07/19-05/07/19	FADS 213		
	---R---	06:00-08:50 PM	05/09/19-05/09/19	GEB 233		
11700 002 F2F	---R---	02:30-05:20 PM	01/31/19-01/31/19	FADS 213	Hawkins P	Closed
	---R---	06:00-08:50 PM	01/31/19-01/31/19	GEB 233		
	---R---	02:30-05:20 PM	02/14/19-02/14/19	FADS 213		
	---R---	06:00-08:50 PM	02/14/19-02/14/19	GEB 233		
	---R---	02:30-05:20 PM	02/28/19-02/28/19	FADS 213		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	---R---	06:00-08:50 PM	02/28/19-02/28/19	GEB 233		
	---R---	02:30-05:20 PM	03/14/19-03/14/19	FADS 213		
	---R---	06:00-08:50 PM	03/14/19-03/14/19	GEB 233		
	---R---	02:30-05:20 PM	03/28/19-03/28/19	FADS 213		
	---R---	06:00-08:50 PM	03/28/19-03/28/19	GEB 233		
	---R---	02:30-05:20 PM	04/11/19-04/11/19	FADS 213		
	---R---	06:00-08:50 PM	04/11/19-04/11/19	GEB 233		
	---R---	02:30-05:20 PM	04/25/19-04/25/19	FADS 213		
	---R---	06:00-08:50 PM	04/25/19-04/25/19	GEB 233		
	---R---	02:30-05:20 PM	05/09/19-05/09/19	FADS 213		
	---R---	06:00-08:50 PM	05/09/19-05/09/19	GEB 233		

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
11701 001 F2F	--W----	12:00-05:15 PM	01/30/19-05/24/19	FADS 220	Erickson-Harper T	Closed

SB 155 Excel in CTE

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
11702 001 F2F	----F--	01:30-06:45 PM	01/25/19-05/24/19	FADS 219	Hetler C	Closed

SB 155 Excel in CTE

11703 002 F2F	-T-----	12:00-05:15 PM	01/22/19-05/24/19	FADS 220	Erickson-Harper T	Closed
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SB 155 Excel in CTE

12579 003 F2F	---R---	12:00-05:15 PM	01/24/19-05/24/19	FADS 220	Brigham P	Closed
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SB 155 Excel in CTE

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
11704 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 220	Nemer T	Closed

SB 155 Excel in CTE

GDES 134 - Layout Design

This course will provide a basic study of layout elements. Students will acquire the skills necessary to produce layouts. These skills include photographic indication techniques, comp lettering, advertising and editorial grid systems and electronic page design. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: GDES 132

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11705 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 216	Coppess J	Closed
11706 002 F2F	-T-----	12:00-05:15 PM	01/22/19-05/24/19	FADS 216	Coppess J	Closed
11707 003 F2F	----F--	08:00-01:15 PM	01/25/19-05/24/19	FADS 219	Neuman C	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

SB 155 Excel in CTE

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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11708 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 219	Kidwell M	Closed

SB 155 Excel in CTE

GDES 236 - Electronic Production

This course is a continuation of the Production Methods course, providing experience in digital prepress and electronic production techniques. The student will apply production skills to problems of professional scope and complexity, including specialty processes, trapping and color separation. Preparation of graphic files for screen presentation and for the Web will be explored. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11710 001 F2F	M-W----	06:00-08:45 PM	01/23/19-05/24/19	FADS 219	Kramer R	Closed

SB 155 Excel in CTE

11711 002 F2F	M-W----	06:00-08:45 PM	01/23/19-05/24/19	FADS 216	Stadler L	Closed
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SB 155 Excel in CTE

11712 003 F2F	M-W----	06:00-08:45 PM	01/23/19-05/24/19	FADS 220	Johns J	Closed
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SB 155 Excel in CTE

GDES 244 - Communication Systems

This course will explore the scope and potential of graphic design as a vehicle for visual communication in contemporary society. Signs and symbols, as well as communicative power of typographic, hand graphic and photographic modes, will be studied. Traditional and electronic methods will be used to develop projects. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11713 001 F2F	M-----	12:00-05:15 PM	01/28/19-05/24/19	FADS 216	Kidwell M	Closed

SB 155 Excel in CTE

11714 002 F2F	---R---	12:00-05:15 PM	01/24/19-05/24/19	FADS 219	Kidwell M	Closed
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SB 155 Excel in CTE

11715 003 F2F	--W----	12:00-05:15 PM	01/30/19-05/24/19	FADS 219	Coppess J	Closed
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SB 155 Excel in CTE

GDES 245 - Advanced Design Practice

This course will focus on the use of the student's total design capability and technical knowledge in solving graphic design problems of professional scope and complexity. Students will have the opportunity to work with three art directors and produce three professional projects for potential inclusion in their portfolios. This course is typically offered in the spring semester only. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisites: GDES 230 and GDES 231 and GDES 235

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11716 001 F2F	-T-R---	06:00-08:45 PM	01/22/19-05/24/19	FADS 219	Munchoff K	Closed
<i>SB 155 Excel in CTE</i>						
11717 002 F2F	-T-R---	06:00-08:45 PM	01/22/19-05/24/19	FADS 216	Jones R	Closed
<i>SB 155 Excel in CTE</i>						
11718 003 F2F	-T-R---	06:00-08:45 PM	01/22/19-05/24/19	FADS 220	Rice E	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
11719 001 F2F	M-----	12:00-05:15 PM	01/28/19-05/24/19	FADS 219	Wilson N	Closed
11720 002 F2F	-T-----	12:00-05:15 PM	01/22/19-05/24/19	FADS 219	Wilson N	Closed
11721 003 F2F	---R---	12:00-05:15 PM	01/24/19-05/24/19	FADS 216	Jones R	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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11722 500 INT	-----	-	01/22/19-05/24/19		Wilson N	5 of 10

SB 155 Excel in CTE
Requirement: Department approval

GDES 291 - Independent Study

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

Credit Hours: 1

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11723 961 IND	-----	-	01/22/19-05/24/19		Wilson N	8 of 8

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
11562 001 F2F	M-W----	09:00-10:45 AM	01/23/19-05/24/19	CLB 405	Beatty L	Closed
	Lab M-W----	11:00-12:20 PM	01/23/19-05/24/19	CLB 411		
<i>KBOR Seamless Transfer</i>						
11563 002 F2F	-T-R---	10:00-11:45 AM	01/22/19-05/24/19	CLB 405	Beatty L	Closed
	Lab -T-R---	12:00-01:20 PM	01/22/19-05/24/19	CLB 411		
<i>KBOR Seamless Transfer</i>						
11564 380 HYB	-----	-	01/28/19-05/24/19	Online	Frederick B	Closed
	Lab -T-----	06:00-08:40 PM	01/29/19-05/24/19	CLB 411		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						

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
11565 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 412	Harty J	Closed
11566 002 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 412	Maher J	Closed
11567 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Beatty L	Closed
11568 352 ONLNE	-----	-	02/04/19-05/24/19	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
11633 001 F2F	Lab M-W----	01:00-02:50 PM	01/23/19-05/24/19	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
11634 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
11635 002 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
11636 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
11637 004 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 412	Harty J	Closed
<i>KBOR Seamless Transfer</i>						
11638 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Meledge-Ade V	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
11639 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Anderson C	Closed
<i>KBOR Seamless Transfer</i>						
11640 353 ONLINE	-----	-	02/04/19-05/24/19	Online	Roberts C	Closed
<i>KBOR Seamless Transfer</i>						
Note: Late Start Course.						

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
12464 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Summers S	Closed
12465 352 ONLINE	-----	-	01/22/19-05/24/19	Online	Summers S	Closed

HC 125 - International Awareness Field Study

This is a service-learning course. While partnering with a not-for-profit agency, teams of students will deliver service to a community in a developing country that suffers from extreme poverty. The service provided will vary depending on the identified needs of the community. While serving in the developing country, students will gain an understanding of the culture, language and health status of the people. Students will be exposed to the social, political and economic aspects of life that shape the community. Prior to travel, students are required to attend preparation meetings, fund raise and participate in a local service project. 16 hrs. lecture, 40 hrs. field study

Credit Hours: 2

Associated Costs: \$0 to 450

Outline (http://catalog.jccc.edu/coursedescriptions/hc/#HC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12779 001 TRV	----F--	04:00-11:59 PM	01/18/19-01/18/19	TBA	Lanier N	Closed
	----S-	12:01-12:00 PM	01/19/19-01/19/19	TBA		
	M-----	05:00-07:30 PM	02/04/19-02/04/19	CLB 111		
	M-----	05:00-07:30 PM	02/25/19-02/25/19	CLB 111		
	----S-	09:00-12:00 PM	03/09/19-03/09/19	CLB 111		
	MTWRFSU	08:00-05:00 PM	03/15/19-03/22/19	TBA		
	M-----	12:00-03:00 PM	04/22/19-04/22/19	CC 211		

Cultural Diversity Designation

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

Outline (http://catalog.jccc.edu/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12468 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Olsen R	Closed
<i>KBOR Seamless Transfer</i> <i>SB 155 Excel in CTE</i>						
12469 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Olsen R	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12470 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Olsen R	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12459 360 ONLNE	-----	-	01/22/19-05/24/19	Online	Talbert K	Closed
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i> <i>Mandatory Classroom Meetings</i>						
12451 380 HYB	M-----	06:00-07:30 PM	01/28/19-05/20/19	CC 352	Kono S	Closed
	-----	-	01/28/19-05/20/19	Online		
<i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						
12453 381 HYB	---R---	06:00-07:30 PM	01/24/19-05/23/19	CC 352	Kono S	Closed
	-----	-	01/24/19-05/23/19	Online		
<i>KBOR Seamless Transfer</i> <i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>						
12452 382 HYB	-T-----	06:00-07:30 PM	01/29/19-05/21/19	CC 352	Kono S	Closed
	-----	-	01/29/19-05/21/19	Online		
<i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i> <i>Mandatory Classroom Meetings</i>						
12471 383 HYB	--W----	10:30-12:00 PM	01/30/19-05/24/19	 OHEC 217	Wilson D	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i> <i>KBOR Seamless Transfer</i>						

Health Care Interpreting


HCI 130 - Interpreting Skills II

This course develops students' skills in simultaneous interpreting and written translation. 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 with some Spanish terminology and practice. 3 hrs. lecture/wk. This course is taught in the spring semester only.

Credit Hours: 3

Prerequisites: Selective admissions approval and HCI 110 and HCI 120 Corequisite: HCI 140 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/hci/#HCI_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10825 001 F2F	-T-R---	05:30-06:55 PM	01/22/19-05/24/19	 KUCRC	Groneman B	Closed

SB 155 Excel in CTE

HCI 140 - Spanish Medical Interpreting


This course develops the knowledge, techniques and practices needed to function as a bilingual interpreter in a medical environment. Students will be introduced to basic medical conditions, procedures, courses of treatment and equipment, with vocabulary and terminology in both English and Spanish. Upon completion, students should be able to apply medical interpreting and translating techniques in a variety of healthcare settings. This course is taught in English with some Spanish terminology. 3 hrs. lecture/wk. This course is taught in the spring semester only.

Credit Hours: 3

Associated Costs: \$20

Prerequisites: Selective admissions approval and HCI 110 and HCI 120 Corequisite: HCI 130 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/hci/#HCI_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10826 001 F2F	-T-R---	07:00-08:25 PM	01/22/19-05/24/19	 KUCRC	Groneman B	Closed

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
10555 350 ONLINE	-----	-	01/22/19-02/24/19	Online	Cipolla C	Closed
10557 376 HYB	-T-----	06:00-08:50 PM	01/29/19-02/19/19	RC 185	Cipolla C	Closed
	-----	-	01/29/19-02/19/19	Online		

Mandatory Classroom Meetings

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
10558 350 ONLINE	-----	-	01/22/19-02/24/19	Online	Fuller M	Closed
<i>SB 155 Excel in CTE</i>						
10559 351 ONLINE	-----	-	02/25/19-04/07/19	Online	Fuller M	Closed
<i>SB 155 Excel in CTE</i>						

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
10560 350 ONLINE	-----	-	01/22/19-02/24/19	Online	Burge J	Closed
12529 351 ONLINE	-----	-	04/08/19-05/12/19	Online	Burge J	Closed

HCIS 263 - Working with Health Information Technology (HIT) Systems

This course is powered by Cerner architecture to give students an opportunity to work with real technology used in the healthcare environment. This course focuses on the end user experience with emphasis also placed on standards, system usability, security and integration. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10561 350 ONLINE	-----	-	01/22/19-02/24/19	Online	Lingerfelt C	Closed
<i>SB 155 Excel in CTE</i>						

HCIS 264 - Configuration and Implementation of Electronic Health Records

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks in the role of a configuration/implementation analyst in the health information technology (HIT) workplace. This course focuses on designing and building a system with emphasis placed on implementation and configuration. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_264\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_264)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10566 350 ONLINE	-----	-	02/25/19-04/07/19	Online	Lingerfelt C	Closed

SB 155 Excel in CTE

HCIS 265 - Installation and Maintenance of Health IT Systems

This course is powered by Cerner architecture to give students an opportunity to experience real-world tasks typically performed by an electronic health record (EHR) system administrator or support technician. Topics include testing prior to implementation, system configuration and system support. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_265\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10567 350 ONLINE	-----	-	04/08/19-05/12/19	Online	Lingerfelt C	Closed

SB 155 Excel in CTE

HCIS 267 - EHR Design, Functionality and Usability

This course discusses human factors associated with designing and implementing health information systems (HIS). Concepts of usability and the effects of new technology and workflow redesign on downstream processes, such as clinical decision support, will be covered. This course provides an overview of the most utilized electronic health systems. System features are evaluated and compared as they would relate to practical deployments. Key factors such as cost, licensing and staffing are also discussed.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_267\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10569 350 ONLINE	-----	-	01/22/19-03/17/19	Online	Waldschmidt H	Closed

SB 155 Excel in CTE

HCIS 270 - Health Information Systems 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 knowledge and skills acquired in the healthcare information systems (HCIS) courses. An average of 40-60 onsite hours will be required along with class assignments for a total of 90 hrs./semester.

Please note students are responsible for associated costs which may include fees related to background checks, drug screenings, and/or updated immunizations.

Credit Hours: 2

Associated Costs: \$74-\$200

Prerequisite and Corequisite: Enrollment in Health Information Systems (HCIS) coursework and Department approval (It is recommended students complete 10 credit hours of HCIS coursework prior to enrollment.)

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_270\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10570 500 INT	-----	-	01/28/19-05/20/19		Abbot N	1 of 4

SB 155 Excel in CTE
Requirement: Department approval

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
10571 350 ONLNE	-----	-	02/25/19-04/07/19	Online	Lingerfelt C	Closed
10572 351 ONLNE	-----	-	04/08/19-05/12/19	Online	Lingerfelt C	Closed

HCIS 272 - Terminology in Health Care Settings

This course introduces students to terminology and clinical procedures associated with body systems. It also covers terminology related to health information management (HIM), health information technology (HIT), and public health. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10573 350 ONLNE	-----	-	02/25/19-04/07/19	Online	Foley S	Closed

SB 155 Excel in CTE

10574 351 ONLNE	-----	-	04/08/19-05/12/19	Online	Foley S	Closed
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SB 155 Excel in CTE

HCIS 273 - Quality Improvement in Healthcare

This course introduces the concepts of health information technology (HIT) and practice workflow redesign as instruments of quality improvement (QI). Students will learn methods to establish a culture that supports increased quality and safety in healthcare. Approaches to assessing patient safety issues and implementing quality management and reporting through electronic systems will be discussed. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10579 350 ONLNE	-----	-	02/25/19-04/07/19	Online	Lingerfelt C	Closed

SB 155 Excel in CTE

HCIS 274 - Healthcare Workflow Analysis and Redesign

This course introduces healthcare workflow analysis and redesign as a necessary component of complete practice automation. The topics of process validation and change management are also covered. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_274)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10580 350 ONLINE	-----	-	01/22/19-02/24/19	Online	Fuller K	Closed

SB 155 Excel in CTE

HCIS 275 - Health Information Systems

This course addresses concepts of information systems specific to healthcare and public health applications. Students will be introduced to health information technology (HIT) standards, health-related data structures, software applications and enterprise information architecture in healthcare and public health organizations. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10582 350 ONLINE	-----	-	02/25/19-04/07/19	Online	Burge J	Closed

SB 155 Excel in CTE

HCIS 277 - Training and Instructional Design

This course provides participants with essential knowledge and skills to deliver training to adult learners implementing electronic health records (EHRs) in a variety of healthcare settings. The Instructional Systems Design (ISD) model, which includes analysis of the learner and learning environment, design and development of customized education, implementation of the training plan and evaluation of the training program's effectiveness, will be used. 2 hrs lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_277)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10583 350 ONLINE	-----	-	04/08/19-05/12/19	Online	Behraves B	Closed

SB 155 Excel in CTE

History

HIST 120 - Local and Kansas History

This course introduces students to the history of Kansas from the beginning of the Late Ceramic Period (1500) to the present. Emphasis will be on the examination of the living patterns of the various peoples who have inhabited the region during this time. This course will also analyze the social and economic factors and political objectives that transformed the central plains from the domain of the bison-hunting Plains Indian to a society based in a market-agricultural economy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11117 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Antle 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
11118 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 279	Taylor D	Closed
11121 201 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	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
11122 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 279	Taylor D	Closed
11123 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 279	Leiker J	Closed
11125 201 F2F	--W----	06:00-09:00 PM	02/13/19-05/24/19	GEB 279	Roberts M	Closed

HIST 128 - Medieval History

Medieval History is a detailed survey of the period from late Roman Antiquity to the early Renaissance. Primary and secondary texts and visual resources will be used to illuminate the period that saw first the decline into relative stagnation caused by barbarian onslaughts and then gradual reemergence of a powerful civilization that revitalized itself by renewing the insights of ancient times. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11126 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 279	Stockton W	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
11127 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 279	Stockton W	Closed
11128 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Boucher D	Closed

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
11129 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 126A	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
11130 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 126A	Rider J	Closed
<i>KBOR Seamless Transfer</i>						
11131 003 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 126A	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
11133 004 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 126A	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
11134 005 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 126B	Thompson M	Closed
<i>KBOR Seamless Transfer</i>						
11135 006 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
11136 007 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 126B	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
11139 201 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	CC 126A	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
11141 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Leiker J	Closed
<i>KBOR Seamless Transfer</i>						
11142 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Taylor D	Closed
<i>KBOR Seamless Transfer</i>						
11143 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Harvey D	Closed
<i>KBOR Seamless Transfer</i>						
12921 354 ONLNE	-----	-	03/25/19-05/19/19	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
11145 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 126B	Walker B	Closed
<i>KBOR Seamless Transfer</i>						
11146 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 126B	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
11147 003 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 126B	Edwards T	Closed
<i>KBOR Seamless Transfer</i>						
11149 004 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 126B	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
11150 005 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 126B	McWilliams R	Closed
<i>KBOR Seamless Transfer</i>						
11151 006 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 126B	McWilliams R	Closed
<i>KBOR Seamless Transfer</i>						
11154 008 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 126B	Leiker J	Closed
<i>KBOR Seamless Transfer</i>						
11153 009 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 126A	Dobson P	Closed
<i>KBOR Seamless Transfer</i>						
11158 011 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 126B	Tope J	Closed
<i>KBOR Seamless Transfer</i>						
12496 012 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	GEB 238	Owens D Edwards T	Closed

This section's title is **US History Since 1877 Honors**.

Honors Course

KBOR Seamless Transfer

This class is a Learning Community, which integrates history and economics. Students enroll in and earn six transferable hours of credit: three for HIST 141: U.S. History Since 1877; and three for ECON 230: Principles of Macroeconomics. Students will earn the same grade for all six hours. This course will be taught by both Tai Edwards (history) and Dan Owens (economics). No prerequisites. 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 HIST 141 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.

11159 201 F2F	--W----	06:00-09:00 PM	02/13/19-05/24/19	CC 126B	Arndt Helgesen V	Closed
<i>KBOR Seamless Transfer</i>						
11161 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
11162 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						
11163 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Boyle S	Closed
<i>KBOR Seamless Transfer</i>						
11164 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Clark V	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12808 355 ONLINE	-----	-	01/22/19-05/24/19	Online	Clark V	Closed
<i>KBOR Seamless Transfer</i>						
12853 356 ONLINE	-----	-	02/04/19-05/24/19	Online	Domoney J	Closed
<i>KBOR Seamless Transfer</i>						

HIST 145 - History of Ancient Rome

This course will cover Roman civilization and history from its emergence until the fifth century C.E. In addition to political, military, and social and economic developments, Roman literature and art will also be highlighted. Rome's significance for later western civilization will be noted. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11212 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GEB 279	Stockton W	Closed

HIST 149 - History of India

This course is a broad and thematic introduction to the history of India. The course covers Indian culture and civilizations from the ancient Indus River Valley Civilization to the present nation state of India. Multiple modes of inquiry and source materials are important for historical analysis, and this course considers literature, art, architecture and other forms of cultural aesthetics in relation to political, economic, material, and religious developments. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11213 351 ONLINE	-----	-	03/25/19-05/19/19	Online	Boucher D	Closed

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-Columbian 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
11215 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	GEB 279	Davidson S	Closed
<i>KBOR Seamless Transfer</i>						
11217 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Mack J	Closed
<i>KBOR Seamless Transfer</i>						
11218 352 ONLINE	-----	-	01/22/19-05/24/19	Online	Mack J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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KBOR Seamless Transfer

HIST 152 - World History II: Modern World

This course provides students an introduction to the history of the world since approximately 1500. Upon successful completion, students will be able to describe and analyze the development of modernism, which occurred first in the West, including the scientific revolution, secularism, industrialism and the rise of new political ideologies. They will be able to trace the expansion of modernization in both the Western and non-Western worlds and the response to modernism in non-Western countries. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11220 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 279	Stockton W	Closed

KBOR Seamless Transfer

11221 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hembree M	Closed
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KBOR Seamless Transfer

HIST 160 - Modern Russian History

This course examines Russian history within a Eurasian context. It is a study of three centuries of the social, political, economic and cultural forces that shaped Russian history, beginning with a survey of the events that place Russia outside the Western historical tradition. 3 hrs. lecture/ wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11225 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Thompson M	Closed

HIST 180 - North American Indian History

This course surveys the major themes of the history of Indigenous peoples (also known as American Indians and Native Americans) in North America from the emergence of human life on the continent through the present. Topics include Indigenous life prior to European migration, colonialism, adaptation and resistance to European and American expansion, and efforts to maintain sovereignty. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hist/#HIST_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11227 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 229	Edwards T	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
11230 501 INT	-----	-	01/22/19-05/24/19		Edwards T	5 of 6

Requirement: Department approval

Hospitality Management

HMGT 120 - Food Service Sanitation

This course covers the basic principles of providing and serving safe food. It also provides the student with safe food-handling procedures necessary to manage a sanitary and safe food service operation in compliance with the national Food Code and National Restaurant Association guidelines. The successful completion of the ServSafe Sanitation exam will result in a national sanitation certification. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11186 001 F2F	M-----	03:00-04:50 PM	01/28/19-03/31/19	HCA 145	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
11187 002 F2F	-T-----	12:00-01:50 PM	03/26/19-05/19/19	HCA 145	Riley M	Closed
<i>SB 155 Excel in CTE</i>						
11188 003 F2F	-T-----	05:00-06:50 PM	01/29/19-03/17/19	HCA 117	Riley M	Closed
<i>SB 155 Excel in CTE</i>						
11189 350 ONLINE	-----	-	01/22/19-03/17/19	Online	Riley M	Closed
<i>SB 155 Excel in CTE</i>						
11190 351 ONLINE	-----	-	03/25/19-05/19/19	Online	Riley M	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 121 - Perspectives of Hospitality Management

This introductory course is designed to provide students with current information on topics relevant to career exploration, employment and operational specifics of the various segments of the hospitality industry. The course includes exploration of the tourism, lodging, food and beverage and related industries, along with the operational characteristics unique to each and the critical concepts of service management. The identification of current events and trends will be included along with the evaluation of impact on the hospitality industry. This course also identifies and explores career opportunities and includes the professional profiles and job search materials directly related to the hospitality industry. 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
11191 001 F2F	M-----	12:00-02:50 PM	01/28/19-05/24/19	HCA 119	Gray J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
11192 002 F2F	-T-----	09:00-11:50 AM	01/22/19-05/24/19	HCA 117	Bell C	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 123 - Professional Cooking I

This is the first of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate skills in basic cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate common food service equipment used in commercial kitchens. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$50 to 200

Prerequisite or Corequisite: HMGT 120

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11193 001 F2F	M-----	08:00-11:30 AM	01/28/19-05/24/19	HCA 140	Marcellus J	Closed
<i>SB 155 Excel in CTE</i>						
11194 002 F2F	M-----	01:00-04:30 PM	01/28/19-05/24/19	HCA 140	Berg M	Closed
<i>SB 155 Excel in CTE</i>						
11195 003 F2F	-T-----	08:00-11:30 AM	01/22/19-05/24/19	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
11197 005 F2F	M-----	06:00-09:30 PM	01/28/19-05/24/19	HCA 140	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
11198 006 F2F	-T-----	01:00-04:30 PM	01/22/19-05/24/19	HCA 140	Smith D	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 program

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11199 001 F2F	--W----	08:00-09:55 AM	01/23/19-05/24/19	HCA 148	Berg M	Closed
	--W----	08:00-09:55 AM	01/23/19-05/24/19	HCA 150		
	---R---	08:00-02:50 PM	01/24/19-05/24/19	HCA 148		
	---R---	08:00-02:50 PM	01/24/19-05/24/19	HCA 150		

SB 155 Excel in CTE

HMGT 128 - Supervisory Management

This course contains the basic supervisory management skills, management styles, motivation with emphasis on human relations, delegation, training, evaluation and communication. In addition, the hiring and firing functions within FLSA guidelines will be covered. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11200 001 F2F	--W----	09:00-11:50 AM	01/30/19-05/24/19	HCA 117	Gray J	Closed
11201 002 F2F	-T-----	12:00-02:50 PM	01/22/19-05/24/19	HCA 117	Gray J	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
11203 001 F2F	M-----	10:00-11:50 AM	01/28/19-05/24/19	HCA 117	Bell C	Closed

HMGT 165 - Food Industry Compliance & Safety

Upon successful completion of this course, the student should be able to analyze and explain the basic legal compliance issues regarding food safety and the post-harvest handling of local food products. This course focuses on the legal compliance issues of market farming as well as the food safe handling principles necessary for an individual involved in market farming. It will provide students with practical methods of application involved with food safety and post-harvest marketing. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12586 001 F2F	--W----	12:00-02:50 PM	01/30/19-05/24/19	HCA 119	Zimmermann 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 \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_207\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_207)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11204 001 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	HCA 117	Edwards R	Closed

SB 155 Excel in CTE

HMGT 220 - American Regional Cuisine

This course introduces the student to regional American cooking from nine regional culinary traditions and two specialty traditions within American cuisine. Students will study the cuisine of New England; the Mid-Atlantic states; the Deep South; Florida and the Caribbean; Cajun and Creole; the Central Plains and Rocky Mountain states; Tex-Mex and the American Southwest; California and Hawaii; the Pacific Northwest, as well as vegetarian cuisine and kosher dietary laws. Upon completion of this course, the student should be able to demonstrate skills in cooking and presenting classic American dishes in their traditional forms within a restaurant setting. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisite: HMGT 230

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_220\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11329 001 F2F	-T-----	08:00-11:30 AM	01/22/19-05/24/19	HCA 148	Adel E	Closed

SB 155 Excel in CTE

HMGT 221 - Design and Facilities Management

This course includes detailed information about food service design that covers layout, design and equipment specifications. In addition, facilities operations will be discussed regarding electrical, water and transportation systems; refrigeration; waste disposal; energy management; and HVAC. Preventive maintenance will be emphasized. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$25 to 100

Prerequisites: HMGT 123 and HMGT 271

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_221\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11331 001 F2F	-T-----	03:00-05:50 PM	01/22/19-05/24/19	HCA 115	Sobieraj R	Closed

SB 155 Excel in CTE

HMGT 223 - Fundamentals of Baking

This course covers bakeshop production as it relates to the basic principles of ingredients, measurements, mixing, proofing, baking and final presentation. In addition, the student will be able to identify the various types of baking equipment used in the preparation of bakeshop products. The class includes lecture and participation. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_223\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11332 001 F2F	M-----	12:00-03:30 PM	01/28/19-05/24/19	HCA 144	Maxim C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
11334 003 F2F	-T-----	06:00-09:30 PM	01/29/19-05/24/19	HCA 144	Reed A	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 226 - Garde Manger

This course is designed for the student to learn cold food production and charcuterie. The course will allow the student to develop fundamental principles of the cold kitchen and modernize traditional methods of salad preparation. 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
11335 001 F2F	M-----	08:00-11:30 AM	01/28/19-05/24/19	HCA 146	Adel E	Closed
<i>SB 155 Excel in CTE</i>						

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
11336 001 F2F	M-----	09:00-11:50 AM	01/28/19-05/24/19	HCA 115	Gray J	Closed
<i>SB 155 Excel in CTE</i>						
11337 002 F2F	--W----	12:00-02:50 PM	01/30/19-05/24/19	HCA 117	Gray J	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 230 - Professional Cooking II

This is the second of two courses in professional cooking methods for students enrolled in hospitality management programs. Upon completion of this course, the student should be able to demonstrate advanced level skills in cooking methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to safely operate advanced food service equipment used in commercial kitchens. This course consists of lecture, demonstration and participation in food preparation. 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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11338 001 F2F	M-----	08:00-11:30 AM	01/28/19-05/24/19	HCA 142	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
11339 002 F2F	M-----	01:00-04:30 PM	01/28/19-05/24/19	HCA 142	Smith D	Closed
<i>SB 155 Excel in CTE</i>						
11340 003 F2F	--W----	06:00-09:30 PM	01/30/19-05/24/19	HCA 142	Tatum C	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 231 - Advanced Food Preparation

This course is designed to develop a student's advanced culinary skills in preparation of international cuisine commonly served in today's operations in Latin America, Europe, Asia, the Middle East, the Far East and the Pacific area. 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
11341 001 F2F	M-----	01:00-05:30 PM	01/28/19-05/24/19	HCA 148	Adel E	Closed
<i>SB 155 Excel in CTE</i>						

HMGT 235 - Seminar: Risk Management and Loss Prevention

This course explains the issues surrounding the need for individualized security programs, examines a wide variety of security and safety equipment and procedures, discusses guest protection and internal security for asset protection. It explores risk management and loss prevention issues and outlines OSHA regulations that apply to lodging properties. 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 spring semester. 2 hrs lecture, 15 hrs. work/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11342 001 F2F	-T-----	03:00-04:50 PM	01/22/19-05/24/19	HCA 119	Bell C	Closed

HMGT 240 - Advanced Baking

This course covers the principles needed to enter the baking and pastry industry. The course provides knowledge of specialty ingredients and techniques needed to make tortes, finished desserts and a wedding cake. The student will be instructed in the making of these items through lecture and will prepare a variety of such items in lab. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMGT 123 and HMGT 223

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11343 001 F2F	-T-----	12:00-04:30 PM	01/22/19-05/24/19	HCA 144	Fraase D	Closed

SB 155 Excel in CTE

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
12480 001 F2F	M-----	08:00-11:30 AM	01/28/19-05/24/19	HCA 144	Parkhurst A	Closed

SB 155 Excel in CTE

HMGT 250 - Introduction to Catering

This course includes detailed information about the different types of catered events within the hospitality industry. Topics covered include the importance of marketing, contract writing, food production, room arrangements and required personnel relative to specific catered events. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 25

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11499 001 F2F	-T-----	05:00-07:50 PM	01/29/19-05/24/19	HCA 150	Berg M	Closed

SB 155 Excel in CTE

HMGT 265 - Front Office Management

This course provides a full understanding of the flow of business from the front office, beginning with the reservations process to checkout and settlement. It also includes the night audit and statistical analysis of rates and revenue management. This course is typically offered in the spring semester. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11500 001 F2F	-T-----	12:00-02:50 PM	01/22/19-05/24/19	HCA 115	Bell C	Closed

SB 155 Excel in CTE

HMGT 268 - Hospitality Managerial Accounting

This course introduces the student to basic managerial accounting. This includes accounting concepts, processing data and the flow of financial information within a hospitality operation. The course provides a working knowledge of an income statement, balance sheet, statement of owner's equity and cash flows. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: MATH 120 and HMGT 121 and HMGT 273

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_268\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_268)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11501 001 F2F	--W----	03:00-05:50 PM	01/30/19-05/24/19	HCA 115	Bell C	Closed

SB 155 Excel in CTE

HMGT 271 - Seminar in Hospitality Management: Purchasing

This course offers an overview of purchasing techniques and specification writing for commodities used in the hospitality industry. Emphasis will be on decision-making skills in the areas of quality, quantity, specifications and general value analysis. Two hours in class and a minimum of 15 hours a week are required in a supervised work situation in an approved area of the hospitality industry. Work experience is concurrent but does not necessarily concentrate on the subject being taught in the course.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_271\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11502 001 F2F	--W----	03:00-04:50 PM	01/30/19-05/24/19	HCA 117	Adel E	Closed
11504 002 F2F	-T-----	03:00-04:50 PM	01/22/19-05/24/19	HCA 117	Berg M	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 \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_273\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_273)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11505 001 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	HCA 115	Sobieraj R	Closed
11506 002 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	HCA 115	Sobieraj R	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

HMGT 275 - Seminar in Hospitality Management: Internship

This course provides industry experience for students in cooperating businesses, agencies and organizations. While enrolled in this course, a student must work a minimum of 320 hours in an approved position in the hospitality industry. By arrangement.

Credit Hours: 3

Prerequisite: Admission to the hospitality management program

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11507 500 INT	-----	-	01/22/19-05/24/19		Gray J	10 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
11508 001 F2F	--W----	03:00-04:50 PM	01/30/19-05/24/19	HCA 119	Sobieraj R	Closed
11509 002 F2F	-T-----	06:00-07:50 PM	01/29/19-05/24/19	HCA 115	Sobieraj R	Closed

HMGT 279 - Beverage Control

This course covers the history of wines and their use and storage procedures. The students should gain an understanding of beverage control and how it is used in all types of operations. The course will also cover in-depth study of spirits, internal control systems and local/state alcoholic beverage control laws. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_279)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11510 001 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	HCA 150	Berger S	Closed

SB 155 Excel in CTE

HMGT 281 - Culinary Arts Practicum I

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation.

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
11555 500 INT	-----	-	01/22/19-05/24/19		Marcellus J	32 of 55

SB 155 Excel in CTE

Requirement: Department approval

HMGT 282 - Culinary Arts Practicum II

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum I.

Credit Hours: 2

Prerequisite: HMGT 281

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11556 501 INT	-----	-	01/22/19-05/24/19		Marcellus J	19 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
11557 502 INT	-----	-	01/22/19-05/24/19		Marcellus J	33 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
11558 503 INT	-----	-	01/22/19-05/24/19		Marcellus J	19 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
11559 504 INT	-----	-	01/22/19-05/24/19		Marcellus J	33 of 40

SB 155 Excel in CTE

HMGT 288 - Culinary Arts Practicum VI

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum V.

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
11560 505 INT	-----	-	01/22/19-05/24/19		Marcellus J	19 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
11561 001 F2F	--W----	12:00-03:30 PM	01/30/19-05/24/19	HCA 142	Riley M	Closed

This section's title is **Special Topics: Culinary Nutrition Lab**.

12760 002 F2F	--W----	12:00-03:30 PM	01/30/19-05/24/19	HCA 142	Riley M	Closed
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This section's title is **Hospitality Special Topics Honors**.

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.

Hospitality Mgt Pastry Baking

HMPB 255 - Pastry Shop Production II

This course will provide hand-on instruction of advanced techniques used to make advanced staples used in the production of advanced pastries, cakes, tarts, and tortes intended for retail sales in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 Corequisites: HMPB 260 and HMPB 257 and HMPB 252

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_255\)](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10160 001 F2F	---R---	08:00-10:14 AM	01/24/19-05/24/19	HCA 144	Fraase D	Closed
	----F--	09:00-11:14 AM	01/25/19-05/24/19	HCA 144		

SB 155 Excel in CTE

HMPB 257 - Sugar Basics

This course will provide hands-on instruction of pulled and brown sugar techniques used for garnishing advanced pastry items. The student will learn how to cook, pull, blow and store sugar pieces used in a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 255 and HMPB 260 and HMPB 262

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_257\)](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10166 001 F2F	---R---	12:30-02:44 PM	01/24/19-05/24/19	HCA 144	Fraase D	Closed
	----F--	01:30-03:44 PM	01/25/19-05/24/19	HCA 144		

SB 155 Excel in CTE

HMPB 260 - Pastry Shop Principles II

This course will examine the advanced baking concepts including high dollar ingredient identification and usage, storage, advanced inventory control, costing and product sources and product availability as it pertains to a professional pastry shop. This course is typically offered in the spring semester. 4.5 hrs. integrated lecture/lab/wk.

Credit Hours: 4

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 255 and HMPB 257 and HMPB 262

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_260\)](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10171 001 F2F	---R---	10:15-12:29 PM	01/24/19-05/24/19	HCA 144	Fraase D	Closed
	----F--	11:15-01:29 PM	01/25/19-05/24/19	HCA 144		

SB 155 Excel in CTE

HMPB 262 - Pastry Shop Business Basics II

This course will provide advanced hands-on techniques used to market finished pastry items, execute excellent customer service, establishing operational guidelines, inventory and restocking, product ordering, product research, maintaining a display case, as well as taking pastry orders. This course is typically offered in the spring semester. 3.5 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: HMPB 155 and HMPB 160 and HMPB 233 and HMPB 252 **Corequisites:** HMPB 255 and HMPB 260 and HMPB 257

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_262\)](http://catalog.jccc.edu/coursedescriptions/hmpb/#HMPB_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10172 001 F2F	---R---	02:45-04:59 PM	01/24/19-05/24/19	HCA 144	Fraase D	Closed
	----F--	03:45-05:59 PM	01/25/19-05/24/19	HCA 144		

SB 155 Excel in CTE

Honors Program

HON 250 - Honors Forum: In Search of Solutions

This course will focus on two topics during the semester and how those topics affect the local, national and global communities. The course complements other courses in the curriculum by applying the dual emphases of specific content and skill development to the areas of interaction, analysis, synthesis and conflict resolution. Students will study each issue in a historical and contemporary context, develop a greater understanding of the issues, and take a position on the issues. This position will be subjected to further challenge and dialogue. In this course, the process of reflecting, researching, analyzing and evaluating are as important as content. As points of view concerning the issue are developed, the students must articulate and defend these viewpoints as they are challenged by others and make judgments among alternative options. The first topic is selected by the faculty members, then midway through the semester, the students will select the second topic. This course will require students to use many forms of research, including the Internet and electronic databases. In addition, students will be expected to use e-mail for sharing information with classmates and instructors. 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
12498 001 F2F	M-----	05:00-07:50 PM	01/22/19-05/24/19	GEB 238	Blobaum E	Closed

This section's title is **Honors Forum: Affordable Housing: Myth and Reality**.

Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. For additional information and permission to enroll, please contact the honors office at honors@jccc.edu.

12560 975 TRV	---R---	03:00-04:15 PM	01/24/19-01/24/19	GEB 238	Page A Jenab F	Closed
	---R---	03:00-04:15 PM	02/07/19-02/07/19	GEB 238		
	---R---	03:00-04:15 PM	02/21/19-02/21/19	GEB 238		
	---R---	03:00-04:15 PM	03/07/19-03/07/19	GEB 238		
	M-----	08:00-04:00 PM	03/18/19-03/18/19	GEB 238		
	-T-----	08:00-04:00 PM	03/19/19-03/19/19	GEB 238		
	---R---	03:00-04:15 PM	04/04/19-04/04/19	GEB 238		
	---R---	03:00-04:15 PM	05/09/19-05/09/19	GEB 238		

This section's title is **Honors Forum: Food Exploration**.

Honors Course

Travel dates will be from March 20th-22nd. There will be 8 required meeting times and students will be expected to complete online assignments. For additional information and permission to enroll, please contact the Honors Program office at honors@jccc.edu.

Horticulture

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 \(http://catalog.jccc.edu/coursedescriptions/hort/#HORT_201\)](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_201)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11662 380 HYB	-----	-	01/28/19-05/24/19	Online	La Hovary C	Closed
	-T-----	06:00-06:50 PM	01/29/19-05/24/19	HSC 121		
Lab	-T-----	07:00-08:50 PM	01/29/19-05/24/19	HSC 124		

Mandatory Classroom Meetings

SB 155 Excel in CTE

HORT 205 - Plant Propagation

This course provides basic knowledge of the art and science of sexual and asexual methods of propagating plants. Students study the processes of seed development, seed dormancy, germination, root initiation and grafting. Students will learn basic seed sowing, cutting and grafting skills. The students will be able to demonstrate the selection of appropriate propagation methods and choose the proper environmental conditions necessary to achieve successful propagation of seeds or cuttings. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HORT 201 or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/hort/#HORT_205\)](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11663 380 HYB	-----	-	01/22/19-04/21/19	Online	Sreedhar L	Closed
Lab	-----	-	01/22/19-04/21/19	Online		
	---F--	10:00-11:20 AM	01/25/19-04/21/19	HSC 121		
Lab	---F--	11:30-12:50 PM	01/25/19-04/21/19	HSC 124		

SB 155 Excel in CTE

Mandatory Classroom Meetings

11724 381 HYB	-----	-	01/22/19-04/21/19	Online	La Hovary C	Closed
Lab	-----	-	01/22/19-04/21/19	Online		
	M-----	06:00-07:20 PM	01/28/19-04/21/19	HSC 121		
Lab	M-----	07:30-08:50 PM	01/28/19-04/21/19	HSC 124		

Mandatory Classroom Meetings

SB 155 Excel in CTE

HORT 215 - Woody Plants II, Evergreens

This course places emphasis on identification, ornamental characteristics, site requirements and use of evergreen trees and shrubs and flowering 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 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 \(http://catalog.jccc.edu/coursedescriptions/hort/#HORT_215\)](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11725 380 HYB	-----	-	01/22/19-04/21/19	Online	Boyce B	Closed
	Lab -----	-	01/22/19-04/21/19	Online		
	Lab -----S-	10:00-11:50 AM	01/26/19-04/21/19	HSC 121		

Mandatory Classroom Meetings

SB 155 Excel in CTE

11726 381 HYB	-----	-	01/22/19-04/21/19	Online	Sreedhar L	Closed
	Lab -----	-	01/22/19-04/21/19	Online		
	Lab M-----	11:00-12:50 PM	01/28/19-04/21/19	HSC 124		

Mandatory Classroom Meetings

SB 155 Excel in CTE

HORT 225 - Plant Problems

This course is a broad-spectrum overview of plant insects, diseases and nutrition. Students will look at plants to identify the common characteristics found when diagnosing plant problems. Identification, treatment and treatment alternatives will be considered to help customers make diagnostic decisions for the use of chemicals and integrated pest management techniques (IPM). 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: HORT 214 and HORT 220 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11727 380 HYB	-----	-	01/22/19-04/21/19	Online	Sreedhar L	Closed
	Lab -----	-	01/22/19-04/21/19	Online		
	--W----	11:00-11:50 AM	01/23/19-04/21/19	HSC 121		
	Lab --W----	12:00-01:50 PM	01/23/19-04/21/19	HSC 121		

SB 155 Excel in CTE

Mandatory Classroom Meetings

HORT 260 - Horticulture Soils

This course covers soil components as well as the physical, chemical and biological properties of soils that affect plant growth. Emphasis will be placed on horticultural substrates and urban soils and their applications. 2 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_260)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11729 380 HYB	-----	-	01/22/19-05/24/19	Online	La Hovary C	Closed
	Lab ---R---	01:00-02:50 PM	01/24/19-05/24/19	HSC 121		

SB 155 Excel in CTE

Mandatory Classroom Meetings

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
11731 500 INT	-----	-	01/22/19-05/24/19		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
10027 001 F2F	M-W-F--	11:00-11:50 AM	03/04/19-05/19/19	GYM 003C	Walker B	Closed
	M-W-F--	11:00-11:50 AM	03/04/19-05/19/19	GYM 003D		

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
10028 001 F2F	M-W-F--	11:00-11:50 AM	03/04/19-05/19/19	GYM 003C	Walker B	Closed
	M-W-F--	11:00-11:50 AM	03/04/19-05/19/19	GYM 003D		

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
10029 001 F2F	M-W----	08:00-08:50 AM	01/23/19-05/24/19	GYM 007	Nosworthy A	Closed
10030 002 F2F	M-W----	09:00-09:50 AM	01/23/19-05/24/19	GYM 007	Nosworthy A	Closed
10031 003 F2F	M-W----	10:00-10:50 AM	01/23/19-05/24/19	GYM 007	Nosworthy A	Closed
10035 004 F2F	M-W----	06:00-06:50 PM	01/23/19-05/24/19	GYM 007	Zickefoose W	Closed
10032 005 F2F	M-W----	07:00-07:50 PM	01/23/19-05/24/19	GYM 007	Zickefoose W	Closed
10033 006 F2F	-T-R---	08:30-09:20 AM	01/22/19-05/24/19	GYM 007	Anani S	Closed
10037 007 F2F	-T-R---	10:00-10:50 AM	01/22/19-05/24/19	GYM 007	Nosworthy A	Closed
10034 008 F2F	-T-R---	01:00-01:50 PM	01/22/19-05/24/19	GYM 007	Zickefoose W	Closed
10036 009 F2F	-T-R---	02:00-02:50 PM	01/22/19-05/24/19	GYM 007	Zickefoose W	Closed

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
10041 001 F2F	M-----	06:00-07:50 PM	02/04/19-05/24/19	GYM 003C	Louque W	Closed
	M-----	06:00-07:50 PM	02/04/19-05/24/19	GYM 003D		
	M-----	06:00-07:50 PM	02/04/19-05/24/19	GYM 526		

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
10051 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Bloemker M	Closed

Note: All assignments and tests will be 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
10070 001 F2F	M-W----	09:00-09:50 AM	01/23/19-05/24/19	GYM 022	Hall T	Closed
10071 002 F2F	M-W----	10:00-10:50 AM	01/23/19-05/24/19	GYM 022	Hall T	Closed
12521 003 F2F	M-W----	06:00-06:50 PM	01/22/19-05/24/19	GYM 022	Anani S	Closed
12523 004 F2F	-T-R--	09:30-10:20 AM	01/22/19-05/24/19	GYM 022	Anani S	Closed

HPER 135 - Weight Training (Intermediate)

In this class, muscular strength and endurance will be developed. A self-designed and directed resistance workout program will be implemented. The proper use of a training log and personal fitness evaluation techniques will be discussed. 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
10072 001 F2F	M-W----	09:00-09:50 AM	01/23/19-05/24/19	GYM 022	Hall T	Closed
10073 002 F2F	M-W----	10:00-10:50 AM	01/23/19-05/24/19	GYM 022	Hall T	Closed
12522 003 F2F	M-W----	06:00-06:50 PM	01/22/19-05/24/19	GYM 022	Anani S	Closed
12524 004 F2F	-T-R--	09:30-10:20 AM	01/22/19-05/24/19	GYM 022	Anani S	Closed

HPER 139 - Pickleball

Students will review the rules, terminology and history of pickleball. The student will receive instruction on the strokes of pickleball, as well as the strategies of singles and doubles play in a competitive format. Emphasis will be on the mental and physical conditioning of the game.

Credit Hours: 1

Associated Costs: \$15 to \$40

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_139)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10074 001 F2F	M-W-F--	12:00-12:50 PM	03/04/19-05/19/19	GYM 003B	Walker B	Closed
	M-W-F--	12:00-12:50 PM	03/04/19-05/19/19	GYM 003C		
	M-W-F--	12:00-12:50 PM	03/04/19-05/19/19	GYM 003D		
10075 002 F2F	--W----	06:00-07:50 PM	01/30/19-05/24/19	GYM 003B	Alarico A	Closed
	--W----	06:00-07:50 PM	01/30/19-05/24/19	GYM 003C		
	--W----	06:00-07:50 PM	01/30/19-05/24/19	GYM 003D		

HPER 155 - Ballet (Beginning)

This progressive ballet system is designed to produce muscular strength and flexibility and a working knowledge of anatomy, plus the aesthetic satisfaction of expressing yourself through a classical art form. Offered to students of all ages and experience, both beginners as well as those who have had some training. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$17 to 30

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10077 001 F2F	M-W----	11:00-11:50 AM	01/23/19-05/24/19	GYM 007	Phillips D	Closed

HPER 158 - Jazz Dance (Beginning)

An introduction to the concepts and motor skills involved with jazz dance. Basic body position will be introduced as well as basic terminology, jazz history, various jazz styles and the basic techniques involved, isolations, combinations, choreography and rhythmic influences. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$7 to 30

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10089 001 F2F	M-W----	02:00-02:50 PM	01/23/19-05/24/19	GYM 007	Phillips D	Closed

HPER 192 - Wellness for Life

This course introduces students to the theory and principles upon which the concepts of lifetime fitness and wellness are based. Students will examine the relationship that exists between wellness and lifestyle behaviors. Individual self-assessments will be used to establish current health and fitness levels. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10092 351 ONLNE	-----	-	01/28/19-04/14/19	Online	Carrier D	Closed

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online.

10093 352 ONLNE	-----	-	01/28/19-04/14/19	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.

10097 353 ONLNE	-----	-	04/01/19-05/24/19	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.

10098 354 ONLNE	-----	-	04/01/19-05/24/19	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.

HPER 195 - Introduction to Sports Medicine

The purpose of this class is to introduce the basic concepts of sports medicine, specifically Athletic Training. It will address the fundamentals of the human musculoskeletal system, sports-related injuries, injury treatment and other sports medicine-related topics. This class is designed for beginning athletic training students and other students interested in the subject. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_195\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10099 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GYM 021	Edwinson B	Closed

HPER 200 - First Aid and CPR

After completing this course, students should be able to perform the basic skills of first aid. The course will cover cause, prevention and first aid care of common emergencies. Certification may be earned in first aid, cardiopulmonary resuscitation and automated external defibrillators (AED). 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10100 001 F2F	M-W----	02:00-02:50 PM	01/23/19-05/24/19	GYM 021	Brown S	Closed

KBOR Seamless Transfer

10105 003 F2F	---R---	04:00-05:50 PM	01/22/19-05/24/19	GYM 021	Brown S	Closed
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KBOR Seamless Transfer

10106 376 HYB	-----	-	01/22/19-05/24/19	Online	Brown S	Closed
	--W----	11:00-11:50 AM	01/23/19-05/24/19	GYM 021		

Mandatory Classroom Meetings

KBOR Seamless Transfer

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

10107 378 HYB	-T-R---	12:30-01:30 PM	03/25/19-05/19/19	GYM 021	Brown S	Closed
	-----	-	03/25/19-05/19/19	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 \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10133 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GYM 013	Carrier D	Closed

KBOR Seamless Transfer

10134 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GYM 013	Carrier D	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
10132 003 F2F	-T-R---	12:30-01:50 PM	01/22/19-05/24/19	GYM 013	Mallory L	Closed
<i>KBOR Seamless Transfer</i>						
10143 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be online						
10144 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be online						
10145 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be online						
10146 353 ONLNE	-----	-	01/28/19-04/14/19	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: All assignments and tests will be online						
10148 355 ONLNE	-----	-	02/25/19-05/12/19	Online	Stinson J	Closed
<i>KBOR Seamless Transfer</i>						
Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online						
10150 357 ONLNE	-----	-	04/15/19-05/19/19	Online	Carrier D	Closed
<i>KBOR Seamless Transfer</i>						
Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online						

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
10151 001 F2F	-T-R---	09:30-10:50 AM	01/22/19-05/24/19	GYM 013	West E	Closed

HPER 208 - Introduction to Exercise Physiology

This introduction to exercise physiology will introduce the effects of exercise on the muscular system, the cardiovascular system and the metabolic system. The course will prepare the student in the design of and principles for an individual exercise program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_208)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10152 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GYM 013	Brethauer S	Closed
10161 002 F2F	-T-R---	11:00-12:20 PM	01/22/19-05/24/19	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
10162 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GYM 013	Canary D	Closed

HPER 224 - Outdoor Recreation

This course introduces the student to activities that create interaction between the individual and elements of the outdoor recreational setting. Outdoor Recreation students study the fundamental basics of governmental, private and public control of recreational lands. Outdoor recreation projects include a variety of outdoor activities, such as camping, hiking, nature observation, biking, rock climbing, canoeing, skiing, map and compass, outdoor safety, and how to dress and pack for outdoor adventures. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10163 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Brown S	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

10164 351 ONLINE	-----	-	02/18/19-05/19/19	Online	Burgess C	Closed
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Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

HPER 240 - Lifetime Fitness I

Lifetime Fitness introduces the student to basic fitness principles, physical activity and the relationship to a healthy lifestyle. This class is designed to provide a variety of physical activity experiences. Students will gain an understanding of the necessary skills needed to develop and implement personal lifestyle improvements related to cardiovascular fitness, muscular strength, muscular endurance, flexibility and body composition. Physical activity tracking will be utilized in this course.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10187 001 F2F	-----	-	01/22/19-05/24/19	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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
10188 002 F2F	-----	-	01/22/19-05/24/19	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
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.						
10189 003 F2F	-----	-	01/22/19-05/24/19	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
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.						
10190 004 F2F	-----	-	02/04/19-05/24/19	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
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.						
10191 005 F2F	-----	-	02/18/19-05/19/19	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
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.						
10192 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Brown S	Closed
<i>Lifetime Fitness</i>						
Note: All assignments and tests will be online. You will be required to use a heart rate monitor or similar tracking device during your workouts. For questions regarding this class, please e-mail the instructor						

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
10193 001 F2F	-----	-	01/22/19-05/24/19	GYM 103	Dey R	Closed
<i>Lifetime Fitness</i>						
10194 002 F2F	-----	-	01/22/19-05/24/19	GYM 103	Dey R	Closed
<i>Lifetime Fitness</i>						
10195 003 F2F	-----	-	01/22/19-05/24/19	GYM 103	Hall T	Closed
<i>Lifetime Fitness</i>						
10196 004 F2F	-----	-	01/28/19-05/24/19	GYM 103	Brown S	Closed
<i>Lifetime Fitness</i>						
10197 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Brown S	Closed
<i>Lifetime Fitness</i>						
Note: All assignments and tests will be online. You will be required to use a heart rate monitor or similar tracking device during your workouts. For questions regarding this class, please e-mail the instructor						

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
10165 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GYM 021	Stinson J	Closed
	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GYM 125		
10167 376 HYB	-----	-	01/22/19-05/24/19	Online	Stinson J	Closed
	-T-----	04:15-05:45 PM	01/29/19-05/24/19	GYM 003C		
	-T-----	04:15-05:45 PM	01/29/19-05/24/19	GYM 021		

Mandatory Classroom Meetings

Note: You must attend class on Tuesdays throughout the semester. The course will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, all assignments, exams and communication functions will be done online

HPER 250 - Introduction to Sports Management

The sport industry has become a dominant influence in American society, and is evolving at a dramatic rate. Students will be introduced to the dynamic nature of sport management and the potential for successful and satisfying career opportunities in the sport industry, as well as sport principles as they apply to management, leadership style, communication, and motivation. This course serves as a foundation for students' further studies in various subject areas. The primary focus of this course will be to provide an overview of the sport industry and cover basic fundamental knowledge and skill sets of the sports manager, as well as potential job employment and career choices in the field/profession of sport management, such as sport marketing, sport law, sport facility and event management, economics of sport, and sport finance. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10275 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Mallory L	Closed
<i>SB 155 Excel in CTE</i>						
10276 351 ONLINE	-----	-	04/01/19-05/24/19	Online	Mallory L	Closed
<i>SB 155 Excel in CTE</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 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
10168 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Mallory L	Closed

Note: All assignments and tests will be online

CRN	Days	Time	Date	Location	Instructor	Seats Open
10169 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Mallory L	Closed
Note: All assignments and tests will be online						
10170 352 ONLNE	-----	-	04/01/19-05/24/19	Online	Mallory L	Closed
Note: This course is accelerated and will incorporate the same content and expectations as the traditional full term course. All assignments and tests will be online						

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
10845 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 338	Chen S	Closed
10846 002 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 338	Chen S	Closed
10847 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 344	McCarty L	Closed
10848 004 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 338	Chen S	Closed
10849 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 338	Chen S	Closed
10850 006 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 338	Chen S	Closed
10851 007 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 344	Robertson M	Closed
10852 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Garrett M	Closed
10853 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Garrett M	Closed
10854 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Domoney J	Closed
12913 354 ONLNE	-----	-	03/25/19-05/19/19	Online	McCarty L	Closed

HUM 137 - Introduction to Russian Culture

This course is a survey of the cultural history of Russia from the ninth century to the present. The approach is interdisciplinary, examining representative examples of Russian art, architecture, music, theater, dance, literature and philosophy in their historical context. In addition to developing the students' appreciation of Russia's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10855 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Mack J	Closed

HUM 146 - Introduction to World Humanities II

This course will acquaint students with the arts and ideas of the world's major civilizations, from the Renaissance to the present. The approach will be both interdisciplinary and chronological, 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 spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10856 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Murphy J	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
10857 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 344	Bailes K	Closed
10858 002 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 344	Robertson M	Closed
10860 003 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CC 344	Norcott-Mahany B	Closed
10866 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Norcott-Mahany B	Closed
12914 352 ONLINE	-----	-	03/25/19-05/19/19	Online	Norcott-Mahany B	Closed

HUM 156 - Contemporary Approaches to World Mythology

This course provides a systematic study of world mythologies, where they appear in literature and art and their survival and metamorphosis in contemporary culture. The course provides several methodological frameworks with which to analyze myths and their relation to history, religion, ritual and art. Through the study and comparison of world mythologies, students are encouraged to evaluate their own perspectives and experiences in the context of human diversity. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10867 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 344	Bailes K	Closed
10869 002 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 238	Bailes K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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This section's title is **Contemporary Approaches to World Mythology 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 HUM 156 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.

HUM 167 - Introduction to Japanese Culture

The course acquaints students with the arts and ideas of Japan, from its pre-history through the present day. The approach is interdisciplinary, examining artistic and philosophical values embodied in theatre (including dance and music), painting (calligraphy), woodblock prints, ceramics, sculpture, literature, and gardens, as well as modern developments including anime and film. In addition to developing the students' appreciation of Japan's contribution to world culture, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_167)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10870 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 344	Philip S	Closed

HUM 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

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12926 961 IND	-----	-	01/22/19-05/24/19		Coleman K	2 of 2

Requirement: Department approval

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
10048 001 F2F	-T-R---	08:00-09:20 AM	01/22/19-05/24/19	ATB 183	Clyde J	Closed
	Lab -T-R---	09:30-10:50 AM	01/22/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						
10049 002 F2F	M-W----	06:00-07:20 PM	01/23/19-05/24/19	ATB 142	Kessell G	Closed
	Lab M-W----	07:30-08:50 PM	01/23/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						

HVAC 110 - Electrical Fundamentals

This course is in electrical theory and is required for HVAC but is appropriate for all interested students. Common electrical components found in the HVAC industry are used to develop these skills. Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. 3 hrs. lecture/wk. and 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$30-150

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10050 001 F2F	-T-R---	11:30-12:50 PM	01/22/19-05/24/19	ATB 164	Clyde J	Closed
	Lab -T-R---	01:00-02:20 PM	01/22/19-05/24/19	ATB 164		
<i>SB 155 Excel in CTE</i>						
10052 002 F2F	-T-R---	06:00-07:20 PM	01/22/19-05/24/19	ATB 164	Kruse S	Closed
	Lab -T-R---	07:30-08:50 PM	01/22/19-05/24/19	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
10056 001 F2F	M-W----	08:00-08:50 AM	01/23/19-05/24/19	ATB 131	Steinmetz M	Closed
	Lab M-W----	09:00-10:20 AM	01/23/19-05/24/19	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
10184 001 F2F	-----S-	08:00-05:00 PM	02/16/19-02/23/19	ATB 132	Lamping J	Closed

Note: This course meets Saturday AND Sunday

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
10059 001 F2F	M-W----	11:00-11:50 AM	01/23/19-05/24/19	ATB 183	Hendren H	Closed
	Lab M-W----	12:00-01:20 PM	01/23/19-05/24/19	ATB 148		

SB 155 Excel in CTE

10060 002 F2F	-T-R---	06:00-06:50 PM	01/22/19-05/24/19	ATB 125	Crouch D	Closed
	Lab -T-R---	07:00-08:20 PM	01/22/19-05/24/19	ATB 148		

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
10058 001 F2F	M-W----	08:00-08:50 AM	01/23/19-05/24/19	ATB 133	Hendren H	Closed
	Lab M-W----	09:00-10:20 AM	01/23/19-05/24/19	ATB 155		

SB 155 Excel in CTE

12613 002 F2F	-T-R---	06:00-06:50 PM	01/22/19-05/24/19	ATB 132	Hendren H	Closed
	Lab -T-R---	07:00-08:20 PM	01/22/19-05/24/19	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
10061 001 F2F	-T-R---	08:00-08:50 AM	01/22/19-05/24/19	ATB 131	Lamping J	Closed
	Lab -T-R---	09:00-10:20 AM	01/22/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						
10062 002 F2F	M-W----	06:00-06:50 PM	01/23/19-05/24/19	ATB 128	Leone N	Closed
	Lab M-W----	07:00-08:20 PM	01/23/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						

HVAC 220 - HVAC Trade Certification Review

This course will prepare students to take one of the main HVAC industry standard certification North American Technician Excellence (NATE) test, which will consists of the core fundamentals of HVAC, gas heating, air conditioning and heat pumps. 2 hr. lecture/wk.

Credit Hours: 2

Prerequisites: HVAC 188 and HVAC 250

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10065 001 F2F	----F--	05:30-09:30 PM	03/29/19-05/17/19	ATB 127	Hendren H	Closed

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
10063 001 F2F	-T-R---	11:00-11:50 AM	01/22/19-05/24/19	ATB 183	Lamping J	Closed
	Lab -T-R---	12:00-01:20 PM	01/22/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						

HVAC 275 - HVAC Code Review

This course is for the use and interpretation of the current International Mechanical Code (IMC). Upon successful completion of this course, the student should be able to interpret and apply the Code to HVAC applications. 3 hrs. lecture/wk.

Credit Hours: 3

HVAC 201

Outline (http://catalog.jccc.edu/coursedescriptions/hvac/#HVAC_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10066 001 F2F	----F--	05:30-09:30 PM	01/25/19-02/15/19	ATB 127	Hendren H	Closed
	-----S-	08:00-02:00 PM	01/26/19-02/16/19	ATB 127		

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
10064 001 F2F	M-W----	11:00-11:50 AM	01/23/19-05/24/19	ATB 132	Lamping J	Closed
	Lab M-W----	12:00-01:20 PM	01/23/19-05/24/19	ATB 148		
<i>SB 155 Excel in CTE</i>						
10186 002 F2F	M-W----	06:00-06:50 PM	01/23/19-05/24/19	ATB 164	Lamping J	Closed
	Lab M-W----	07:00-08:20 PM	01/23/19-05/24/19	ATB 148		

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
10067 501 INT	-----	-	01/22/19-05/24/19		Lamping J	10 of 15
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						
10068 502 INT	-----	-	01/22/19-05/24/19		Lamping J	9 of 10
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						
10069 503 INT	-----	-	01/22/19-05/24/19		Lamping J	6 of 10

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
10129 001 F2F	MTW----	09:30-11:20 AM	03/25/19-05/15/19	ATB 133	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
10130 002 F2F	MTW----	12:00-01:50 PM	03/25/19-05/15/19	ATB 133	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
Note: This section is open to ELTE majors only						
10135 003 F2F	-T-----	02:00-04:50 PM	01/22/19-05/24/19	ATB 133	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
10136 004 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	ATB 133	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
10137 005 F2F	-----S-	08:00-05:30 PM	01/26/19-02/24/19	ATB 131	Burks D	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
10138 001 F2F	----F--	12:00-02:50 PM	01/25/19-05/24/19	ATB 131	Gilmore S	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</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
10185 001 F2F	----F--	08:00-05:00 PM	02/08/19-02/15/19	ITC 187	Hendren H	Closed
<i>Accelerating Opportunity KS</i> Note: This section is open to HVAC majors only						
10139 002 F2F	----F--	10:30-11:20 AM	01/25/19-05/24/19	ATB 133	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						
10140 003 F2F	----F--	01:00-01:50 PM	01/25/19-05/24/19	ATB 133	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						
10141 004 F2F	M-----	05:00-05:50 PM	01/28/19-05/24/19	ITC 183	Bedell T	Closed
<i>Accelerating Opportunity KS</i>						
10142 005 F2F	----SU	08:00-05:30 PM	04/13/19-04/14/19	ATB 131	Bedell T	Closed
<i>Accelerating Opportunity KS</i> Note: This course meets Saturday AND Sunday						
12593 010 F2F	----S-	09:00-12:00 PM	02/25/19-04/03/19	ITC	Harrison T	Closed
	----F--	05:50-06:50 PM	02/25/19-04/03/19	ITC		
<i>Accelerating Opportunity KS</i>						
12570 350 ONLNE	-----	-	01/22/19-03/04/19	Online	Harrison T	Closed
<i>Accelerating Opportunity KS</i>						

Interpreter Training

INTR 251 - Interpreting II

This is an advanced course concentrating on continued develop of English-to-ASL, ASL transliteration skills development. Students will have the opportunity to use these skills as stimulus material gradually becomes more advanced. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Associated Costs: \$10 to 50

Prerequisite: INTR 250 with a grade of "C" or higher **Corequisites:** INTR 262 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12437 001 F2F	--W----	05:00-08:50 PM	01/30/19-05/24/19	CC 331	Storme S	Closed
<i>SB 155 Excel in CTE</i>						

INTR 262 - Seminar on Interpreting

This course provides students with knowledge of stress management as applied to both the physical demands and mental conditions of sign language interpreting. Students will learn and apply decision-making techniques in regard to the Interpreter (RID) Code of Ethics. Additionally, the course provides students with knowledge of career development theory, career decision-making and the job-search process. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: INTR 250 with a grade of "C" or higher **Corequisites:** INTR 251 and INTR 282 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12438 001 F2F	M-----	05:00-07:50 PM	01/28/19-05/24/19	CC 321	Prather P	Closed

INTR 282 - Interpreting Practicum II

This course provides students with an opportunity to observe and interpret in an off-site setting with the supervision of an experienced interpreter. Students will actively engage in discussions relating to the difficulties and rewards of working in a realistic interpreting environment. The fieldwork totals 270 hours a semester.

Credit Hours: 6

Associated Costs: \$10 to 50

Prerequisite: INTR 181 with a grade of "C" or higher **Corequisites:** INTR 251 and INTR 262 and AAC 150 all with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/intr/#INTR_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12439 500 INT	-----	-	01/22/19-05/24/19	Online	Storme S Kuhns K	1 of 9
	----F--	09:00-04:00 PM	01/25/19-01/25/19	CC 321		
	----F--	09:00-04:00 PM	02/15/19-02/15/19	CC 321		
	----F--	09:00-04:00 PM	03/29/19-03/29/19	CC 321		
	----F--	09:00-04:00 PM	04/19/19-04/19/19	CC 321		
	--W----	01:00-04:00 PM	05/15/19-05/15/19	CC 229		

Mandatory Classroom Meetings

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
11266 350 ONLNE	-----	-	03/25/19-05/13/19	Online	Lutz A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
Note: This 8-week section is recommended to be taken following ELEC 186-350 (11264) 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.						
11279 376 HYB	-T-----	01:00-02:50 PM	01/22/19-05/24/19	RC 340	Holdsworth R	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
11280 377 HYB	-T-----	06:00-07:50 PM	01/29/19-05/24/19	RC 346	Hauptman P	Closed
	-----	-	01/29/19-05/24/19	Online		
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
11283 378 HYB	---R---	10:00-11:50 AM	01/24/19-05/24/19	RC 346	Holdsworth R	Closed
	-----	-	01/24/19-05/24/19	Online		
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
11285 379 HYB	---R---	06:00-07:50 PM	01/24/19-05/24/19	RC 346	Tamez A	Closed
	-----	-	01/24/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</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
11289 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
11290 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
11291 352 ONLNE	-----	-	01/22/19-03/17/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken in the same semester with 11303 IT145-351 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.						
11293 376 HYB	-T-----	10:00-11:50 AM	01/22/19-03/12/19	RC 350	Renfro T	Closed
	-----	-	01/22/19-03/12/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11295 377 HYB	--W----	10:00-11:50 AM	01/30/19-05/24/19	RC 350	Akkam M	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11297 378 HYB	--W----	06:00-07:50 PM	01/30/19-05/24/19	RC 350	Wehr W	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11298 379 HYB	---R---	01:00-02:50 PM	01/24/19-05/24/19	RC 350	Al-Rawi A	Closed
	-----	-	01/24/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11300 380 HYB	---R---	06:00-07:50 PM	01/24/19-05/24/19	RC 350	Syed M	Closed
	-----	-	01/24/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
11301 381 HYB	M-----	01:00-02:50 PM	01/28/19-05/24/19	RC 350	Renfro T	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

IT 145 - Routing and Switching Essentials

This course is designed to provide students with a fundamental understanding of network routing and switching. Students successfully completing this course will be able to configure and troubleshoot routers and switches and resolve common issues with Routing Information Protocol (RIP), Access Control Lists (ACLs), Dynamic Host Configuration Protocol (DHCP), Network Address Translation (NAT), Virtual Local Area Networks (VLANs) and inter-VLAN routing in Internet Protocol version 4 and 6 (IPv4 and IPv6) networks. Laboratory exercises will accompany lectures. 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
11302 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
11303 351 ONLNE	-----	-	03/25/19-05/13/19	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						
Note: This 8-week section is recommended to be taken following 11291 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.						
11304 376 HYB	-T-----	10:00-11:50 AM	01/22/19-05/24/19	RC 352	Akkam M	Closed
	-----	-	01/22/19-05/24/19	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
11305 376 HYB	---R---	06:00-07:50 PM	01/24/19-05/24/19	RC 352	Al-Rawi A	Closed
	-----	-	01/24/19-05/24/19	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

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
11306 376 HYB	--W----	01:00-02:50 PM	01/30/19-05/24/19	RC 340	Gordon J	Closed
	-----	-	01/30/19-05/24/19	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

11308 377 HYB	M-----	10:00-11:50 AM	01/28/19-05/24/19	RC 340	Gordon J	Closed
	-----	-	01/28/19-05/24/19	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

11309 378 HYB	-T-----	06:00-07:50 PM	01/29/19-05/24/19	RC 340	Gordon J	Closed
	-----	-	01/29/19-05/24/19	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

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
11311 376 HYB	-T-----	01:00-02:50 PM	01/22/19-05/24/19	RC 350	Al-Rawi A	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
11313 377 HYB	----F--	06:00-07:50 PM	01/25/19-05/24/19	RC 352	Peterson M	Closed
	-----	-	01/25/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

IT 221 - Windows Server

This course is designed to provide students with the knowledge and skills to perform competently in the role of a network administrator utilizing the Windows network operating system. Students 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
11314 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Carney R	Closed
<i>SB 155 Excel in CTE</i>						
11316 376 HYB	-T-----	01:00-02:50 PM	01/22/19-05/24/19	RC 346	Carney R	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

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
11318 376 HYB	-T-----	06:00-07:50 PM	01/29/19-05/24/19	RC 350	Mortell G	Closed
	-----	-	01/29/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

11317 377 HYB	-T-----	10:00-11:50 AM	01/22/19-05/24/19	RC 340	Carney R	Closed
	-----	-	01/22/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

IT 230 - Linux Fundamentals

This course is designed to provide students with a fundamental understanding of the Linux operating system environment. Students successfully completing this course will be able to perform Linux installation and package management; execute common Linux commands and utilities; and accomplish different system tasks such as navigating the filesystem and utilizing the resources of a basic Linux system. 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
11319 376 HYB	M-----	06:00-07:50 PM	01/28/19-05/24/19	RC 346	Renfro T	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						
11320 377 HYB	--W----	10:00-11:50 AM	01/30/19-05/24/19	RC 346	Gordon J	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11321 378 HYB	M-----	01:00-02:50 PM	01/28/19-05/24/19	RC 346	Gordon J	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

IT 231 - Linux Administration

This course is designed to provide students with the necessary knowledge and skills to perform competently as a Linux system administrator. Students successfully completing this course should be able to perform basic system administration tasks including configuring the graphical user interface, managing user accounts, managing system logging, configuring basic networking, writing shell scripts and maintaining system security. 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
11322 376 HYB	M-----	10:00-11:50 AM	01/28/19-05/24/19	RC 346	Al-Rawi A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	01/28/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11323 377 HYB	M-----	06:00-07:50 PM	01/28/19-05/24/19	RC 350	Golden T	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

IT 238 - Digital Forensics

This course will cover the fundamentals of computer and cyber forensics. Students will learn different aspects of digital evidence and methods to uncover illegal activities left on storage media. Various forensics tools, techniques and procedures will be used in a lab environment to perform forensic investigations. 2 hrs. lecture, 2 hrs. instructional lab and 1 hr. open lab/wk.

Credit Hours: 3

Prerequisites: (IT 120 or IT 205) and IT 230

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11324 376 HYB	--W----	06:00-07:50 PM	01/30/19-05/24/19	RC 340	Lutz A	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

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
11355 376 HYB	--W----	06:00-07:50 PM	01/30/19-05/24/19	RC 346	Mortell G	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
11325 377 HYB	M-----	01:00-02:50 PM	01/28/19-05/24/19	RC 340	Carney R	Closed
	-----	-	01/28/19-05/24/19	Online		
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

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
11326 376 HYB	-T-----	06:00-07:50 PM	01/29/19-05/24/19	RC 352	Al-Rawi A	Closed
	-----	-	01/29/19-05/24/19	Online		

Mandatory Classroom Meetings

SB 155 Excel in CTE

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
11328 500 INT	-----	-	01/22/19-05/24/19		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
11667 001 F2F	---R---	09:00-11:45 AM	01/24/19-05/24/19	GEB 356	Grube K	Closed
11668 002 F2F	M-W----	04:00-05:30 PM	01/23/19-05/24/19	GEB 356	Boyd R	Closed
12541 003 F2F	-T-----	06:00-08:45 PM	01/29/19-05/24/19	GEB 356	Wilson J	Closed

SB 155 Excel in CTE

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
11669 001 F2F	--W----	12:30-03:15 PM	01/30/19-05/24/19	GEB 351A	Hersch A	Closed
<i>SB 155 Excel in CTE</i>						
11670 350 ONLINE	-----	-	01/22/19-05/24/19	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
11672 001 F2F	--W----	12:00-12:50 PM	01/30/19-05/24/19	GEB 356	Grube K	Closed

ITMD 132 - Materials and Resources

This course is an intermediate course focusing on the materials and resources used in the built environment. The student will evaluate the quality of materials; demonstrate the ability to locate and use product information resources; identify manufacturing and construction techniques used in products; recognize the sustainability and environmental impact of materials; use correct terminology to describe the various types of materials; and compare the design, use, durability and cost of materials. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11673 001 F2F	M-----	12:30-03:15 PM	01/28/19-05/24/19	GEB 351A	Grube K	Closed
<i>SB 155 Excel in CTE</i>						
11675 350 ONLINE	-----	-	01/22/19-05/24/19	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
11677 001 F2F	---R---	08:00-10:45 AM	01/24/19-05/24/19	GEB 351A	Green D	Closed

SB 155 Excel in CTE

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
11678 001 F2F	---R---	01:00-04:30 PM	01/24/19-05/24/19	GEB 356	Green D	Closed

SB 155 Excel in CTE

ITMD 215 - Environmental Systems for the Interior Designer

This is an intermediate course focusing on environmental systems such as: lighting design, acoustical design, thermal design and indoor air quality as it effects the interior designer's decisions in the built environment. Upon successful completion of this course, the student should be able to define and use vocabulary relating to environmental systems, recognize and explain environmental systems application and technology, and understand environmental systems impact on human behavior. The student should be able to identify and describe proper fixtures and equipment for lighting environmental systems and understand proper designs for specific applications. Furthermore, students will learn the significant impact sustainable practices have on environmental systems. 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
11679 001 F2F	--W----	08:30-11:15 AM	01/30/19-05/24/19	GEB 361	Kalkofen B	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
11680 376 HYB	M-----	08:30-11:15 AM	01/28/19-05/24/19	GEB 351A	Grube K	Closed
	-----	-	01/28/19-05/24/19	Online		

This course meets F2F for 8 class meetings with much of the course work occurring online. The Tentative Course Schedule, available in the LMS, will include F2F class meeting dates. The first F2F class meeting is at the scheduled day and time the first week of the semester.

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
11681 001 F2F	M-----	12:00-03:50 PM	01/28/19-05/24/19	GEB 356	Hersch A	Closed

SB 155 Excel in CTE

ITMD 224 - Interior Design IV

This is an advanced course focusing on using an "evidence-based design" approach. Upon successful completion of this course, the student will be able to describe and apply general and specific programming tasks, understand research methods used in design, analyze style and historic value, define contextual elements related to the built environment, understand the implementation of sustainability throughout the approach, apply human factors and philosophies to design solution, and understand the different approaches to various design categories. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75

Prerequisites: ITMD 129 and ITMD 185 and ITMD 202 and DRAF 264 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11682 001 F2F	-T-----	12:30-03:35 PM	01/22/19-05/24/19	GEB 356	Green D	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
11683 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Green D	Closed

SB 155 Excel in CTE

ITMD 231 - History of Interior Design II

This course is an examination of the built environments from approximately the Renaissance to the 20th century. Upon successful completion of this course, the student will be able to analyze and compare elements of the built environment including but not limited to: architecture, interiors, furniture, ornamentation, design motifs and textiles of historical periods from the Renaissance to the 20th century. Additionally, the student should discover the social, religious and political influences on the built environment of each period. The student should also be able to identify the craftsmanship and materials used in the construction techniques of each historical period and correctly use vocabulary related to each era. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11684 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Green D	Closed

SB 155 Excel in CTE

ITMD 235 - Kitchen and Bath Advanced

This is an advanced course in kitchen and bath design, planning and management. Upon successful completion of this course, the student will be able to produce drawings using appropriate graphic and presentation standards, develop written and verbal design statement to substantiate projects, demonstrate product, material, style, type and construction method knowledge, communicate and recommended installation procedures, understand selection, specification and ordering of products as it relates to cost, energy, safety and design. Students will also analyze sustainability within a kitchen and bath project. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75

Prerequisite: ITMD 233 with a grade of 'C' or higher

Outline (http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_235)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11685 001 F2F	----F--	10:00-12:00 PM	01/25/19-05/24/19	GEB 356	Scott M	Closed
	----F--	01:00-02:20 PM	01/25/19-05/24/19	GEB 351A		

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
11686 376 HYB	-----	-	01/22/19-05/24/19	Online	Green D	Closed
	----F--	08:00-09:50 AM	01/25/19-05/24/19	GEB 356		

SB 155 Excel in CTE

This course meets F2F for 8 class meetings with much of the course work occurring online. The Tentative Course Schedule, available in the LMS, will include F2F class meeting dates. The first F2F class meeting is at the scheduled day and time the first week of the semester.

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
11687 350 ONLNE	-----	-	01/22/19-05/24/19	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
12563 001 F2F	-T-----	08:30-11:20 AM	01/22/19-04/02/19	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
11689 001 F2F	-T-----	08:30-11:20 AM	04/16/19-05/19/19	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
11690 500 INT	-----	-	01/22/19-05/24/19		Kalkofen B	8 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
11691 500 INT	-----	-	01/22/19-05/24/19		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
10001 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
10002 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 314	Dawson-O'Brien S	Closed
<i>KBOR Seamless Transfer</i>						
10003 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
10004 004 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 314	Johnson R	Closed
<i>KBOR Seamless Transfer</i>						
10005 005 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CC 314	Ziegler L	Closed
<i>KBOR Seamless Transfer</i>						
10006 350 ONLNE	-----	-	01/22/19-05/24/19	Online	McWard C	Closed
<i>KBOR Seamless Transfer</i>						
10007 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Schulte M	Closed
<i>KBOR Seamless Transfer</i>						
10008 352 ONLNE	-----	-	01/22/19-05/24/19	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
10009 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	LIB 357	Johnson R	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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10010 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 216	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
10011 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 314	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
10012 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 323	Thum G	Closed
12549 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Thum G	Closed

JOUR 145 - Photojournalism

This course is designed to meet the photographic needs of journalism students. It provides a journalistic approach to the concepts and application of photography for multimedia. Students will use cameras, computers and software to master the issues, concepts and constraints involved in creating images for a broad range of media. They will prepare and format digitized image files for storage and transmission, and print and Web-based reproduction. 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
10013 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	RC 376	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
10014 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	COM 252	Messner B	Closed

SB 155 Excel in CTE

JOUR 227 - Basic Video Production

This course provides students with the fundamentals of video production. The goal is to teach students basic video techniques. Topics covered include technology, lighting, camera operations, audio and editing. Students will gain hands-on experience in the college's Media Production Services Department. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_227)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10018 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	COM 260	Crow J	Closed

SB 155 Excel in CTE

10019 002 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	COM 260	Cortez S	Closed
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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
10020 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	COM 260	Crow J	Closed

SB 155 Excel in CTE

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
12245 001 F2F	-T-----	07:00-09:50 PM	01/29/19-05/24/19	CC 324	Manlove H	Closed
12246 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Manlove H	Closed

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
12247 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GP 101	Blank S	Closed
12248 002 F2F	--W----	07:00-09:50 PM	01/30/19-05/24/19	GEB 217	Davis M	Closed
12249 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Nadlman J	Closed
12250 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Nadlman J	Closed

LAW 132 - Civil Litigation

Upon successful completion of this course, the student should be able to identify the various sets of court rules that regulate the civil litigation process and explain the stages of a civil lawsuit. The student should be able to describe the role of the paralegal in a civil litigation practice and be able to draft documents commonly used in the civil litigation process. 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
12251 001 F2F	M-----	07:00-09:50 PM	01/28/19-05/24/19	GEB 379	Fordham N	Closed
12520 002 F2F	M-----	04:00-06:50 PM	01/28/19-05/24/19	GEB 379	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
12252 001 F2F	---R---	07:00-09:50 PM	01/24/19-05/24/19	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
12770 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Hawk G	Closed

LAW 148 - Criminal Litigation

Upon successful completion of this course, the student should be able to explain the objectives, substantive principles and procedural rules of the criminal process in the Kansas and federal judicial systems. The student should be able to explain the role of the paralegal in criminal litigation practice and draft documents relevant to criminal litigation. 3 hrs. lecture/wk.

Credit Hours: 3

Requirement: Admission to the Paralegal Program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12253 001 F2F	M-----	07:00-09:50 PM	01/28/19-05/24/19	GEB 254	Manlove H	Closed

LAW 152 - Real Estate Law

Upon successful completion of this course, the student should be able to describe the rights of property ownership and public and private limitations on those rights. In addition, the student should be able to describe the common types of real estate transactions, and be able to comprehend and prepare key documents commonly used in a real estate transactions. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12254 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Nadlman J	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
12264 001 F2F	---R---	07:00-09:50 PM	01/24/19-05/24/19	GEB 256	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
12255 376 HYB	-----	-	01/22/19-05/24/19	Online	Fordham N	Closed
	---R---	06:00-06:50 PM	01/24/19-05/24/19	GEB 379		
<i>Mandatory Classroom Meetings</i>						
12616 378 HYB	-----	-	01/22/19-05/24/19	Online	Fordham N	Closed
	---R---	04:00-04:50 PM	01/24/19-05/24/19	GEB 379		

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
12257 001 F2F	-T-----	07:00-09:50 PM	01/29/19-05/24/19	GEB 379	Simpson J	Closed
<i>SB 155 Excel in CTE</i>						
12615 002 F2F	-T-----	04:00-06:50 PM	01/29/19-05/24/19	GEB 379	Simpson J	Closed
<i>SB 155 Excel in CTE</i>						

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 \(http://catalog.jccc.edu/coursedescriptions/law/#LAW_205\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12258 376 HYB	--W----	06:00-06:50 PM	01/30/19-05/24/19	RC 342	Waldman E	Closed
	-----	-	01/30/19-05/24/19	Online		
<i>Mandatory Classroom Meetings</i>						
12604 377 HYB	--W----	05:00-05:50 PM	01/30/19-05/24/19	RC 342	Waldman E	Closed
	-----	-	01/30/19-05/24/19	Online		

LAW 226 - Immigration Law

Upon successful completion of this course, the student should be able to explain the various aspects of immigration law. The emphasis in the course is on the functions of the paralegal in an immigration law practice and on the preparation of related documents. 3 hrs. lecture/wk.

Credit Hours: 3

Requirements: Admission to the Paralegal program or department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW_226\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12259 350 ONLNE	-----	-	01/22/19-05/24/19	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 \(http://catalog.jccc.edu/coursedescriptions/law/#LAW_271\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12261 001 F2F	--W----	07:00-09:50 PM	01/30/19-05/24/19	GEB 379	Nadlman J	Closed

LAW 275 - Paralegal Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practice experience in a legal setting. The student must complete 120 hours of work at the internship site. Obtaining an internship is the responsibility of the individual student.

Credit Hours: 1

Requirements: Admission to the Paralegal program Prerequisites: LAW 120 and LAW 121 or department chair approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/law/#LAW_275\)](http://catalog.jccc.edu/coursedescriptions/law/#LAW_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12262 500 INT	-----	-	01/22/19-05/24/19		Manlove H	8 of 12

Leadership

LEAD 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: 1

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/coursedescriptions/lead/#LEAD_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12876 967 IND	-----	-	01/28/19-05/24/19	GEB 238	Ronnebaum E	Closed

This section's title is **Independent Study Honors**.

Legal Interpreting

LI 140 - Legal Interpreting Skills I

This course develops students' skills in sight translation and consecutive interpreting. Listening and memory skills, communication strategies and intervention techniques 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 and Spanish. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Selective admissions approval **Corequisite:** LI 130

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10831 376 HYB	-----	-	01/24/19-05/24/19	Online	Steck M	Closed
	---R---	06:00-08:50 PM	01/31/19-01/31/19	CC 331		
	---R---	06:00-08:50 PM	03/14/19-03/14/19	CC 331		
	---R---	06:00-08:50 PM	03/28/19-03/28/19	CC 331		
	---R---	06:00-08:50 PM	04/04/19-05/24/19	CC 331		

Mandatory Classroom Meetings

Note: Online class meetings using Zoom is also required for this class.

LI 180 - Legal Interpreting Practicum

Students will observe and interpret at assigned legal facilities, participate in class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and field work are required for this class. 2 hrs. lecture/wk. and 30 hrs. total field study/semester.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: Selective admissions approval and LI 150 and LI 160 and LAW 121 Prerequisite or Corequisite: ADMJ 121 (All courses must be completed with a grade of "C" or higher.)

Outline (http://catalog.jccc.edu/coursedescriptions/li/#LI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10837 500 INT	-----	-	01/22/19-05/24/19	Online	Steck M	Full

SB 155 Excel in CTE

Note: Online class meetings using Zoom is also required for this class.

Requirement: Department approval

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
11632 350 ONLNE	-----	-	02/18/19-04/21/19	Online	Bailey B	Closed

Mathematics

MATH 111 - Fundamentals of Mathematics

Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 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
11863 022 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 209	Lewis J	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 jlewis@jccc.edu. COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

11864 024 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 209	Lewis J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open	
<p>Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at jlewis@jccc.edu</p> <p>COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.</p>							
11872	052 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 209	Lewis J	Closed
<p>Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at jlewis@jccc.edu</p> <p>COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.</p>							
11876	054 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 209	Byrne M	Closed
11877	100 F2F	M-W----	06:00-07:15 PM	01/23/19-05/24/19	CLB 205	Haehl M	Closed
11878	200 F2F	M-W-F--	11:00-11:55 AM	02/04/19-05/24/19	CLB 207	Gulati R	Closed
11881	350 ONLNE	-----	-	01/22/19-05/24/19	Online	Fischer E	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

11888	351 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: Fundamentals of Mathematics is designed for the student who needs to improve or review basic math skills and concepts. This course includes computation using integers, fractions, decimals, proportions and percents along with an overview of measurement, geometry, statistics and linear equations. Fundamentals of Math provides the mathematical foundation upon which subsequent studies in mathematics and other areas depend. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

12392	450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Deas M	21 of 24
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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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
11992 001 F2F	MTWRF--	10:00-10:50 AM	01/22/19-05/24/19	OCB 332	Turner W	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						
11911 020 F2F	M-W-F--	07:00-07:50 AM	01/23/19-05/24/19	CLB 211	Balman B	Closed
11912 022 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 211	Church J	Closed
11913 024 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 207	Whitford L	Closed
11914 026 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 211	White D	Closed
11916 028 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 207	Whitford L	Closed
11917 030 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 211	Church J	Closed
11918 032 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 205	Balman B	Closed
11919 034 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 211	Benes S	Closed
11920 036 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 207	Kempker K	Closed
11921 038 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 207	Kempker K	Closed
11924 050 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 207	Barlow R	Closed
11925 052 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 211	Barlow R	Closed
11926 054 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 211	Fortino L	Closed
11927 056 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CLB 211	Sutherlin C	Closed
11928 100 F2F	-T-R---	06:00-07:15 PM	01/22/19-05/24/19	CLB 402	Worthy M	Closed
11932 102 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CLB 211	Lemer A	Closed
11933 200 F2F	M-W-F--	01:00-01:55 PM	02/04/19-05/24/19	CLB 211	Benes S	Closed
11934 202 F2F	-T-R---	08:00-09:25 AM	02/05/19-05/24/19	CLB 211	Benes S	Closed
11935 204 F2F	M-W----	06:00-07:25 PM	02/04/19-05/24/19	CLB 207	Worthy M	Closed
11936 206 F2F	M-----	09:00-12:00 PM	02/04/19-05/24/19	 LPC B	Fischer E	Closed
11937 208 F2F	-T-R---	04:00-06:50 PM	03/26/19-05/16/19	CLB 211	LeRoy J	Closed
11938 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hatcher D	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						
11939 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Hatcher D	Closed

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 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

11940 352 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

11941 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Wang S	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

11942 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Wang S	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

11943 370 ONLNE	-----	-	02/04/19-05/24/19	Online	Cooper B	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. COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

12393 450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Deas M	23 of 30
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Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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>) COURSE DESCRIPTION: This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

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
11944 001 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	GEB 381	Menning M	Closed
Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.						
11946 022 F2F	M-W-F--	07:00-07:50 AM	01/23/19-05/24/19	CLB 207	Asner V	Closed
11947 024 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 205	Sandner M	Closed
11948 026 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 207	Asner V	Closed
11951 028 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 205	Sandner M	Closed
11954 029 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 203	Barlow R	Closed
11956 030 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 205	White D	Closed
11957 032 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 203	Dunham J	Closed
11959 034 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 403	Barlow R	Closed
11960 036 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 203	Dunham J	Closed
11961 038 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 205	Gulati R	Closed
11962 040 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 203	Sutherlin C	Closed
11964 042 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 203	Houghton J	Closed
11965 044 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 205	Valle C	Closed
11966 046 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CLB 207	Church J	Closed
11967 048 F2F	M-W-F--	03:00-03:50 PM	01/23/19-05/24/19	CLB 205	Harris R	Closed
11968 050 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 207	Fischer E	Closed
11970 052 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 205	Dennis R	Closed
11971 054 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 205	Harris R	Closed
11974 056 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 203	Wang S	Closed
11976 058 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 207	Caldwell B	Closed
11977 060 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 203	Fortino L	Closed
11978 062 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CLB 207	Dennis R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11979 064 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CLB 205	Caldwell B	Closed
11981 066 F2F	-T-R---	04:30-05:45 PM	01/22/19-05/24/19	CLB 205	Malakhova N	Closed
11982 100 F2F	M-W----	04:00-06:50 PM	03/25/19-05/15/19	GEB 340	Houghton J	Closed
11983 102 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	CLB 203	Herken P	Closed
11985 104 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	CLB 203	Harris S	Closed
11986 106 F2F	-----S-	09:00-11:50 AM	01/26/19-05/24/19	CLB 207	Thomas M	Closed
11987 200 F2F	---R---	06:00-09:00 PM	02/14/19-05/24/19	 DSH 214	Davis P	Closed
11992 204 F2F	M-W-F--	12:00-12:55 PM	02/04/19-05/24/19	CLB 403	Turner W	Closed
11993 206 F2F	-T-R---	12:30-01:55 PM	02/05/19-05/24/19	CLB 207	Caldwell B	Closed
11994 350 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

11995 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Lefert K	Closed
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Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

12021 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Kennett J	Closed
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12022 354 ONLNE	-----	-	02/04/19-05/24/19	Online	Kennett J	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12023 355 ONLINE	-----	-	02/04/19-05/24/19	Online	Lefert K	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Note: In this online course, it is expected that students will work daily for a total of at least 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

12024 370 ONLINE	-----	-	02/04/19-05/24/19	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. COURSE DESCRIPTION: This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

12394 450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Deas M	18 of 30
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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
12395 450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Veer P	27 of 30

Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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>) COURSE DESCRIPTION: This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. Prerequisites: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

MATH 120 - Business Mathematics

This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 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
12025 006 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 381	Jacobs L	Closed
<i>Accelerating Opportunity KS</i>						
12026 008 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 403	Wainwright F	Closed
<i>Accelerating Opportunity KS</i>						
12027 050 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	GEB 381	Hall S	Closed
<i>Accelerating Opportunity KS</i>						
12028 100 F2F	-T-R---	06:00-07:15 PM	01/22/19-05/24/19	GEB 381	Tomlin C	Closed
<i>Accelerating Opportunity KS</i>						
12029 102 F2F	M-----	01:00-03:50 PM	01/28/19-05/24/19	GEB 381	Sutherlin C	Closed
<i>Accelerating Opportunity KS</i>						
12030 200 F2F	-T-R---	02:00-03:25 PM	02/05/19-05/24/19	GEB 381	Byrne M	Closed
<i>Accelerating Opportunity KS</i>						
12031 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Fischer E	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. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						
12032 351 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						
12033 370 ONLNE	-----	-	02/04/19-05/24/19	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 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.						

MATH 130 - Technical Mathematics I

This course is the first of a two-semester sequence that will introduce the mathematical skills and concepts necessary in technical work. It will focus on the basics of algebra, geometry and their applications. Topics will include operations with polynomials, linear equations, systems of equations, formulas and basic geometry. 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
12046 020 F2F	M-W----	08:00-09:15 AM	01/23/19-05/24/19	SCI 118	Haehl M	Closed
12047 050 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	OCB 332	Wang S	Closed
12073 350 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This course is the first of a two-semester sequence that will introduce the mathematical skills and concepts necessary in technical work. It will focus on the basics of algebra, geometry and their applications. Topics will include operations with polynomials, linear equations, systems of equations, formulas and basic geometry. 3 hrs. lecture/wk. Prerequisites: MATH 111 with a grade of "C" or higher or an appropriate score on the math placement test.

MATH 131 - Technical Mathematics II

This course is the second of a two-semester sequence on the mathematical skills and concepts necessary in technical work. It will focus on more advanced algebraic skills, solving equations, and trigonometry. The topics will include polynomials, rational expressions, radical expressions, complex numbers, solving quadratic, rational, radical, exponential and logarithmic equations, and working with basic trigonometry. 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
12074 100 F2F	-T-R---	05:30-06:45 PM	01/22/19-05/24/19	CLB 207	Dickey S	Closed

MATH 165 - Finite Mathematics

This course will emphasize the beauty, scope, practical applications and relevance of mathematics. It is designed to involve the students with the concepts as well as quantitative skills. Topics include set theory, symbolic logic, deductive reasoning, probability, statistics, mathematics of finance, systems of equations, matrix algebra and linear programming. 3 hrs. lecture/wk.

Credit Hours: 3

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_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12507 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	OCB 332	McChesney T	Closed

KBOR Seamless Transfer

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
12075 001 F2F	MTWRF--	08:00-08:50 AM	01/22/19-05/24/19	OCB 332	Balman B	Closed

KBOR Seamless Transfer

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12076 002 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	GEB 315	Goodman C	Closed
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KBOR Seamless Transfer

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12077 003 F2F	MTWRF--	12:00-12:50 PM	01/22/19-05/24/19	GEB 313	Goodman C	Closed
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KBOR Seamless Transfer

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. This course incorporates sustainability themes as part of JCCC's sustainability across the curriculum initiative. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12078 004 F2F	MTWRF--	02:00-02:50 PM	01/22/19-05/24/19	OCB 332	Dotson G	Closed
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KBOR Seamless Transfer

Note: This 3 credit hour class meets 5 hours per week to allow for more contact with the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.


12079 020 F2F	M-W-F--	07:00-07:50 AM	01/23/19-05/24/19	CLB 203	McCoy M	Closed
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KBOR Seamless Transfer

12080 022 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 403	McCoy M	Closed
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KBOR Seamless Transfer

CRN	Days	Time	Date	Location	Instructor	Seats Open
12081 024 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 402	Dunham J	Closed
<i>KBOR Seamless Transfer</i>						
12082 026 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 403	Wang S	Closed
<i>KBOR Seamless Transfer</i>						
12083 028 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 209	Kennett J	Closed
<i>KBOR Seamless Transfer</i>						
12104 030 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 313	Kennett J	Closed
<i>KBOR Seamless Transfer</i>						
12105 032 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 211	Wang S	Closed
<i>KBOR Seamless Transfer</i>						
12106 034 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 402	Lefert K	Closed
<i>KBOR Seamless Transfer</i>						
12107 036 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 402	Imm C	Closed
<i>KBOR Seamless Transfer</i>						
<p>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 COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.</p>						
12108 038 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 332	Gibbs A	Closed
<i>KBOR Seamless Transfer</i>						
12109 040 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 209	Turner W	Closed
<i>KBOR Seamless Transfer</i>						
12110 042 F2F	M-W----	03:30-04:45 PM	01/23/19-05/22/19	CLB 203	Valle C	Closed
<i>KBOR Seamless Transfer</i>						
12111 050 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 203	Wainwright F	Closed
<i>KBOR Seamless Transfer</i>						
12112 051 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 402	Turner W	Closed
<i>KBOR Seamless Transfer</i>						
12113 052 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 403	Harris R	Closed
<i>KBOR Seamless Transfer</i>						
12114 054 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 403	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
12115 056 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 211	Fischer E	Closed
<i>KBOR Seamless Transfer</i>						
12116 058 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 313	Wainwright F	Closed
<i>KBOR Seamless Transfer</i>						
12117 060 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 403	Jaggard C	Closed
<i>KBOR Seamless Transfer</i>						
12118 062 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 205	Hatcher D	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
12119 064 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 203	Jaggard C	Closed
<i>KBOR Seamless Transfer</i>						
12120 066 F2F	-T-R---	06:00-07:15 PM	01/22/19-05/24/19	CLB 209	Irfan S	Closed
<i>KBOR Seamless Transfer</i>						
12121 100 F2F	M-W----	04:00-06:50 PM	03/25/19-05/15/19	GEB 381	Bischoff E	Closed
<i>KBOR Seamless Transfer</i>						
12122 102 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CLB 203	Greenwood J	Closed
<i>KBOR Seamless Transfer</i>						
12123 104 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CLB 203	Cooper S	Closed
<i>KBOR Seamless Transfer</i>						
12124 106 F2F	-----S-	09:00-11:50 AM	01/26/19-05/24/19	CLB 203	Shehab S	Closed
<i>KBOR Seamless Transfer</i>						
12125 200 F2F	M-W-F--	09:00-09:55 AM	02/04/19-05/24/19	GEB 313	Gulati R	Closed
<i>KBOR Seamless Transfer</i>						
12156 202 F2F	M-W-F--	02:00-02:55 PM	02/04/19-05/24/19	GEB 315	Houghton J	Closed
<i>KBOR Seamless Transfer</i>						
12158 204 F2F	-T-R---	12:30-01:55 PM	02/05/19-05/24/19	CLB 205	Putnam T	Closed
<i>KBOR Seamless Transfer</i>						
12160 206 F2F	-T-R---	06:00-07:25 PM	02/05/19-05/24/19	 OHEC 105	Shehab S	Closed
<i>KBOR Seamless Transfer</i>						
12163 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Barlow R	Closed
<i>KBOR Seamless Transfer</i>						
<p>Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.</p>						
12164 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Barlow R	Closed
<i>KBOR Seamless Transfer</i>						
<p>Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.</p>						
12165 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Imm C	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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12166	353 ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12167	354 ONLNE	-----	-	01/22/19-05/24/19	Online	Lewis J	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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12168	355 ONLNE	-----	-	01/22/19-05/24/19	Online	Palcic 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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12169	356 ONLNE	-----	-	01/22/19-05/24/19	Online	Dunham J	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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12170	357 ONLNE	-----	-	01/22/19-05/24/19	Online	Hatcher D	Closed
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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. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12171	370 ONLINE	-----	-	02/04/19-05/24/19	Online	Palcic 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 12 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. 3 or 5 hrs./wk. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

12397	450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Deas M	18 of 50
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KBOR Seamless Transfer

Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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>) COURSE DESCRIPTION: This course focuses on the study of functions and their graphs, techniques of solving equations and applications. Students will analyze and graph functions, including constant, linear, quadratic, piecewise-defined, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, absolute value equations, radical equations, rational equations, exponential equations, logarithmic equations, systems of linear and non-linear equations and systems of linear inequalities; and apply functions in real-world situations. Prerequisites: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test. Requirement: Department approval

MATH 172 - Trigonometry

This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. 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
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12172	020 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 340	Harris R	Closed
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KBOR Seamless Transfer

12173	022 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 332	McChesney T	Closed
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KBOR Seamless Transfer

12174	024 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	GEB 313	Harris R	Closed
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KBOR Seamless Transfer

12175	050 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 381	Edmonds B	Closed
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KBOR Seamless Transfer

12176	052 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 402	Edmonds B	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
12177 100 F2F	M-W----	06:00-07:15 PM	01/23/19-05/24/19	GEB 315	Irfan S	Closed
<i>KBOR Seamless Transfer</i>						
12178 200 F2F	-T-R---	11:00-12:25 PM	02/05/19-05/24/19	CLB 402	Putnam T	Closed
<i>KBOR Seamless Transfer</i>						
12179 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Lewis 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. COURSE DESCRIPTION: This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. 3 hrs. lecture/wk. Prerequisites: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

12398 450 SEL ----- - 01/22/19-05/22/20 **Self Paced** Veer P 21 of 30

KBOR Seamless Transfer

Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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>) COURSE DESCRIPTION: This is a course in trigonometric functions and graphs. Emphasis will be on understanding function notation, definitions, algebraic relations, real-world applications, graphing in the real and complex plane, inverse functions, polar functions and vectors. Prerequisites: MATH 171 with a grade of "C" or higher or appropriate score on the math placement test.

Requirement: Department approval

MATH 173 - Precalculus

MATH 173 is an accelerated course recommended for students with a strong high school math background (three to four years) who plan to take calculus. This course focuses on the study of functions and their graphs, solving equations and inequalities, recognition and creation of patterns, and the use of mathematical models. Included in the course are linear, power, polynomial, rational, radical, exponential, logarithmic, trigonometric and absolute value functions. Prerequisite: MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

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
12180 020 F2F	MTWRF--	10:00-10:50 AM	01/22/19-05/24/19	GEB 315	Balman B	Closed
12181 022 F2F	MTWRF--	12:00-12:50 PM	01/22/19-05/24/19	GEB 340	Menning M	Closed
12182 050 F2F	MTWRF--	02:00-02:50 PM	01/22/19-05/24/19	CLB 402	Goodman C	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
12184 020 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 213	Helgeson D	Closed
<i>KBOR Seamless Transfer</i>						
12069 022 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 213	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
12185 024 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 213	Siebert K	Closed
<i>KBOR Seamless Transfer</i>						
12186 026 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 213	Grondahl R	Closed
<i>KBOR Seamless Transfer</i>						
12187 028 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 213	Grondahl R	Closed
<i>KBOR Seamless Transfer</i>						
12188 030 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	CLB 213	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
12189 050 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CLB 213	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
12190 052 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 213	Siebert K	Closed
<i>KBOR Seamless Transfer</i>						
12191 054 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 213	Jacobs L	Closed
<i>KBOR Seamless Transfer</i>						
12192 056 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 213	Palcic R	Closed
<i>KBOR Seamless Transfer</i>						
12193 058 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CLB 213	Palcic R	Closed
<i>KBOR Seamless Transfer</i>						
12194 100 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CLB 209	Shehab S	Closed
<i>KBOR Seamless Transfer</i>						
12195 102 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	CLB 213	Haverhals E	Closed
<i>KBOR Seamless Transfer</i>						
12197 200 F2F	M-W-F--	08:00-08:55 AM	02/04/19-05/24/19	CLB 213	Sutherlin C	Closed
<i>KBOR Seamless Transfer</i>						
12198 202 F2F	-T-R---	12:30-01:55 PM	02/05/19-05/24/19	CLB 209	Voss-Schoonover L	Closed
<i>KBOR Seamless Transfer</i>						
12200 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Gibbs A	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open		
<i>KBOR Seamless Transfer</i>								
Note: In this online course, it is expected that students will work daily for a total of at least 10 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
12201	351	ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
12202	352	ONLNE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This is a beginning course in statistical analysis, the skill of making sense of raw data, constructing graphical representations of data, developing models for making predictions, performing tests to determine significant change and finding intervals for population values. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, distributions, hypothesis testing, regression and correlation. Use of technology will be incorporated into course topics. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
12203	353	ONLNE	-----	-	01/22/19-05/24/19	Online	Palcic R	Closed

<i>KBOR Seamless Transfer</i>								
Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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) 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. Prerequisites: MATH 171 or MATH 173 or an equivalent course with a grade of "C" or higher or appropriate score on the math placement test.								
12399	450	SEL	-----	-	01/22/19-05/22/20	Self Paced	Veer P	6 of 30
Requirement: Department approval								

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
12205 020 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 381	Wainwright F	Closed
<i>KBOR Seamless Transfer</i>						
12206 022 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 402	Lefert K	Closed
<i>KBOR Seamless Transfer</i>						
12207 024 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 381	Keslar C	Closed
<i>KBOR Seamless Transfer</i>						
12208 050 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 402	Lefert K	Closed
<i>KBOR Seamless Transfer</i>						
12209 052 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 381	Hatcher D	Closed
<i>KBOR Seamless Transfer</i>						
12210 054 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 340	Hatcher D	Closed
<i>KBOR Seamless Transfer</i>						
12212 350 ONLINE	-----	-	01/22/19-05/24/19	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. COURSE DESCRIPTION: This is the first course in calculus as it applies to business; the social, behavioral and biomedical sciences; and other fields. Concepts include measuring the slope of a curve, writing equations of tangent lines, finding maximum and minimum points, determining the rate of change of a function, and measuring the area under a curve. Algebraic skills and application problems are stressed. Specific calculus topics include finding limits; differentiation of algebraic, exponential and logarithmic functions; and integration of algebraic and exponential functions. Trigonometry (MATH 172) can be taken concurrently with MATH 231 for those students planning to enroll in MATH 232 in subsequent semesters. 3 hrs. lecture/wk. Prerequisites: MATH 171 or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.

MATH 241 - Calculus I

This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 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
12214 022 F2F	MTWRF--	09:00-09:50 AM	01/22/19-05/24/19	GEB 315	Menning M	Closed
<i>KBOR Seamless Transfer</i>						
12215 024 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	GEB 313	Lewis J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
Note: The instructor for this class uses the Flipped Classroom format of teaching. Students will be expected to have access to a computer and use videos and a software system to prepare for the classroom discussion and activities. For more information, please contact the instructor at jlewis@jccc.edu COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.						
12216 026 F2F	MTWRF--	01:00-01:50 PM	01/22/19-05/24/19	GEB 315	McChesney T	Closed
<i>KBOR Seamless Transfer</i>						
12217 028 F2F	M-W-F--	02:00-03:25 PM	01/23/19-05/24/19	GEB 340	Gibbs A	Closed
<i>KBOR Seamless Transfer</i>						
12218 100 F2F	-T-R---	06:00-08:15 PM	01/22/19-05/24/19	CLB 403	Dotson G	Closed
<i>KBOR Seamless Transfer</i>						
12219 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Edmonds B	Closed
<i>KBOR Seamless Transfer</i>						
Note: In this online course, it is expected that students will work daily for a minimum of 15 to 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. 5 hrs. lecture/wk. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test.						
12400 450 SEL	-----	-	01/22/19-05/22/20	Self Paced	Veer P	14 of 30

KBOR Seamless Transfer

Note: Spring students can begin their study in this self-paced math course up through April 1, 2019, however department approval to enroll is required. To begin the department 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>) COURSE DESCRIPTION: This is the first of a three-semester sequence on calculus designed for engineering, physics and math majors. Rates of change and areas will be studied. To accomplish this, the students will study and apply limits and continuity. Differentiation and integration of algebraic, trigonometric and transcendental functions will also be a major focus of this course. Prerequisites: Either (MATH 171 and MATH 172 with a grade of "C" or higher) or MATH 173 with a grade of "C" or higher or an appropriate score on a placement test. 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
12220 020 F2F	MTWRF--	08:00-08:50 AM	01/22/19-05/24/19	GEB 315	Jacobs L	Closed
12221 022 F2F	MTWRF--	10:00-10:50 AM	01/22/19-05/24/19	GEB 340	Grondahl R	Closed
12222 024 F2F	MTWRF--	11:00-11:50 AM	01/22/19-05/24/19	GEB 340	Helgeson D	Closed
12223 026 F2F	MTWRF--	12:00-12:50 PM	01/22/19-05/24/19	GEB 315	Edmonds B	Closed
12224 100 F2F	M-W----	06:00-08:15 PM	01/23/19-05/24/19	CLB 403	Dotson G	Closed
12225 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Grondahl R	Closed

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 minimum of 15 to 20 hours each week in order to meet all deadlines. One or more proctored exams will be taken on-campus in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and complete other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor. COURSE DESCRIPTION: This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. 5 hrs. lecture/wk. Prerequisites: MATH 241 with a grade of "C" or higher.

MATH 243 - Calculus III

This is the third course in a three-semester sequence on analytic geometry and calculus. Topics include vector-valued functions, functions of several variables, multiple integration, and vector analysis. 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
12226 020 F2F	MTWRF--	08:00-08:50 AM	01/22/19-05/24/19	CLB 412	Edmonds B	Closed
12227 022 F2F	MTWRF--	01:00-01:50 PM	01/22/19-05/24/19	GEB 340	Siebert K	Closed
12228 100 F2F	M-W----	06:00-08:15 PM	01/23/19-05/24/19	GEB 313	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
12229 020 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CLB 203	Jacobs L	Closed

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
12230 020 F2F	M-W----	02:00-03:50 PM	01/23/19-05/24/19	CLB 403	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
12231 020 F2F	MTWR---	08:00-08:50 AM	01/22/19-05/24/19	CLB 209	Keslar C	Closed
12232 100 F2F	M-W----	06:00-07:50 PM	01/23/19-05/24/19	CLB 213	Valle C	Closed

MATH 292 - Special Topics:

MATH 292 allows students to investigate in-depth a single theme or topic in mathematics. This may be accomplished by expanding upon a subject introduced in current course offerings or exploring a subject not addressed in the curriculum of the mathematics department. Special Topics may be repeated for credit but only on different topics. Total contact hours vary with topic.

Credit Hours: 1

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12233 020 F2F	-T-R---	11:00-11:50 AM	01/22/19-03/14/19	OCB 332	McChesney T	Closed

This section's title is **Special Topics: Symbolic Logic in Mathematics**.

Note: This course will introduce the student to principles of logic statements, syllogisms, and arguments by studying the tools found in symbolic logic. This course is intended for STEM and liberal arts students who have completed College Algebra or a higher level math course. For prerequisite evaluation and approval, contact Math Department. COURSE DESCRIPTION: MATH 292 allows students to investigate in-depth a single theme or topic in mathematics. This may be accomplished by expanding upon a subject introduced in current course offerings or exploring a subject not addressed in the curriculum of the mathematics department. Special Topics may be repeated for credit but only on different topics. Total contact hours vary with topic. Prerequisites: Department approval.

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
10021 001 F2F	---R---	08:00-08:50 AM	01/24/19-05/24/19	ATB 132	Crompton S	Closed
	Lab ---R---	09:00-12:50 PM	01/24/19-05/24/19	ATB 150		
<i>Co-requisite to enroll in SB 155 Excel in CTE</i>						
10022 002 F2F	M-----	08:00-08:50 AM	01/28/19-05/24/19	ATB 183	Crompton S	Closed
	Lab M-----	09:00-12:50 PM	01/28/19-05/24/19	ATB 150		
<i>Co-requisite to enroll in SB 155 Excel in CTE</i>						
10023 003 F2F	-T-----	08:00-08:50 AM	01/22/19-05/24/19	ATB 134	Crompton S	Closed
	Lab -T-----	09:00-12:50 PM	01/22/19-05/24/19	ATB 150		
<i>SB 155 Excel in CTE Co-requisite to enroll in</i>						
12777 004 F2F	-----S-	08:00-08:50 AM	01/26/19-05/24/19	ATB 142	Crompton S	Closed
	Lab -----S-	09:00-12:50 PM	01/26/19-05/24/19	ATB 150		
<i>SB 155 Excel in CTE Co-requisite to enroll in</i>						

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
10024 001 F2F	-T-----	05:00-05:50 PM	01/29/19-05/24/19	ATB 128	Poe A	Closed
	Lab -T-----	06:00-09:50 PM	01/29/19-05/24/19	ATB 146		
<i>SB 155 Excel in CTE</i>						
12567 002 F2F	M-----	05:00-05:50 PM	01/28/19-05/24/19	ATB 129	Tanking J	Closed
	Lab M-----	06:00-09:50 PM	01/28/19-05/24/19	ATB 146		
<i>SB 155 Excel in CTE</i>						

MFAB 131 - Shielded Metal Arc Welding (SMAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will describe the Shielded Metal Arc Welding process (SMAW); demonstrate the safe and correct setup of the SMAW workstation; associate SMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in

the flat position; build pads of weld beads with selected electrodes in the horizontal position; perform basic SMAW welds on selected weld joints; and perform visual inspection of welds. 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
10025 001 F2F	---R---	05:00-05:50 PM	01/24/19-05/24/19	WLB 102	Neal-Stovall M	Closed
	Lab ---R---	06:00-09:50 PM	01/24/19-05/24/19	WLB 110		

SB 155 Excel in CTE

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
10026 001 F2F	-T-R---	05:00-05:50 PM	01/22/19-03/14/19	ATB 134	Ingram W	Closed
	Lab -T-R---	06:00-09:50 PM	01/22/19-03/14/19	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
10038 001 F2F	M-W----	05:00-05:50 PM	01/23/19-03/13/19	ATB 131	Massey J	Closed
	Lab M-W----	06:00-09:50 PM	01/23/19-03/13/19	ATB 150		

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
10039 001 F2F	M-----	06:00-07:50 PM	01/28/19-05/24/19	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
10040 001 F2F	MTWR---	12:00-12:50 PM	01/22/19-02/14/19	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	01/22/19-02/14/19	ATB 150		

SB 155 Excel in CTE

Note: Students must enroll in all three sections: MFAB 205 (10040), MFAB 210 (10042), and MFAB 241 (10043)

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
10042 001 F2F	MTWR---	12:00-12:50 PM	02/18/19-03/14/19	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	02/18/19-03/14/19	ATB 150		

SB 155 Excel in CTE

Note: Students must enroll in all three sections: MFAB 205 (10040), MFAB 210 (10042) and MFAB 241 (10043)

12566 002 F2F	-T-R---	05:00-05:50 PM	03/26/19-05/16/19	ATB 134	Ingram W	Closed
	Lab -T-R---	06:00-09:50 PM	03/26/19-05/19/19	ATB 150		

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
10044 001 F2F	--W----	10:00-11:50 AM	01/30/19-05/24/19	ATB 129	Tremain R	Closed
12763 002 F2F	---R---	06:00-07:50 PM	01/24/19-05/24/19	ATB 133	Meyers G	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
10043 001 F2F	MTWR---	12:00-12:50 PM	03/25/19-04/18/19	ATB 131	Tremain R	Closed
	Lab MTWR---	01:00-04:50 PM	03/25/19-04/18/19	ATB 150		

SB 155 Excel in CTE

Note: Students must enroll in all three sections: MFAB 205 (10040), MFAB 210 (10042) and MFAB 241 (10043)

12564 002 F2F	M-W----	05:00-05:50 PM	03/25/19-05/15/19	ATB 131	Massey J	Closed
	Lab M-W----	06:00-09:50 PM	03/25/19-05/15/19	ATB 150		

SB 155 Excel in CTE

MFAB 250 - Fabrication Practices II

Upon completion of this class, the student should be able to work from discipline specific drawings to manufacture and assemble a mock piping loop, storage tank/vessel, and miscellaneous parts. This class is intended to serve all MFAB graduate students and current MFAB students who have completed the fundamental skills coursework within the metal fabrication certificate or degree programs. The Fabrication Practices II class is part two 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 pressure holding tanks and pressure vessels. Coursework will focus on modern welded fabrication techniques and practices used in the manufacturing and installation of steel pipe, tank and vessel systems, and miscellaneous welded mechanical structural 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

Prerequisite: MFAB 215

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10045 001 F2F	--W----	05:00-05:50 PM	01/30/19-05/24/19	WLB 102	Crompton S	Closed
	Lab --W----	06:00-09:50 PM	01/30/19-05/24/19	WLB 152		

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
10046 001 F2F	---R---	05:00-05:50 PM	01/24/19-05/24/19	ATB 128	Tanking J	Closed
	Lab ---R---	06:00-09:50 PM	01/24/19-05/24/19	ATB 146		

SB 155 Excel in CTE

MFAB 259 - Shielded Metal Arc Welding (SMAW) III

Upon successful completion of this course, the student should be able to weld one-inch thick groove joints in the flat (1G), horizontal (2G), vertical up, (3G) and overhead (4G) weld positions, with and/or without backing to industry standards. The course will cover unlimited thickness qualifications. Students will use heat sensing tools and equipment to pre heat, maintain inter-pass temperature, and properly post heat selected welds. 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. 1hr. lecture, 4hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Prerequisite: MFAB 205

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_259)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
10047 001 F2F	M-----	05:00-05:50 PM	01/28/19-05/24/19	WLB 102	Neal-Stovall M	Closed
	Lab M-----	06:00-09:50 PM	01/28/19-05/24/19	WLB 130		

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
10641 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Kraus A	Closed

SB 155 Excel in CTE

MIRM 141 - Computer Systems for Health Information Management Professionals

This course introduces students to various information systems and technologies used in non-clinical and clinical areas of healthcare. Students will also explore the emergence of electronic health records and health information exchange activities, as well as the health policy environment influencing the use of technology in healthcare. Simulation using health information systems, electronic health records, administrative information systems and encoder software is embedded in this course to provide insight into health information management operations. The importance of data quality as a foundation to meaningful information within healthcare information systems is emphasized. 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
10642 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Kraus A	Closed

SB 155 Excel in CTE

MIRM 142 - Legal and Ethical Issues in Healthcare

This course introduces the U.S. legal system, laws and ethical issues and how they relate to healthcare. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10643 350 ONLINE	-----	-	01/22/19-05/24/19	Online	King C	Closed
10644 351 ONLINE	-----	-	01/22/19-05/24/19	Online	King C	Closed

MIRM 143 - Coding Classification Systems I

This course focuses on the International Classification of Diseases 9th revision clinical modification (ICD-9-CM), as well as the 10th revision clinical modification and procedural coding system (ICD-10-CM/PCS) used in medical coding. Students will learn the role of ICD-9-CM and ICD-10-CM/PCS in coding for inpatient healthcare encounters, as well as the use of ICD-9-CM and ICD-10-CM codes for diagnosis coding in ambulatory and physician service settings. Students will examine the evolution from ICD-9-CM to ICD-10-CM/PCS in the United States, as well as compare and contrast between the 9th and 10th revisions of ICD. Instruction focuses on the importance of ethical conduct for coding professionals. 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
10645 001 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	RC 342	Spiegel J	Closed

SB 155 Excel in CTE

MIRM 144 - Coding Classification Systems II

This course focuses on Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) coding classification systems. Students learn the role of CPT and HCPCS in coding for outpatient services and procedures, as well as physician services. Instruction focuses on the importance of ethical conduct for coding professionals. 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
10646 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 342	Bible S	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
10647 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Kraus A	Closed

SB 155 Excel in CTE

MIRM 146 - Coding Classification Systems III

This course focuses on intermediate-level content related to diagnosis and procedure coding. Students will build upon entry-level knowledge of diagnosis and procedure coding for hospitals, ambulatory healthcare settings and physician services. Students will apply this knowledge to more complex coding topics and exercises. Instruction focuses on the importance of ethical conduct for coding professionals. 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
10661 001 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	RC 221	Kraus A	Closed

SB 155 Excel in CTE

MIRM 147 - Introduction to Pharmacology

This course introduces basic concepts of pharmacology and provides an overview of various types of medications. Students will also examine common medical conditions categorized by body system and identify commonly used pharmacologic treatments. An explanation of how assorted medications work within the body will be provided. After successful completion of this course, students will be able to comprehend health record documentation pertaining to medications and their uses in patient care. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: BIOL 144 and HC 130

Outline (http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_147)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10662 001 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 185	D'Albini L	Closed

SB 155 Excel in CTE

MIRM 148 - Medical Coding Internship

This internship provides students with real-world coding experience in a healthcare facility. Students will shadow professional coders, as well as practice coding for a 40-hour work week. This internship also introduces students to various departments and professionals whose job functions relate to the work of medical coders through tours and interviews in the healthcare facility, with approximately 8 hours spent in this capacity. Students will prepare a daily journal describing their internship experiences. This internship includes 48 hours of internship responsibilities. A background check will be conducted on each student for internship placement purposes. Some healthcare facilities may require TB skin tests and/or drug screens for interns.

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
10663 500 INT	M-----	05:00-05:50 PM	01/28/19-01/28/19	RC 185	Kraus A	2 of 7
	-----	-	01/28/19-05/24/19			

SB 155 Excel in CTE

Requirement: Department approval

Marketing Management

MKT 121 - Retail Management

Upon successful completion of this course, the student should be able to describe and analyze retail store organization and operation including customer markets, store location and design, human resource management, merchandise planning and control, and retail promotion. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12286 001 F2F	M-W----	12:30-01:45 PM	01/22/19-05/24/19	LIB 353B	Hulen P	Closed

SB 155 Excel in CTE

12287 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hulen P	Closed
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SB 155 Excel in CTE

MKT 134 - Professional Selling

Upon successful completion of this course, the student should be able to describe the process of successful selling. In addition, the student should be able to define the steps of selling and identify appropriate application. The student should also be able to apply selling principles through role-play. 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
12288 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 258	Hulen P	Closed

SB 155 Excel in CTE

12289 350 ONLNE	-----	-	02/04/19-05/24/19	Online	Smith B	Closed
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SB 155 Excel in CTE

12290 351 ONLNE	-----	-	03/25/19-05/19/19	Online	Smith B	Closed
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SB 155 Excel in CTE

MKT 146 - Introduction to Social Media Marketing

Students in this course will survey usage of social media for marketing purposes. This course will study the relevance and importance of new and emerging marketing processes within social media. Students will analyze basic practical social media as well as learn "best practices" and use different social media throughout the class to create content. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12291 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Spilde B	Closed

SB 155 Excel in CTE

12292 351 ONLNE	-----	-	02/04/19-05/24/19	Online	Spilde B	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>SB 155 Excel in CTE</i>						
12293 352 ONLINE	-----	-	03/25/19-05/19/19	Online	Lambert D	Closed

SB 155 Excel in CTE

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
12294 376 HYB	-----	-	02/04/19-05/24/19	Online	Hulen P	Closed
	---R---	02:00-04:00 PM	02/07/19-02/07/19	OCB 107		
	---R---	02:00-04:00 PM	03/14/19-03/14/19	OCB 107		
	---R---	02:00-04:00 PM	04/04/19-04/04/19	OCB 107		
	---R---	02:00-04:00 PM	05/02/19-05/02/19	OCB 107		

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
12295 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 122	Hollister A	Closed
12296 350 ONLINE	-----	-	02/04/19-05/24/19	Online	Lundeen S	Closed

MKT 205 - eMarketing

The Internet has led to an increasingly connected environment, and the growth of Internet usage has resulted in the declining distribution of traditional media: television, radio, newspapers, and magazines. Marketing in this connected environment and using that connectivity to market is eMarketing. In this course, the student will understand and recognize the importance of an integrated eMarketing communications plan in order to coordinate all of the promotional mix and marketing communications elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, social media, web design, public relations and interactive media. The course integrates theory with planning,

management and strategy plus hands-on experience. eMarketing explores how to use integrated web, email and database technologies in pre-built, personalized marketing campaigns to acquire and retain customers. Upon completion, the student will be able to develop an effective eMarketing communications program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12297 350 ONLNE	-----	-	01/28/19-05/24/19	Online	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12298 351 ONLNE	-----	-	03/25/19-05/19/19	Online	Webb E	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
12299 001 F2F	M-W-F--	10:00-10:50 AM	01/22/19-05/24/19	GEB 215	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12300 002 F2F	M-W-F--	11:00-11:50 AM	01/22/19-05/24/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12301 003 F2F	M-W-F--	01:00-01:50 PM	01/22/19-05/24/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12302 004 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 258	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12303 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hollister A	Closed
<i>SB 155 Excel in CTE</i>						
12304 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Lundeen S	Closed
<i>SB 155 Excel in CTE</i>						
12305 352 ONLNE	-----	-	02/04/19-05/24/19	Online	Crane K	Closed
<i>SB 155 Excel in CTE</i>						
12306 353 ONLNE	-----	-	03/25/19-05/19/19	Online	Hulen P	Closed
<i>SB 155 Excel in CTE</i>						
12307 354 ONLNE	-----	-	03/25/19-05/19/19	Online	Lundeen S	Closed
<i>SB 155 Excel in CTE</i>						

MKT 234 - Services Marketing

Upon successful completion of this course, the student should be able to describe the functioning of a services economy. In addition, students should be able to describe and define the nature and characteristics of services and the way services are required to be marketed because of their intangible core. Additionally, students should be able to describe service quality, the foundation of services marketing and the success factors in services marketing. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite or corequisite: MKT 230

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12308 350 ONLNE	-----	-	02/18/19-05/19/19	Online	Lambert D	Closed

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
12310 350 ONLNE	-----	-	02/04/19-05/24/19	Online	Smith B	Closed

SB 155 Excel in CTE

MKT 275 - Marketing Analytics and CRM (Customer Relationship Management)

This course will focus on the principles and strategic concepts of marketing analytics and customer relationship management (CRM). Digital marketing analytics uses digital models and metrics to improve marketing decisions and return on marketing investment (ROMI). Students will analyze the most up-to-date technologies in digital data analytics, automated marketing, database management and CRM, as well as the role of business intelligence based on data in this process. Furthermore, the student will interpret the value of analytics and CRM in uncovering the human element in data and discovering behavioral insights that lead to higher profits. At the core of this class is the application of database marketing and maintaining profitable customer relationships. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12311 350 ONLNE	-----	-	02/04/19-05/24/19	Online	Hollister A	Closed

MKT 284 - Marketing Management Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 48 hours, per semester, of on-the-job training is required.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12312 500 INT	-----	-	01/22/19-05/24/19		Hulen P	8 of 18

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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_286\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12313 500 INT	-----	-	01/22/19-05/24/19		Hulen P	6 of 7

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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_290\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12314 960 ONLNE	-----	-	01/22/19-05/24/19	Online	Hulen P	Closed

SB 155 Excel in CTE

Note: MKT 180 may be taken as either a prerequisite OR a corequisite to MKT 290.

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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
11514 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	OCB 144	Peters C	Closed
<i>KBOR Seamless Transfer</i>						
11515 002 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	OCB 144	Ray J	Closed
<i>KBOR Seamless Transfer</i>						
11516 003 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	OCB 144	Ray J	Closed
<i>KBOR Seamless Transfer</i>						
11517 004 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 144	Pischnotte Z	Closed
<i>KBOR Seamless Transfer</i>						
11518 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Teal T	Closed
<i>KBOR Seamless Transfer</i>						
11519 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Kern J	Closed
<i>KBOR Seamless Transfer</i>						
11520 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Peters C	Closed
<i>KBOR Seamless Transfer</i>						
11521 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Pischnotte Z	Closed
<i>KBOR Seamless Transfer</i>						

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
11522 001 F2F	-T-R---	11:00-11:50 AM	01/22/19-05/24/19	OCB 192	Shiflett K	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
11527 001 F2F	M-W----	11:00-11:50 AM	01/23/19-05/24/19	OCB 144	Shiflett K	Closed
11528 002 F2F	-T-R---	12:30-01:20 PM	01/22/19-05/24/19	OCB 144	Shiflett K	Closed

MUS 125 - Introduction to Jazz Listening

This is an entry-level course for the student with little or no prior knowledge of the American art form of jazz music. Through reading and listening, the student will learn the basic structure of the elements of music and how these are organized to create jazz. Topics to be covered will include rhythm, harmony, and form; Dixieland style; swing style; bop; and contemporary jazz. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11531 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Heinlein R	Closed
12863 352 ONLNE	-----	-	03/25/19-05/19/19	Online	Heinlein R	Closed

MUS 126 - Introduction to World Music

This course provides students with an introduction to the musical heritage of the world. Through an interdisciplinary approach targeting the arts, humanities and social sciences, the course fosters skills necessary to gain a deeper appreciation of both familiar and unfamiliar musical traditions. The course will survey a representative cross section of the major musical traditions of the world, which may include Native American, Black American, sub-Saharan African, Eastern European/Bosnian, Indian, Indonesian, Japanese and Latin American/Brazilian traditions. Note: The course does not require the ability to read music. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11532 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 144	Lower J	Closed
11533 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Lower J	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
11535 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	LIB 353B	Fitzer H	Closed
11537 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Fitzer H	Closed
11538 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Fitzer H	Closed

MUS 132 - Sight-Singing and Ear Training II

This course is a continuation of the class Sight-singing and Ear Training I. The content is designed to complement the Harmony II course though it is not necessary they be taken in the same semester. 2 hrs. lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 2

Prerequisite: MUS 131

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11539 001 F2F	-T-R---	10:00-10:50 AM	01/22/19-05/24/19	OCB 192	Heinlein R	Closed

MUS 141 - Music Theory: Harmony I

This course is a basic study of the harmonic system sited in Western music composed from 1650 to 1900 and still in use in areas of music composition. Students will learn the basic skills involved in writing and analyzing music of this nature, as well as play simple chord progressions on the piano. 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
12578 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

KBOR Seamless Transfer

MUS 142 - Music Theory: Harmony II

Harmony II is a continuation of the study of the harmonic system used in music composed from 1650 to 1900 and still in use in certain areas of music composition. The course covers use of non-harmonic tones, supertonic and dominant sevenths, functions of the submediant and mediant triads, advanced melodic writing and secondary dominant chords. Student will learn to harmonize melodies at the keyboard and play simple chord progressions on the piano. Music of the period will be analyzed. Selected software programs will enhance student skills and understanding. 3 hrs.lecture/wk. This course is typically taught in the spring semester.

Credit Hours: 3

Prerequisite: MUS 141 or passing equivalency test

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11541 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

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
11542 001 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 152 - Mixed Vocal Ensemble II

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 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
11544 001 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 153 - Mixed Vocal Ensemble III

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 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
11545 001 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 154 - Mixed Vocal Ensemble IV

Choral ensembles are open to participation by the student body. Choral experience or skill is desired in some ensembles but not in others. The ensemble will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. The literature will be specific to the nature of the group and the skills of the students involved. 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
11547 001 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 155 - Introduction to the Recording Studio

This course is design to provide a basic overview of the contemporary digital recording studio. Students will learn though demonstration and practice how to use current hardware and software used to produce music. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11569 001 F2F	M-W----	03:00-03:50 PM	01/23/19-05/24/19	OCB 364	King-Smith T	Closed
11570 002 F2F	M-W----	04:00-04:50 PM	01/23/19-05/24/19	OCB 364	King-Smith T	Closed

MUS 156 - MIDI Music Composition

MIDI Music Composition I is designed to create a technical and conceptual foundation for further studies in electronic music. Students will learn and demonstrate basic compositional techniques, including form, melody, rhythm and harmony. Also, the student will demonstrate the ability to use computers and software to create and perform music. Emphasis will be on developing skills appropriate to the beginning student for the purpose of creative and technical expression. 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
11572 001 F2F	-T-R---	09:00-10:50 AM	01/22/19-05/24/19	OCB 364	Moreland M	Closed
11573 002 F2F	-T-R---	01:00-02:50 PM	01/22/19-05/24/19	OCB 364	Olvera V	Closed
11574 003 F2F	M-W----	01:00-02:50 PM	01/23/19-05/24/19	OCB 364	Moreland M	Closed

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
11577 001 F2F	-T-R---	11:00-12:50 PM	01/22/19-05/24/19	OCB 364	Olvera V	Closed
11579 003 F2F	--W-F--	11:00-12:50 PM	01/23/19-05/24/19	OCB 364	Moreland M	Closed

MUS 158 - Recording Studio I

This course is designed to develop both the creative abilities and technical skills needed to produce music using modern digital recording techniques and equipment. Students will acquire an increased proficiency with the operation of ProTools, the industry standard digital audio software, and the corresponding digital audio hardware. Students will demonstrate knowledge of microphone types and techniques by conducting simple recording sessions, from set-up to final mix. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Prerequisite: MUS 157

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_158\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11582 002 F2F	-T-R---	12:00-02:20 PM	01/22/19-05/24/19	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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_159\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_159)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11584 001 F2F	M-W----	10:00-12:20 PM	01/23/19-05/24/19	OCB 108	Ransom T	Closed
11585 002 F2F	M-W----	12:30-02:50 PM	01/23/19-05/24/19	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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_160\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11586 001 F2F	M-----	03:00-05:20 PM	01/28/19-05/24/19	OCB 108	Ransom T	Closed

MUS 161 - Chamber Choir I

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 1

Prerequisite: Audition required

[Outline \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_161\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11588 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 162 - Chamber Choir II

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 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
11589 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 163 - Chamber Choir III

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 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
11591 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 164 - Chamber Choir IV

This auditioned choral ensemble is open to participation by the student body. Prior choral experience or a reasonable level of music reading and vocal technique is necessary. The choir will learn a varied body of choral materials from the choral traditions of both past and present, performing at student and community activities. 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
11592 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 192	Teal T	Closed

MUS 169 - Voice Class I

This is an entry level course for voice study in a group setting. No previous voice study or music instruction is required. Students will be introduced to the basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. Vocal technique is approached from a classical perspective, however, the class includes discussion on appropriate usage of the voice in different styles. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_169)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12576 001 F2F	-T-R---	12:30-01:20 PM	01/22/19-05/24/19	OCB 192	Ray J	Closed

MUS 170 - Voice Class II

This course is a continuation of Voice Class I, voice study in a group setting. Students will focus on the reinforcement of basic elements of proper vocal production, as well as techniques for practice, performance, and maintaining vocal health. 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
12577 001 F2F	-T-R---	12:30-01:20 PM	01/22/19-05/24/19	OCB 192	Ray J	Closed

MUS 176 - Jazz Band I

This is an entry-level course in the jazz band performing format for the student with little or no experience in this course of study. The student will learn, through rehearsal and performance, the basic elements of music and how these are utilized in the jazz band. Topics will include simple rhythms, basic melodic construction and major scale construction. 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
11594 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 177 - Jazz Band II

This is a beginning-level course for the student with at least one semester of prior jazz band experience. Through rehearsal and performance, the student will learn beginning elements of music as applied to the jazz band performing format. Topics covered will include syncopated rhythm, Dorian minor scales and blues form. 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
11596 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 178 - Jazz Band III

This is an intermediate-level course for the student with at least two semesters of prior jazz band experience. Through rehearsal and performance, the intermediate levels of jazz band performance will be learned. Topics covered will include Latin style, Mixolydian scales and the 32-bar song form. 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
11597 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 179 - Jazz Band IV

This is an advanced-level course for the student with at least three semesters of prior jazz band experience. Advanced elements of jazz music will be learned through rehearsal and performance. Topics covered will include Lydian scales and ensemble performance techniques. 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
11599 001 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 185 - Live Sound Production I

This course is designed to teach the basic elements of sound, and the equipment and set-ups required to operate sound at live venues, like churches, live theaters or live musical venues. Students will learn techniques through demonstration, lecture and "hands-on" exercises in a professional facility. 4 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11601 001 F2F	M-----	01:00-04:50 PM	01/28/19-05/24/19	CC YAR	Gregory S	Closed

MUS 188 - Jazz Improvisation II

This is an advanced-level course for the student with at least one semester of jazz improvisation. Through performance on the chosen instrument and written studies, the student will learn advanced concepts of jazz improvisation. Topics to be covered include jazz performance style, construction of the improvised solo and 32-bar song form. 2 hrs. integrated lecture/lab/wk.

Credit Hours: 2

Prerequisites: MUS 187 and audition required

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_188)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11605 001 F2F	-T-R---	12:30-01:20 PM	01/22/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 191 - Concert Band I

This is an entry-level course in the concert band format for the student with little or no concert band experience. Students will learn the basic elements of music as related to the concert band through rehearsal and performance. Topics include counting and subdividing motifs into melodies; and differentiating between major and minor tonalities. 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
11607 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 192 - Concert Band II

This is a beginning-level course in the concert band format for the student with at least one semester of prior concert band experience. Students will learn the beginning-level elements of music as related to the concert band through rehearsal and performance. Topics to be covered include odd meters, minor scales and homophonic texture. 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
11608 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 193 - Concert Band III

This is an intermediate course for the student with at least two semesters of prior concert band experience. Through rehearsal and performance, the student will learn intermediate levels of the elements of music in the concert band format. Topics will include parade march style, concert march style and concert overture style. 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
11609 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 194 - Concert Band IV

This is an advanced course for the student with at least three semesters of prior concert band performing experience. Through rehearsal and performance, the student will learn the advanced concepts of concert band performance. Topics will include polyphonic texture, concert suite style and medley style. 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
11611 001 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 201 - Chamber Ensemble I

This is an entry-level course for the student with little or no experience in the chamber ensemble performing format. Through written work and performance on the chosen instrument, the student will learn the basic fundamentals of this performing medium. Topics to be covered will include tone quality, intervals and rhythmic patterns. 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
11612 001 F2F	----F--	08:00-08:50 AM	01/25/19-05/24/19	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
12605 001 F2F	----F--	08:00-08:50 AM	01/25/19-05/24/19	OCB 182	Heinlein R	Closed

MUS 221 - Piano Class I

This course provides a basic knowledge of music and the essential techniques required to play the piano. Students will learn essential musical terminology, including musical notation and symbols, major and minor key signatures, and the harmonization of melodies using tonic and dominant triads. Specific piano-related terminology will include finger exercises, basic keyboard repertoire using major and minor five-finger patterns, major and minor scales, major and minor triads in root position, ensemble playing of two to four parts, and the formation of good practice habits. Group Piano II should follow the successful completion of this course. Private piano lessons are encouraged for students who successfully complete both courses. 2 hrs./wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11613 001 F2F	M-W----	12:00-12:50 PM	01/23/19-05/24/19	OCB 362	Peters C	Closed
11614 002 F2F	-T-R---	10:00-10:50 AM	01/22/19-05/24/19	OCB 362	Pretzel M	Closed
11615 003 F2F	-T-R---	06:00-06:50 PM	01/22/19-05/24/19	OCB 362	Peters C	Closed
11616 004 F2F	--W-F--	09:00-09:50 AM	01/23/19-05/24/19	OCB 362	Pretzel M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
11617 005 F2F	--W-F--	10:00-10:50 AM	01/23/19-05/24/19	OCB 362	Pretzel M	Closed
11618 006 F2F	--W-F--	11:00-11:50 AM	01/23/19-05/24/19	OCB 362	Pretzel M	Closed

MUS 222 - Piano Class II

This is a beginning-level course that provides a basic knowledge of keyboard instruments. Students will learn and review musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor scales; exercises and repertoire using major, minor, diminished and augmented triads in root position and inversions; chord progressions; ensemble playing of two to four parts; and use of the damper pedal. This course is the continuation of MUS 221. Completion of this course should precede Applied Piano I. This course is for beginners able to progress at a fast pace, students with minimal previous experience or students who have completed MUS 221. 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
11620 002 F2F	-T-R---	11:00-11:50 AM	01/22/19-05/24/19	OCB 362	Pretzel M	Closed

MUS 226 - Applied Guitar I (Class)

Students will be provided with a foundation in guitar technique upon which to base further study of the instrument. The course consists of an introduction to the use of the guitar as a solo, accompaniment and ensemble instrument. 1 hr./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11621 001 F2F	M-----	12:00-12:50 PM	01/28/19-05/24/19	OCB 192	Fitzer H	Closed

MUS 231 - Applied Voice I (Private)

This course is designed to introduce the student to beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11808 601 PVL	-----	-	01/22/19-05/24/19		Shiflett K	4 of 6

Requirement: Department approval

11809 602 PVL	-----	-	01/22/19-05/24/19		Teal T	6 of 6
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Requirement: Department approval

11810 603 PVL	-----	-	01/22/19-05/24/19		Ray J	3 of 6
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Requirement: Department approval

CRN	Days	Time	Date	Location	Instructor	Seats Open
12841 604 PVL	-----	-	01/22/19-05/24/19		Shiflett K	2 of 3

Requirement: Department approval

MUS 232 - Applied Voice II (Private)

This course uses private lessons to continue instruction in beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Prerequisite: MUS 231

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11811 601 PVL	-----	-	01/22/19-05/24/19		Shiflett K	4 of 6

Requirement: Department approval

11812 602 PVL	-----	-	01/22/19-05/24/19		Ray J	4 of 6
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Requirement: Department approval

11813 603 PVL	-----	-	01/22/19-05/24/19		Shiflett K	5 of 6
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Requirement: Department approval

11814 604 PVL	-----	-	01/22/19-05/24/19		Ray J	4 of 6
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Requirement: Department approval

12852 605 PVL	-----	-	01/22/19-05/24/19		Teal T	2 of 3
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Requirement: Department approval

MUS 233 - Applied Voice III (Private)

This course uses private lessons to continue instruction in beginning intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Prerequisite: MUS 232

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11815 601 PVL	-----	-	01/22/19-05/24/19		Shiflett K	6 of 6

Requirement: Department approval

11816 602 PVL	-----	-	01/22/19-05/24/19		Ray J	5 of 6
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Requirement: Department approval

12840 603 PVL	-----	-	01/22/19-05/24/19		Ray J	2 of 3
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Requirement: Department approval

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
11817 601 PVL	-----	-	01/22/19-05/24/19		Shiflett K	4 of 6
Requirement: Department approval						
11818 602 PVL	-----	-	01/22/19-05/24/19		Ray J	6 of 6
Requirement: Department approval						
12842 603 PVL	-----	-	01/22/19-05/24/19		Shiflett K	2 of 3
Requirement: Department approval						

MUS 236 - Applied Piano I (Private)

This is an entry-level course for the student with little or no prior piano training. This course provides a basic knowledge of keyboard instruments. Students will learn essential 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 five-finger patterns; and exercises and repertoire using major and minor scales.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11819 601 PVL	-----	-	01/22/19-05/24/19		Pretzel M	4 of 6
Requirement: Department approval						
11820 602 PVL	-----	-	01/22/19-05/24/19		Peters C	5 of 6
Requirement: Department approval						

MUS 237 - Applied Piano II (Private)

This is a beginning-level course for the student with at least one semester of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include major scales and the natural and harmonic forms of the minor scales, rhythmic patterns and subdivisions of duple and triple meter and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 236

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_237)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11821 601 PVL	-----	-	01/22/19-05/24/19		Pretzel M	5 of 6

CRN	Days	Time	Date	Location	Instructor	Seats Open
Requirement: Department approval						
11822 602 PVL	-----	-	01/22/19-05/24/19		Peters C	6 of 6

Requirement: Department approval

MUS 238 - Applied Piano III (Private)

This is an intermediate-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include scale, the melodic form of the minor scale, rhythmic patterns and subdivisions of compound meter, and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 237

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11824 601 PVL	-----	-	01/22/19-05/24/19		Pretzel M	6 of 6

Requirement: Department approval

11825 602 PVL	-----	-	01/22/19-05/24/19		Peters C	6 of 6
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Requirement: Department approval

MUS 239 - Applied Piano IV (Private)

This is an advanced-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate level concepts of piano performance. Topics to be covered will include Dorian and Mixolydian modes, pentatonic scales and performance of a Chopin etude.

Credit Hours: 1

Prerequisite: MUS 238

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11826 601 PVL	-----	-	01/22/19-05/24/19		Pretzel M	6 of 6

Requirement: Department approval

MUS 241 - Applied Guitar I (Private)

In this private study in basic guitar technique, emphasis will be upon playing position, posture, tone production and basic music reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11827 601 PVL	-----	-	01/22/19-05/24/19		Fitzer H	Full

Requirement: Department approval

MUS 242 - Applied Guitar II (Private)

This is a continuation of private study in basic guitar technique. Emphasis will be upon playing position, posture, tone production and basic music-reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

Prerequisite: MUS 241 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11828 601 PVL	-----	-	01/22/19-05/24/19		Fitzer H	4 of 6

Requirement: Department approval

MUS 243 - Applied Guitar III (Private)

In this private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 242 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11829 601 PVL	-----	-	01/22/19-05/24/19		Fitzer H	6 of 6

Requirement: Department approval

MUS 244 - Applied Guitar IV (Private)

In this continuation of private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 243 or department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11830 601 PVL	-----	-	01/22/19-05/24/19		Fitzer H	6 of 6

Requirement: Department approval

MUS 246 - Applied Classical Guitar I (Private)

Private study in basic classical guitar technique and repertoire. Emphasis will be upon classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will begin with studies and short pieces.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11831 601 PVL	-----	-	01/22/19-05/24/19		Fitzer H	6 of 6

Requirement: Department approval

MUS 251 - Applied Brass I (Private)

This is an entry-level course for the student with little or no experience in performing on a brass instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic concepts of brass performance. Topics to be covered include tone production, basic musical intervals and major scales.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12607 601 PVL	-----	-	01/22/19-05/24/19	Online	Heinlein R	6 of 6

Requirement: Department approval

MUS 252 - Applied Brass II (Private)

This is a beginning-level course for the student with at least one semester of prior brass instrument study. Through written exercises and performance on the instrument of choice, the student will learn the beginning concepts of brass performance. Topics to be covered include embouchure development, minor scales and duple and triple rhythmic patterns.

Credit Hours: 1

Prerequisite: MUS 251 or placement by instructor

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_252)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12608 601 PVL	-----	-	01/22/19-05/24/19	Online	Heinlein R	4 of 6

Requirement: Department approval

MUS 256 - Applied Percussion I (Private)

This is an entry-level course for the student with little or no training in percussion instruments. The student will learn the beginning concepts of percussion performance. Topics to be covered include basic duple and triple rhythm, snare drum rudiments and basic snare drum performance patterns.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_256)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11832 601 PVL	-----	-	01/22/19-05/24/19		Lower J	6 of 6

Requirement: Department approval

MUS 257 - Applied Percussion II(Private)

This is a beginning-level course for the student with at least one semester of prior instruction in percussion instruments. The student will learn beginning concepts of percussion performance. Topics to be covered include compound rhythm, snare drum rudiments and basic timpani skills.

Credit Hours: 1

Prerequisite: MUS 256 or placement by instructor

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_257)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11833 601 PVL	-----	-	01/22/19-05/24/19		Lower J	6 of 6

Requirement: Department approval

MUS 261 - Applied Woodwind I (Private)

This is an entry-level course for the student with little or no experience performing on a woodwind instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic elements of woodwind performance. Topics to be covered include tone production, basic intervals and major scales.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11834 601 PVL	-----	-	01/22/19-05/24/19		Pischnotte Z	6 of 6

Requirement: Department approval

MUS 262 - Applied Woodwind II (Private)

This is a beginning-level course for the student with at least one semester of prior woodwind study. The student will learn beginning concepts of woodwind performance on the chosen instrument through written exercises and performance. Topics to be covered include embouchure development, minor scales and duple and triple meters.

Credit Hours: 1

Prerequisite: MUS 261 or placement by instructor

Outline (http://catalog.jccc.edu/coursedescriptions/mus/#MUS_262)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11835 601 PVL	-----	-	01/22/19-05/24/19		Pischnotte Z	5 of 6

Requirement: Department approval

Neurodiagnostic Technology



NDT 140 - Adult Neurodiagnostic Technology I

This course will expand on adult terminology as it relates to the Neurodiagnostic Technology (NDT) field. Students will learn the maturation of the brain from adolescent through the geriatric patient, normal and abnormal activity, and electroencephalographic (EEG) variants and seizure disorders will be discussed. In the lab, students will apply concepts of electrode placement to the adult patient. 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 2 hrs lab/wk.

Credit Hours: 4

Prerequisites: EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 145 and NDT 150 and NDT 155

[Outline \(http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_140\)](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12479 001 F2F	-T-R---	08:00-09:30 AM	01/22/19-03/17/19	 OHEC 119	Portmann R	Closed
	Lab -T-R---	10:00-12:00 PM	01/22/19-03/17/19	 OHEC 119		

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NDT 145 - Pediatric Neurodiagnostic Technology II

This course will expand on the concepts presented in Pediatric Neurodiagnostic Technology I and begins to correlate electroencephalographic (EEG) patterns with varying disease processes including infectious, toxic, and metabolic disorders. Students will also examine the effect of trauma, cerebral vascular accidents, genetic disorders, and differential diagnosis with the use of EEG. In the lab, the students will continue to perfect their skills in applying the electrodes in an efficient manner while addressing specific patient needs and mental capacity. Course instruction will use a blended approach that focuses on active engagement of the student in the classroom, lab, and in the simulation center. 3 hrs. lecture/wk. and 2 hrs. lab/wk.

Credit Hours: 4

Prerequisites: EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must to be completed with a grade of "C" or higher.) Corequisites: NDT 140 and NDT 150 and NDT 155

[Outline \(http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_145\)](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12456 001 F2F	-T-R---	08:00-09:30 AM	04/02/19-05/23/19	 OHEC 119	Portmann R Beck A	Closed
	Lab -T-R---	10:00-12:00 PM	04/02/19-05/23/19	 OHEC 119		

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NDT 150 - Neurodiagnostic Clinical Correlates

This course explores the process of comparing and contrasting patient's diagnostic tests, age, past medical history, physical health, and symptoms to assist the physician in the development of a differential diagnosis. Students will have the opportunity to compare case studies to normal and abnormal electroencephalogram (EEG) patterns to construct clinical correlations. Students will engage in a variety of activities to explore EEG specific activation procedures, artifacts on the EEG, and identify activity that requires physician intervention. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisites: EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) Corequisites: NDT 140 and NDT 145 and NDT 155

[Outline \(http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_150\)](http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12481 001 F2F	-T-----	01:00-03:00 PM	01/22/19-03/12/19	 OHEC 119	Portmann R	Closed

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NDT 155 - Neurodiagnostic Clinical I

This course provides opportunities for entry-level Neurodiagnostic Technology (NDT) students to apply concepts, skills, and techniques of performing electroencephalograms (EEG's) in the clinical setting. Students will work with patients under supervision to further develop their skill and understanding of basic NDT procedures. 240 hrs. clinical/total

Credit Hours: 4

Prerequisites: EMS 121 and NDT 125 and NDT 130 and NDT 135 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 140 and NDT 145 and NDT 150

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12569 01 CLI	M-W-F--	08:00-05:00 PM	03/25/19-05/24/19		Portmann R Beck A	Closed

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NDT 245 - Neurodiagnostic Related Modalities

This course explores neurodiagnostic modalities and their use of basic electroencephalographic (EEG) principles. Students will build on fundamental neurodiagnostic concepts to compare and contrast instrumentation, recording parameters, and applications for evoked potential, nerve conduction, and electrocorticography studies. The content will differentiate among continuous, long-term and intraoperative monitoring, and discuss the role of the neurodiagnostic technologist while performing neurodiagnostic related modalities. Learning will occur in the classroom setting. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 250 and NDT 255

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12598 001 F2F	---F--	09:00-12:00 PM	01/25/19-05/24/19	 OHEC 105	Portmann R Beck A	Closed

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NDT 250 - Neurodiagnostic Program Capstone

This course is designed as a capstone experience for the neurodiagnostic program. Students will prepare for the American Board of Registration of Electroencephalographic and Evoked Potential (ABRET) part II exam and the Board of Registered Polysomnographic Technologists (BRPT) examinations. Exploration of career options and challenges will also occur. Upon successful completion students will demonstrate knowledge, skills and abilities expected of an entry level Neurodiagnostic Technologist(NDT.) A completed group project will document experiences and the knowledge base needed to assume the role of an NDT. 3 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Prerequisites: NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 245 and NDT 255

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12599 001 F2F	---F--	01:00-04:00 PM	01/25/19-05/24/19	 OHEC 105	Sanner C Portmann R Beck A	Closed


NDT 255 - Polysomnography Clinical

This course is the clinical application of sleep related diagnosis and treatment. Students will have the opportunity to work with patients under close supervision to develop their skill and understanding of polysomnographic (PSG) procedures. 360 hrs. clinic/total

Credit Hours: 6

Prerequisites: NDT 225 and NDT 230 and NDT 240 (All courses must be completed with a grade of "C" or higher.) **Corequisites:** NDT 245 and NDT 250

Outline (http://catalog.jccc.edu/coursedescriptions/ndt/#NDT_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12600 001 CLI	MT-----	07:00-07:00 PM	01/22/19-05/21/19	 OHEC	Sanner C	Closed

SB 155 Excel in CTE

Nursing

NURS 150 - Concepts of Nursing Care: Childbearing Family and Children

Students will engage in a variety of learning activities to build nursing knowledge and skills necessary to care for gynecological, obstetric and pediatric patient populations presenting with diverse and developmental characteristics across the healthcare continuum. This course reinforces foundational concepts and will introduce normal processes and common alterations unique to the childbearing family, child and adolescent. Course concepts as they apply to the childbearing family and children will continue to build 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 acquire nursing knowledge and the skills necessary to care for the childbearing family, child and adolescent in wellness and moderately complex alterations. Students will apply theoretical content and therapeutic interventions to patients with various health alterations in the clinical component of the course, which will focus on the childbearing family, child and adolescent populations. 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 and Prerequisites: NURS 100 and NURS 125 Prerequisite or Corequisite: PSYC 218

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12561 100 F2F	-T-----	09:00-03:00 PM	01/22/19-01/22/19	SCI 222	Plank K Shank L Sears A Duggan C Carver K LaMartina K Barlett M Fleytas R Donovan M Ronnebaum E Lanier N Ritter M Russell J McNally J Vraich P Quinn R Ramlow C Vezendan C Schull H Akpovona I Fenton R Williams A	Closed
	--W----	09:00-01:00 PM	01/23/19-01/23/19	SCI 222		
	---R---	09:00-05:00 PM	01/24/19-01/24/19	SCI 222		
	----F--	09:00-03:00 PM	01/25/19-01/25/19	SCI 222		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	09:00-04:00 PM	01/28/19-01/28/19	SCI 222		
	M-----	09:00-04:00 PM	02/04/19-02/04/19	SCI 222		
	---R---	08:00-12:30 PM	02/07/19-02/07/19	CLB 111		
	---R---	08:00-12:30 PM	02/07/19-02/07/19	CLB 113		
	---R---	02:00-04:00 PM	02/07/19-02/07/19	CC 211		
	M-----	09:00-04:30 PM	02/11/19-02/11/19	SCI 222		
	---R---	08:00-05:00 PM	02/14/19-02/14/19	CLB 111		
	---R---	08:00-05:00 PM	02/14/19-02/14/19	CLB 113		
	---F--	08:00-05:00 PM	02/15/19-02/15/19	CLB 111		
	---F--	08:00-05:00 PM	02/15/19-02/15/19	CLB 113		
	M-----	09:00-03:00 PM	02/18/19-02/18/19	SCI 222		
	M-----	09:00-04:00 PM	02/25/19-02/25/19	SCI 222		
	M-----	09:00-01:00 PM	03/04/19-03/04/19	SCI 222		
	M-----	09:00-01:30 PM	03/11/19-03/11/19	SCI 222		
	M-----	09:00-04:00 PM	03/25/19-03/25/19	SCI 222		
	M-----	09:00-03:00 PM	04/01/19-04/01/19	CC 211		
	M-----	01:00-03:00 PM	04/01/19-04/01/19	SCI 222		
	M-----	09:00-03:00 PM	04/08/19-04/08/19	SCI 222		
	M-----	09:00-04:00 PM	04/15/19-04/15/19	SCI 222		
	M-----	09:00-02:00 PM	04/22/19-04/22/19	SCI 222		
	-T-----	08:00-04:00 PM	04/23/19-04/23/19	CLB 111		
	-T-----	08:00-04:00 PM	04/23/19-04/23/19	CLB 113		
	M-----	09:00-12:20 PM	04/29/19-04/29/19	SCI 222		
	--W----	09:00-02:00 PM	05/08/19-05/08/19	CLB 111		
	--W----	09:00-02:00 PM	05/08/19-05/08/19	CLB 113		
	--W----	11:00-11:50 AM	05/08/19-05/08/19	SCI 222		
	M-----	01:00-04:00 PM	05/20/19-05/20/19	SCI 222		

SB 155 Excel in CTE

NURS 225 - Concepts of Nursing Care: Complex Patient Care Management

The course will enable students to care for adult patients experiencing complex multisystem health alterations. Students will apply critical thinking and organizational skills to appropriately manage a group of patients in a healthcare setting. This course integrates the knowledge and skills acquired in the previous four nursing courses that facilitate student transition to professional nursing practice. Students will become increasingly confident and proficient in achieving the following 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 to patients in the clinical component of the course, which will include fragile and highly vulnerable patients and families. 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 200

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12562 100 F2F	-T-----	08:00-02:00 PM	01/22/19-01/22/19	CC 232	Deines W Gibbar S Aks N Duggan C Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M McNally J Vraich P Quinn R Ramlow C Vezendan C Akpovona I Colaizzi J Randolph J	Closed
	--W----	08:00-05:00 PM	01/23/19-01/23/19	CC 232		
	---R---	08:00-02:00 PM	01/24/19-01/24/19	CC 232		
	----F--	08:00-12:50 PM	01/25/19-01/25/19	CC 232		
	M-----	09:00-04:00 PM	01/28/19-01/28/19	RC 101C		
	M-----	09:00-04:00 PM	01/28/19-01/28/19	RC 101D		
	-T-----	08:00-03:30 PM	01/29/19-01/29/19	CLB 111		
	-T-----	08:00-03:30 PM	01/29/19-01/29/19	CLB 113		
	--W----	08:00-11:30 AM	01/30/19-01/30/19	CLB 111		
	--W----	08:00-11:30 AM	01/30/19-01/30/19	CLB 113		
	M-----	08:00-04:00 PM	02/04/19-02/04/19	CC 232		
	M-----	08:00-04:00 PM	02/11/19-02/11/19	CC 232		
	M-----	08:00-04:00 PM	02/18/19-02/18/19	CC 232		
	M-----	08:00-04:00 PM	02/25/19-02/25/19	CC 232		
	M-----	09:00-04:00 PM	03/04/19-03/04/19	CC 232		
	M-----	08:00-04:00 PM	03/11/19-03/11/19	CC 232		
	M-----	08:00-04:00 PM	03/25/19-03/25/19	CC 232		
	M-----	09:00-04:00 PM	04/01/19-04/01/19	CLB 111		
	M-----	09:00-04:00 PM	04/01/19-04/01/19	CLB 113		
	M-----	09:00-12:59 PM	04/01/19-04/01/19	SCI 222		
	M-----	08:00-03:00 PM	04/08/19-04/08/19	CC 232		
	----F--	08:00-11:00 AM	04/12/19-04/12/19	CLB 111		
	----F--	08:00-11:00 AM	04/12/19-04/12/19	CLB 113		
	----F--	08:00-04:00 PM	04/12/19-04/12/19	SCI 222		
	----F--	12:00-04:00 PM	04/12/19-04/12/19	CC 232		
	----F--	08:00-04:00 PM	04/19/19-04/19/19	CLB 111		
	----F--	08:00-04:00 PM	04/19/19-04/19/19	CLB 113		
	M-----	08:00-12:30 PM	04/22/19-04/22/19	CC 232		
	M-----	08:00-03:00 PM	04/29/19-04/29/19	CC 232		
	M-----	08:00-01:00 PM	05/06/19-05/06/19	CC 232		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	----F--	10:30-12:30 PM	05/17/19-05/17/19	CC 232		
	-T-----	08:00-08:30 AM	05/21/19-05/21/19	CC 232		

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
11012 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
11013 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
11014 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 317	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
11015 004 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	GEB 317	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
11016 005 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	GEB 342	Heim D	Closed
<i>KBOR Seamless Transfer</i>						
11017 006 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
11018 007 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
11019 008 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 317	Quillen L	Closed
<i>KBOR Seamless Transfer</i>						
11020 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Jones A	Closed
<i>KBOR Seamless Transfer</i>						
11021 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Jones A	Closed
<i>KBOR Seamless Transfer</i>						
11022 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Hsiao T	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 \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11023 001 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
11024 002 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 317	Gale D	Closed
<i>KBOR Seamless Transfer</i>						
11025 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 342	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
11026 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	GEB 317	Coleman K	Closed
<i>KBOR Seamless Transfer</i>						
11027 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Musil B	Closed
<i>KBOR Seamless Transfer</i>						

PHIL 128 - Environmental Ethics

This course provides a survey of environmental ethics. It focuses on the emergence of environmental issues as a topic of careful philosophical study and its connection to the political and legal considerations of environmental problems. It also examines various theories and traditional approaches developed in Western and Eastern philosophy as well as major world religions to understanding the value and status of nature. Lastly, this course looks at specific controversies pertaining to the conservation, use and value of natural resources. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_128\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11028 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GP 102	Gale D	Closed

PHIL 140 - Business Ethics

Business Ethics is a branch of applied ethics that attempts to understand, evaluate and critique business practices in the light of moral principles and values. This course introduces students to important elements of moral theory as well as main topics in Business Ethics, including the fiduciary duty of managers, outsourcing, corporate responsibility, whistleblowing, income smoothing, insider trading, sole-source procurements and kickbacks, conflicts of interest, legitimate vs. illegitimate write-offs, deception in advertising and marketing, responsibility to the environment, pay for corporate personnel, and interpersonal relationships in the workplace, among others. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_140\)](http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_140)


CRN	Days	Time	Date	Location	Instructor	Seats Open
11029 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	PA 144	Heim D	Closed
11030 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Arp R	Closed

PHIL 143 - Ethics

This course provides a systematic and critical study of values related to human conduct. It focuses on both traditional standards of ethical conduct and qualities of personal character. What we hold to be right or wrong, the basis for believing so, and what we consider to be virtues or vices are examined with an eye to understanding our current ethical situation. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11031 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 338	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
11032 002 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 317	Conrad O	Closed
<i>KBOR Seamless Transfer</i>						
11033 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 338	Williams D	Closed
<i>KBOR Seamless Transfer</i>						
11034 004 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 344	Ramos-Reyes M	Closed
<i>KBOR Seamless Transfer</i>						
11035 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 342	Gustafson C	Closed
<i>KBOR Seamless Transfer</i>						
11036 006 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 317	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
11038 201 F2F	--W----	06:00-09:00 PM	02/13/19-05/24/19	 DSH 206	Musil B	Closed
<i>KBOR Seamless Transfer</i>						
11039 202 F2F	M-W----	06:00-08:50 PM	03/25/19-05/19/19	CC 338	Gustafson C	Closed
<i>KBOR Seamless Transfer</i>						
12554 203 F2F	-T-R---	11:00-12:20 PM	02/04/19-05/24/19	 OHEC 105	Arjo D	Closed
<i>KBOR Seamless Transfer</i>						
11040 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Jones A	Closed
<i>KBOR Seamless Transfer</i>						
11041 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Arp R	Closed
<i>KBOR Seamless Transfer</i>						
11042 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Arp R	Closed
<i>KBOR Seamless Transfer</i>						
11037 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Musil B	Closed
<i>KBOR Seamless Transfer</i>						

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
11043 001 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 352	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
11002 001 F2F	M-W----	08:00-10:50 AM	01/23/19-05/24/19	FADS 211	Wessel M	Closed
11003 002 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 211	Wessel M	Closed
11004 003 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 211	Hughes T	Closed

PHOT 122 - Advanced Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of photographic imaging, with an emphasis on black-and-white photography as a fine art. Students will use Zone System tests and procedures to produce prints of maximum quality. Students will use advanced techniques, such as split-developers for contrast control, multiple-imaging and archival processing, and print presentation. Several "alternative" printing processes will be discussed and demonstrated. This course also includes a basic introduction to medium format (2 1/4) and large format (4 x 5) camera equipment and technique. Students will apply the above to make images for a series of conceptually advanced, project/series-oriented assignments 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: \$100 to 150

Prerequisite: PHOT 121

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11005 001 F2F	-T-R---	03:00-05:50 PM	01/22/19-05/24/19	FADS 207	Heying P	Closed

PHOT 123 - Studio Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of studio and commercial photography. Students will use professional camera and studio equipment, including studio electronic flash and hand-held light/flash meters. This course also includes an introduction to professional medium format (2 1/4) and large format (4"x5") equipment and advanced camera techniques for total image control. Students will use studio lighting for various portraiture styles and for small-product, table-top photography. Applications of digital photography as they apply to studio photographic processes will be introduced. Students will apply the above to make images for a series of advanced studio assignments. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$75 to \$150

Prerequisite: PHOT 121

[Outline \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_123\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11006 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 203	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 \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11007 001 F2F	-T-R---	12:00-02:50 PM	01/22/19-05/24/19	FADS 207	Heying P	Closed
11008 002 F2F	M-W----	12:00-02:50 PM	01/23/19-05/24/19	FADS 203	Sands C	Closed
11009 376 HYB	-----	-	01/22/19-05/24/19	Online	Nichols M	Closed
	---R---	06:00-08:50 PM	01/24/19-01/24/19	FADS 203		
	---R---	06:00-08:50 PM	02/07/19-02/07/19	FADS 203		
	---R---	06:00-08:50 PM	02/21/19-02/21/19	FADS 203		
	---R---	06:00-08:50 PM	03/07/19-03/07/19	FADS 203		
	---R---	06:00-08:50 PM	03/28/19-03/28/19	FADS 203		
	---R---	06:00-08:50 PM	04/11/19-04/11/19	FADS 203		
	---R---	06:00-08:50 PM	04/25/19-04/25/19	FADS 203		
	---R---	06:00-08:50 PM	05/09/19-05/09/19	FADS 203		

PHOT 129 - Advanced Digital Photography

This course develops and expands upon the techniques, tools, procedures, and concepts that were introduced in the Digital Photography course. Students will learn to use a digital single lens reflex (DSLR) camera or its equivalent. Students will develop and use an archival image editing workflow. They will learn advanced image correction, modification and editing techniques to prepare photographic images for various output options including photographic prints and the web. They will employ file management routines and archival storage systems. Students will create original work that demonstrates an advanced proficiency in digital methods and an advanced understanding of the practice of photography. They will produce high quality prints. The work created is intended to stimulate the student's creative capacities for personal expression, communication and self-understanding. 6 hrs. integrated lecture lab/wk.

Credit Hours: 3

Associated Costs: \$125 to 175

Prerequisite: PHOT 128

[Outline \(http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_129\)](http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_129)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11010 001 F2F	M-W----	03:00-05:50 PM	01/23/19-05/24/19	FADS 203	Sands C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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PHOT 292 - Special Topics:

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phot/#PHOT_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11011 001 F2F	-T-R---	08:00-10:50 AM	01/22/19-05/24/19	FADS 211	Smith A	Closed

This section's title is **Alternative Process Photography**.

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

Outline (http://catalog.jccc.edu/coursedescriptions/phys/#PHYS_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11647 001 F2F	MTWR---	09:00-09:50 AM	01/22/19-05/24/19	SCI 117	Malek G	Closed
	Lab ---R---	11:00-01:50 PM	01/24/19-05/24/19	SCI 121		
<i>KBOR Seamless Transfer</i>						
11648 002 F2F	MTWR---	10:00-10:50 AM	01/22/19-05/24/19	SCI 117	Malek G	Closed
	Lab ---R---	02:00-04:50 PM	01/24/19-05/24/19	SCI 121		
<i>KBOR Seamless Transfer</i>						
11649 003 F2F	M-W----	11:00-12:50 PM	01/23/19-05/24/19	SCI 122	Weaver L	Closed
	Lab ----F--	11:00-01:50 PM	01/25/19-05/24/19	SCI 121		
<i>KBOR Seamless Transfer</i>						
11650 004 F2F	M-W----	02:00-03:50 PM	01/23/19-05/24/19	SCI 122	Weaver L	Closed
	Lab ----F--	02:00-04:50 PM	01/25/19-05/24/19	SCI 121		
<i>KBOR Seamless Transfer</i>						
11651 050 F2F	--W----	06:00-06:50 PM	01/23/19-05/24/19	SCI 122	Johnson S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	Lab --W----	07:00-09:50 PM	01/23/19-05/24/19	SCI 121		
	M-----	06:00-08:50 PM	01/28/19-05/24/19	SCI 122		
<i>KBOR Seamless Transfer</i>						
12757 051 F2F	-T-----	06:00-08:50 PM	01/22/19-05/24/19	CLB 205	Richman M	Closed
	---R---	06:00-06:50 PM	01/24/19-05/24/19	CLB 205		
	Lab ---R---	07:00-09:50 PM	01/24/19-05/24/19	SCI 121		
<i>KBOR Seamless Transfer</i>						

PHYS 131 - College Physics II

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of electricity and magnetism, waves, 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
11652 001 F2F	M-W----	08:00-09:50 AM	01/23/19-05/24/19	SCI 122	Weaver L	Closed
	Lab ----F--	08:00-10:50 AM	01/25/19-05/24/19	SCI 117		
<i>KBOR Seamless Transfer</i>						
11653 050 F2F	--W----	06:00-08:50 PM	01/23/19-05/24/19	SCI 120	Thuma R	Closed
	M-----	06:00-06:50 PM	01/28/19-05/24/19	SCI 120		
	Lab M-----	07:00-09:50 PM	01/28/19-05/24/19	SCI 117		
<i>KBOR Seamless Transfer</i>						

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
11655 001 F2F	MTWR---	08:00-08:50 AM	01/22/19-05/24/19	SCI 117	Malek G	Closed
	Lab M-----	02:00-04:50 PM	01/28/19-05/24/19	SCI 117		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
Prerequisite or Corequisite: MATH 242 . Course Description: 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.						
11656 002 F2F	MTWR---	09:00-09:50 AM	01/22/19-05/24/19	SCI 120	Martinez D	Closed
	Lab -T-----	02:00-04:50 PM	01/22/19-05/24/19	SCI 121		

KBOR Seamless Transfer

Prerequisite or Corequisite: MATH 242. Course Description: 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.

11657 003 F2F	MTWR---	10:00-10:50 AM	01/22/19-05/24/19	SCI 120	Martinez D	Closed
	Lab --W----	02:00-04:50 PM	01/23/19-05/24/19	SCI 121		

KBOR Seamless Transfer

Prerequisite or Corequisite: MATH 242. Course Description: 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.

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
11658 001 F2F	MTWR---	11:00-11:50 AM	01/22/19-05/24/19	SCI 120	Martinez D	Closed
	Lab ---R---	02:00-04:50 PM	01/24/19-05/24/19	SCI 117		

KBOR Seamless Transfer

11660 050 F2F	-T-----	06:00-08:50 PM	01/22/19-05/24/19	SCI 122	Thuma R	Closed
	---R---	06:00-06:50 PM	01/24/19-05/24/19	SCI 122		
	Lab ---R---	07:00-09:50 PM	01/24/19-05/24/19	SCI 117		

KBOR Seamless Transfer

Practical Nursing


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
12486 200 F2F	-T-----	08:30-12:30 PM	01/22/19-03/12/19	 OHEC 209	Greathouse T	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	M-----	08:30-12:00 PM	01/28/19-03/11/19	 OHEC 209		

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
12487 201 CLI	--WR---	06:00-05:00 PM	01/23/19-03/14/19	TBA	Greathouse T	Closed

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
12492 001 F2F	--W----	05:30-07:25 PM	01/30/19-05/24/19	 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
12493 025 CLI	--W----	07:30-09:30 PM	01/30/19-05/24/19	TBA	Pockrandt D	Closed

SB 155 Excel in CTE

PN 150 - KSPN Medical Surgical Nursing II

This course focuses on the effect of disorders of selected systems throughout the life span using the nursing process in meeting basic needs. Prevention, rehabilitation and continuity of care are emphasized. The role of the practical nurse is incorporated throughout. 60 lecture hrs./semester

Credit Hours: 4

Requirements: Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 135 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12491 101 F2F	M-----	05:30-09:30 PM	01/28/19-05/24/19	OHEC 209	Luoma E	Closed
<i>SB 155 Excel in CTE</i>						
12489 250 F2F	M-----	08:30-12:00 PM	03/25/19-05/13/19	OHEC 209	Radom V	Closed
	-T-----	08:30-12:30 PM	03/26/19-05/14/19	OHEC 209		
<i>SB 155 Excel in CTE</i>						

PN 151 - KSPN Medical Surgical Nursing II Clinical

This experience uses simulated and actual care situations of selected systems throughout the lifespan, utilizing acute and long-term care settings. An emphasis is placed on critical thinking and clinical decision-making skill development. Principles of leadership for the practical nurse will be implemented, as well as multi-task management skills for transition as a practical nurse. 135 hrs. clinical/semester

Credit Hours: 3

Prerequisites: Admission to the Practical Nursing Program and PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Prerequisite or corequisite: PN 150 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12490 102 CLI	----S-	06:30-02:30 PM	01/26/19-05/18/19	TBA	Luoma E	Closed
	-----U	06:30-02:30 PM	01/27/19-05/19/19	TBA		
<i>SB 155 Excel in CTE</i>						
12488 251 CLI	--WR---	06:00-05:00 PM	03/27/19-05/16/19	TBA	Radom V	Closed
<i>SB 155 Excel in CTE</i>						

PN 155 - KSPN Gerontology Nursing

This course is designed to explore issues related to the aging adult using the nursing process as the organizing framework. Also discussed are the impact of ageism, alterations in physiological and psychosocial functioning, and the role of the practical nurse in caring for older adult clients. 30 hrs. lecture/semester

Credit Hours: 2

Requirement: Admission to Practical Nursing Program

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12485 100 F2F	-T-----	01:00-03:00 PM	01/22/19-05/14/19	OHEC 209	Shults T	Closed
<i>SB 155 Excel in CTE</i>						

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
11239 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 213	Bedell T	Closed
<i>KBOR Seamless Transfer</i>						
11240 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 213	Wright B	Closed
<i>KBOR Seamless Transfer</i>						
11241 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 213	Wright B	Closed
<i>KBOR Seamless Transfer</i>						
11242 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Burns J	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
11244 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GP 101	Vegter A	Closed
<i>KBOR Seamless Transfer</i>						
11245 003 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 213	Tidwell T	Closed
<i>KBOR Seamless Transfer</i>						
11267 005 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 213	Staniforth M	Closed
<i>KBOR Seamless Transfer</i>						
11269 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Vieux A	Closed
<i>KBOR Seamless Transfer</i>						
11270 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Burns J	Closed
<i>KBOR Seamless Transfer</i>						
11243 376 HYB	-----	-	01/22/19-05/24/19	Online	Vieux A	Closed
	M-W----	09:00-09:50 AM	01/23/19-05/24/19	GEB 238		

This section's title is **American National Government Honors**.

KBOR Seamless Transfer

Honors Course

Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other POLS 124 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.

CRN	Days	Time	Date	Location	Instructor	Seats Open
11246 377 HYB	-----	-	01/22/19-05/24/19	Online	Vieux A	Closed
	M-W----	01:00-01:50 PM	01/23/19-05/24/19	GEB 213		

KBOR Seamless Transfer

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
11272 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 213	Staniforth M	Closed

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
11273 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 213	Wright B	Closed

KBOR Seamless Transfer

11274 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Wright B	Closed
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KBOR Seamless Transfer

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
11275 352 ONLNE	-----	-	03/25/19-05/19/19	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
11277 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Staniforth M	Closed

POLS 200 - Model United Nations

This course is designed for students who are interested in learning and understanding international organizations and participating in competitive intercollegiate Model United Nations. This course orients students with the history, structure and function of the United Nations and those facets of an assigned country. This orientation will assist students in their preparation for the Model United Nations (MUN) conference during the spring semester. 3 hrs lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11278 001 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 213	Wright B	Closed

POLS 245 - Introduction to Public Administration

This course provides students the opportunity to explore public administration and public policy including institutional arrangements for the provision of public services and the study of those arrangements. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11281 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Vieux A	Closed

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
11282 501 INT	-----	-	01/22/19-05/24/19		Vieux A	4 of 6

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
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11641 001 F2F	M-W----	09:00-11:50 AM	01/23/19-05/24/19	SCI 125	Finnicum S	Closed
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KBOR Seamless Transfer

11642 002 F2F	M-W----	01:00-04:15 PM	02/04/19-05/24/19	SCI 125	Hess J	Closed
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KBOR Seamless Transfer

Note: Late Start Course.

11643 003 F2F	-T-R---	09:00-11:50 AM	01/22/19-05/24/19	SCI 125	Finnicum S	Closed
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KBOR Seamless Transfer

11644 004 F2F	-T-R---	01:00-03:50 PM	01/22/19-05/24/19	SCI 125	Finnicum S	Closed
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KBOR Seamless Transfer

11645 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Hess J	Closed
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KBOR Seamless Transfer

11646 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Lander B	Closed
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KBOR Seamless Transfer

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
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11356 001 F2F	M-----	03:00-05:50 PM	01/28/19-05/24/19	CLB 312	Filley D	Closed
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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
11358 002 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11359 003 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 342	Ward A	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11360 004 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CLB 312	Rader M	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11361 005 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	SCI 212	Kappen D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11362 006 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	SCI 212	Kappen D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11363 007 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CLB 312	Pettitt J	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11364 008 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 342	Kelly D	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11365 009 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	SCI 212	Kappen D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11366 010 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CLB 312	Rader M	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11368 012 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CLB 312	Kelly D	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11369 013 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CLB 312	Riley N	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11370 014 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CLB 312	Riley N	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11371 015 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 377	Sympson S	Closed
<i>KBOR Seamless Transfer Accelerating Opportunity KS</i>						
11372 016 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CLB 312	Martin K	Closed
<i>Accelerating Opportunity KS KBOR Seamless Transfer</i>						
11373 017 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CLB 312	Riley N	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11374 018 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	SCI 212	Ladd B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11375 019 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 377	Sympson S	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11376 020 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	SCI 212	Ward P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11377 021 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 377	Sympson S	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11378 022 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CLB 312	Abbott C	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11379 023 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	SCI 212	Ward P	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11381 025 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	SCI 212	Ladd B	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11382 026 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	GEB 377	Darrow R	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11383 027 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CLB 312	Martin K	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
12597 034 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 377	Darrow R	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11384 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	CLB 312	Filley D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11385 202 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	 OHEC 107	Jones D	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11386 203 F2F	--W----	06:00-09:00 PM	02/13/19-05/24/19	GEB 377	Klinger T	Closed
<i>KBOR Seamless Transfer</i>						
<i>Accelerating Opportunity KS</i>						
11388 205 F2F	---R---	06:00-09:00 PM	02/14/19-05/24/19	CLB 312	Jones D	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						
11389 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11390 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11391 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Redburn B	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11392 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Redburn B	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11393 355 ONLNE	-----	-	01/22/19-05/24/19	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11394 356 ONLNE	-----	-	01/22/19-05/24/19	Online	Ward A	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11395 357 ONLNE	-----	-	01/22/19-05/24/19	Online	Bratt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11396 358 ONLNE	-----	-	01/22/19-05/24/19	Online	Glackin K	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11397 359 ONLNE	-----	-	01/22/19-05/24/19	Online	Bratt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
12528 360 ONLNE	-----	-	01/22/19-05/24/19	Online	Glackin K	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
12557 361 ONLNE	-----	-	01/22/19-05/24/19	Online	Abbott C	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
12559 362 ONLNE	-----	-	01/22/19-05/24/19	Online	Magenheimer L	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
12558 363 ONLNE	-----	-	01/22/19-05/24/19	Online	Abbott C	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</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 \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_205\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11398 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GP 102	Schwartz L	Closed
11399 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Redburn B	Closed
11400 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Schwartz L	Closed

PSYC 209 - Statistics in Psychological Research

This course introduces the use of statistics as applied to various research designs. The course "Methodology in Psychology" (PSYC210) and this course are designed for those planning to major in psychology. A wide range of statistical methods are used to analyze data collected in psychological research. Examples of different kinds of statistical methods will be used in this course to analyze data, informing the student of how to apply the proper statistical methods to data examples. Descriptive and inferential statistical methods with both parametric and nonparametric statistical tools are studied. The course emphasis is on which statistical tests are appropriate for transforming gathered observations into meaningful and useful information relevant to everyday life and the studies in various fields of psychology. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130 and MATH 171

[Outline \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_209\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11401 001 F2F	--W----	04:00-06:50 PM	01/30/19-05/24/19	CC 344	Glackin K	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 \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11402 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 377	Bratt J	Closed
<i>KBOR Seamless Transfer</i>						
11403 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	SCI 212	Ladd B	Closed
<i>KBOR Seamless Transfer</i>						
11404 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Pettitt J	Closed
<i>KBOR Seamless Transfer</i>						
11405 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Ziegler E	Closed
<i>KBOR Seamless Transfer</i>						
11406 353 ONLNE	-----	-	01/22/19-05/24/19	Online	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
11408 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11409 003 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 377	Peterson P	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11410 004 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 377	Peterson P	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11411 005 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GEB 377	Pettitt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11412 006 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	SCI 212	Pettitt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11413 007 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	HCDC 128	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11414 008 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 342	Pettitt J	Closed
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11415 009 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	GEB 377	Darrow R	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11416 010 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 342	DeJarnette D	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11417 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	GEB 377	Kelly D	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11418 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11419 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11420 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Klinger T	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i> <i>Accelerating Opportunity KS</i>						
11421 354 ONLINE	-----	-	01/22/19-05/24/19	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i> <i>KBOR Seamless Transfer</i>						
11422 355 ONLINE	-----	-	01/22/19-05/24/19	Online	Salvato M	Closed

Accelerating Opportunity KS
KBOR Seamless Transfer

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
11423 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	PA 133	Ward A	Closed

PSYC 250 - Health Psychology

This course covers content, methods and theory regarding the interplay between psychological and biological determinants of health and illness and examines how these factors relate to health status. The course focus is on the application of psychological methods, principles of maintenance of health, prevention of disease, treatment of illness, and rehabilitation and recovery from impaired health. It follows an interdisciplinary approach to content and instruction. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11424 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Rader M	Closed

Respiratory Care

RC 136 - Cardiopulmonary Diseases

This course provides a detailed review of pulmonary disorders with disease pathology and management. The information provided allows students to integrate assessment and treatment of cardiopulmonary disease states as well as the physiological response to cardiopulmonary diseases. The role of a respiratory care practitioner in disease management is defined. 3 hrs. lecture/wk.

Credit Hours: 3

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 140 and RC 145 and RC 146

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12606 377 HYB	M-----	12:30-03:30 PM	01/28/19-05/20/19	OHEC 119	Oestreich K	Closed
	-----	-	01/28/19-05/24/19	Online		

SB 155 Excel in CTE

RC 140 - Respiratory Care Pharmacology

This course acquaints the student with general principles of pharmacology. It provides a comprehensive review of all drugs and drug groups that are administered by respiratory care practitioners or play an integral part in the management of patients they encounter. Emphasis is on the respiratory care clinical application of pharmacological agents, their therapeutic effects, mechanism of action and adverse effects rather than the biochemistry involved. 2 hrs. lecture/wk.

Credit Hours: 2

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 136 and RC 145 and RC 146

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12446 376 HYB	M-----	08:00-09:55 AM	01/28/19-05/20/19	OHEC 119	Sanner C	Closed
	M-----	-	01/28/19-05/20/19	Online		

SB 155 Excel in CTE

RC 145 - Cardiopulmonary Critical Care I

The student will develop knowledge and skills in the area of hospital critical care. Topics will include respiratory failure, airway management, mechanical ventilation and hemodynamic monitoring. Emphasis will be placed on the concepts and techniques related to mechanical ventilation, ventilator modes, the physiological effects of mechanical ventilation, adjustment of ventilator parameters, nonconventional ventilation techniques and troubleshooting. 3 hrs. lecture and 2.5 hrs. lab/wk.

Credit Hours: 5

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 136 and RC 140 and RC 146

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12483 001 CLI	M-----	10:00-12:00 PM	01/28/19-05/20/19	OHEC 119	Murray J	Closed
	--W----	01:00-04:00 PM	01/30/19-05/22/19	OHEC 119		

SB 155 Excel in CTE

RC 146 - Pediatric/Neonatal Respiratory Care

The focus will be on the respiratory care of neonatal and pediatric patients, with emphasis on the management of cardiopulmonary disease states unique to children. Information will be based on developmental anatomy and physiology, pathology, diagnostic and laboratory assessments, and associated patient management in the acute, critical, emergency care, transport and home care settings. 2 hrs. lecture/wk.

Credit Hours: 2

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 120 and RC 124 and RC 131 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 136 and RC 140 and RC 145

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12449 001 CLI	--W----	08:00-09:55 AM	01/30/19-05/24/19		Oestreich K	Closed

SB 155 Excel in CTE


RC 265 - Respiratory Care Program Capstone

This course is designed as a cumulative experience to prepare students for employment and the National Board of Respiratory Care (NBRC) examinations for the Registered Respiratory Therapist credential. Students will demonstrate knowledge and skill competency attainment expected of a skilled Respiratory Therapist. Exploration of career options include home care, pulmonary rehabilitation and management. Students will be required to pass a comprehensive exam based on the current NBRC matrix for current board testing. Completed projects will document experiences and the knowledge base needed to assume the role of a Registered Respiratory Therapist (RRT).

Credit Hours: 3

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 255 and RC 271 (All courses must be completed with a grade of "C" or higher.) Corequisite: RC 272

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_265)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12454 001 CLI	----F--	09:00-12:00 PM	01/25/19-05/24/19	 OHEC 119	Oestreich K Sanner C	Closed

SB 155 Excel in CTE

RC 272 - Respiratory Care Clinical Experience II

This course is the clinical application of respiratory care therapeutic and diagnostic procedures. Students will have the opportunity to work under close supervision to further develop their skill and understanding of critical care respiratory procedures for adults, pediatric, and neonatal patients. Students will also be involved in specialty activities to include physician rounds, pulmonary rehabilitation, respiratory related home care, and pulmonary function testing. 16-24 hrs./wk.

Credit Hours: 6

Requirement: Admission to the Respiratory Care Program, Prerequisites: RC 255 and RC 271 (All courses must be completed with a grade of "C" or higher.) Corequisites: RC 265

Outline (http://catalog.jccc.edu/coursedescriptions/rc/#RC_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12484 001 CLI	MT-R---	07:00-03:00 PM	01/28/19-05/24/19		Murray J	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
10304 001 F2F	M-W----	08:00-09:15 AM	01/23/19-05/22/19	CC 321	Franklin S	Closed
10306 003 F2F	M-W----	09:00-10:15 AM	01/23/19-05/22/19	OCB 107	Graham L	Closed
10308 005 F2F	M-W----	10:00-11:15 AM	01/23/19-05/22/19	CC 321	Moore D	Closed
10310 007 F2F	M-W----	11:00-12:15 PM	01/23/19-05/22/19	CC 122	Graham L	Closed
10311 008 F2F	M-W----	12:00-01:15 PM	01/23/19-05/22/19	CC 321	Mihalevich C	Closed
10312 009 F2F	M-W----	01:00-02:15 PM	01/23/19-05/22/19	CC 324	Graham L	Closed
10313 010 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/23/19	CC 321	Franklin S	Closed
10315 011 F2F	-T-R---	09:30-10:55 AM	02/12/19-05/24/19	CC 325	Graham L	Closed
10317 012 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 321	Davis S	Closed
10319 013 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/23/19	CC 321	Franklin S	Closed
10321 014 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/23/19	CC 321	Davis S	Closed
10323 015 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/23/19	CC 321	Davis S	Closed
10326 016 F2F	-T-----	06:00-08:50 PM	01/29/19-05/24/19	CC 321	Creason L	Closed
10328 017 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CC 229	McCall S	Closed
12584 023 F2F	M-----	06:00-09:00 PM	02/04/19-05/20/19	GEB 338	Mancini P	Closed
10333 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Creason L	Closed
Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at lparra@jccc.edu or lcreason@jccc.edu						
10335 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Parra 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						
10337 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Creason L	Closed
Note: Students should be able to work independently and complete assignments by due dates. See the Online Course information Guide for more detailed information or contact the instructor at lparra@jccc.edu or lcreason@jccc.edu						
10340 353 ONLNE	-----	-	02/11/19-05/24/19	Online	Davis S	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 sdavi149@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
10344 376 HYB	-T-----	12:30-01:45 PM	01/22/19-05/24/19	LIB 353B	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
11044 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 344	Bevell Hull M	Closed
<i>KBOR Seamless Transfer</i>						
11045 002 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 338	Hudson M	Closed
<i>KBOR Seamless Transfer</i>						
11046 003 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 338	Hudson M	Closed
<i>KBOR Seamless Transfer</i>						
11047 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Robertson M	Closed
<i>KBOR Seamless Transfer</i>						
11048 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Robertson M	Closed
<i>KBOR Seamless Transfer</i>						
11049 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Boucher D	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
11050 001 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	GEB 279	Stockton W	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
12587 351 ONLNE	-----	-	02/04/19-05/24/19	Online	Hoare T	Closed

General Education Designation

Cultural Diversity Designation

REL 126 - Religions of the West

Religions of the West is a detailed examination of the rich and diverse religious traditions that originated in the ancient Near East (Judaism, Christianity, Islam), examples of indigenous traditions of Africa and North America, and examples of "alternative religions" of modern/contemporary Western culture. The student will explore the histories, cultural influences, beliefs and practices of these religions, stressing the characteristics that they share and those that differentiate them, both from one another and from the religious traditions of South and East Asian cultures. The primary 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_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11051 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 317	Bevell Hull M	Closed

Railroad Operations

RRT 150 - Railroad Operations

This course includes information about the industry, its major assets, structure and typical operations. Upon successful completion of this course, students will be able to define the current North American railroading industry characteristics, basic operations components and processes, and industry structure and administrative processes. 3 hrs. lecture/wk. This course is only taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12534 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Brown T	Closed

SB 155 Excel in CTE

RRT 165 - Railroad Safety, Quality and Environment

This course covers the importance of safety, quality, personal health and environmental awareness to the railroad industry and emphasizes the basic tools and techniques for improving these conditions on the job. Upon successful completion of this course, students should be able to define and explain the need for improved safety, quality, health and environmental awareness; describe their basic principles; explain the elements of successful programs; and apply these elements to typical tasks on the job. 3 hrs. lecture/wk. This course is only taught in the spring semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/rrt/#RRT_165)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12535 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Harrison T	Closed

SB 155 Excel in CTE

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
12588 001 F2F	MTWRF--	08:00-05:00 PM	02/25/19-03/01/19	ITC	Brown T	Closed

Accelerating Opportunity KS

SB 155 Excel in CTE

12594 351 ONLINE	-----	-	01/22/19-02/17/19	Online	Brown T	Closed
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SB 155 Excel in CTE

RRTC 175 - Conductor Mechanical Operation

This course covers mechanical operations that relate to conductor service. Upon successful completion of this course, the student should be able to describe the importance and application of freight care mechanical policies and practices to ensure safe railroad operations. 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
12589 001 F2F	MTWRF--	08:00-05:00 PM	03/04/19-03/08/19	ITC	Brown T	Closed

SB 155 Excel in CTE

Accelerating Opportunity KS

12595 351 ONLINE	-----	-	02/18/19-03/17/19	Online	Brown T	Closed
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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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12590 001 F2F	MTWRF--	08:00-05:00 PM	03/11/19-03/15/19	ITC	Brown T Wiley K	Closed

Accelerating Opportunity KS
SB 155 Excel in CTE

12571 350 ONLINE	-----	-	01/22/19-02/07/19	Online	Brown T	Closed
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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
12592 001 F2F	MTWRF--	08:00-05:00 PM	03/25/19-04/03/19		Brown T	Closed

Accelerating Opportunity KS

12596 351 ONLINE	-----	-	03/18/19-05/19/19	Online	Brown T	Closed
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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
12572 010 F2F	MTWRF--	07:00-04:00 PM	03/16/19-03/22/19	ITC	Brown T	Closed

SB 155 Excel in CTE

12591 351 HYB	MTWRF--	07:00-04:00 PM	03/18/19-06/14/19	Online	Brown T Wiley K	Closed
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Lab	MTWRF--	07:00-04:00 PM	03/18/19-03/22/19	ITC		
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Accelerating Opportunity KS
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
12574 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Shafer S	Closed

SB 155 Excel in CTE

SAG 274 - Sustainable Agriculture Spring 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 winter and early spring seasons. This includes production and marketing of winter crops and planning and production of spring and summer crops in high tunnels and open field and marketing these spring 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_274)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11732 001 F2F	-T-----	01:00-01:50 PM	01/22/19-05/24/19	HSC 124	Zimmermann C	Closed
	Lab -T-----	02:00-04:50 PM	01/22/19-05/24/19	HSC 124		

SB 155 Excel in CTE

Science

SCI 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to diverse areas of science, not offered in the normal curriculum, to interested and qualified students within the program. Topics will not be repeated within a 24 month period.

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/sci/#SCI_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12482 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GP 102	Boutte J	Closed

This section's title is **Special Topics: Economic Botany**.

ECONOMIC BOTANY: This course will cover the relationships between plants and people, especially looking at economic uses of plants in agriculture and medicine.

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
11052 001 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	GEB 375	Zale S	Closed
<i>KBOR Seamless Transfer</i>						
11053 002 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 240	Burbidge S	Closed
<i>KBOR Seamless Transfer</i>						
11054 003 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 375	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
11056 004 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	PA 133	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
11055 005 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 375	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
11058 006 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 279	Spence J	Closed
<i>KBOR Seamless Transfer</i>						
11057 007 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 375	Burbidge S	Closed
<i>KBOR Seamless Transfer</i>						
11059 008 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 375	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
11060 009 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	GEB 375	Zale S	Closed
<i>KBOR Seamless Transfer</i>						
11062 010 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 375	Shafer S	Closed
<i>KBOR Seamless Transfer</i>						
11061 011 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	GEB 240	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
11064 012 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 375	Shafer S	Closed
<i>KBOR Seamless Transfer</i>						
11063 013 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 240	Divney J	Closed
<i>KBOR Seamless Transfer</i>						
11065 014 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 375	Zale S	Closed
<i>KBOR Seamless Transfer</i>						
11066 015 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
11067 016 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 375	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
11068 017 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	GEB 240	Killeen J	Closed
<i>KBOR Seamless Transfer</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
11069 018 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	GEB 240	Killeen J	Closed
<i>KBOR Seamless Transfer</i>						
11070 019 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	GEB 240	Killeen J	Closed
<i>KBOR Seamless Transfer</i>						
11071 020 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	GEB 375	Whitman L	Closed
<i>KBOR Seamless Transfer</i>						
11072 021 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	GEB 375	Whitman L	Closed
<i>KBOR Seamless Transfer</i>						
11073 201 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	GEB 375	Pant R	Closed
<i>KBOR Seamless Transfer</i>						
11074 202 F2F	M-W----	01:00-03:50 PM	03/25/19-05/19/19	GEB 375	Grinter B	Closed
<i>KBOR Seamless Transfer</i>						
11075 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
11076 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
11077 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Ketter T	Closed
<i>KBOR Seamless Transfer</i>						
11078 354 ONLNE	-----	-	01/22/19-05/24/19	Online	Pant R	Closed
<i>KBOR Seamless Transfer</i>						
11079 355 ONLNE	-----	-	01/22/19-05/24/19	Online	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
11080 356 ONLNE	-----	-	01/22/19-05/24/19	Online	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
11081 357 ONLNE	-----	-	01/22/19-05/24/19	Online	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
12912 358 ONLNE	-----	-	03/25/19-05/19/19	Online	Burbidge S	Closed
<i>General Education Designation</i>						
<i>Cultural Diversity Designation</i>						
<i>KBOR Seamless Transfer</i>						
11083 426 SEL	-----	-	01/22/19-05/22/20	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
11084 001 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
11085 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	GEB 240	Zirkle B	Closed
<i>KBOR Seamless Transfer</i>						
11086 003 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	PA 133	Foster M	Closed
<i>KBOR Seamless Transfer</i>						
11087 004 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 240	Spence J	Closed
<i>KBOR Seamless Transfer</i>						
11088 005 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	GEB 238	Zirkle B	Closed

This section's title is **Social Problems 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 125 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.

11089 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Petrovic U	Closed
<i>KBOR Seamless Transfer</i>						
11090 352 ONLNE	-----	-	01/22/19-05/24/19	Online	Petrovic U	Closed
<i>KBOR Seamless Transfer</i>						
11091 353 ONLNE	-----	-	01/22/19-05/24/19	Online	Seiler C	Closed
<i>KBOR Seamless Transfer</i>						
11092 354 ONLNE	-----	-	01/22/19-05/24/19	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
10896 001 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	PA 145	Galbrecht F	Closed
10898 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	PA 145	Ladd G	Closed
10901 201 F2F	M-----	06:00-09:00 PM	02/04/19-05/24/19	PA 133	Gabrielson J	Closed
10904 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Gabrielson J	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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11093 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 279	Pant R	Closed
11094 002 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	GEB 240	Burbidge S	Closed
11095 003 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 352	Divney J	Closed
11097 201 F2F	-T-----	06:00-09:00 PM	02/05/19-05/24/19	GEB 240	Whitman L	Closed
11098 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Blobaum E	Closed
11099 352 ONLNE	-----	-	01/22/19-05/24/19	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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC_146\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11101 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	GEB 375	Allée 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 \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC_180\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11109 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Petrovic U	Closed

SOC 205 - Sociology of Food

Through this exploration of food in society, students will discover the fundamental significance of the relationships between people and food. In studying the ways food is produced and consumed, we will also discover the ways food shapes and expresses relationships among people. This most basic of human needs is easily taken for granted by those who have plenty, while the causes of hunger are easily dismissed or misunderstood. This course will address such misunderstandings, as well as issues of culture, meaning, identity, power, and ecology, all through a focus on food. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/soc/#SOC_205\)](http://catalog.jccc.edu/coursedescriptions/soc/#SOC_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11110 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Shafer S	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 \(http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120\)](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10314 001 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 318	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
10316 002 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 318	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
10318 003 F2F	M-W----	11:00-12:15 PM	01/23/19-05/24/19	SCI 118	Fagan M	Closed
<i>KBOR Seamless Transfer</i>						
10320 004 F2F	M-W----	01:30-02:45 PM	01/23/19-05/24/19	CC 332	Naeymi D	Closed
<i>KBOR Seamless Transfer</i>						
10322 005 F2F	M-W----	03:00-04:15 PM	01/23/19-05/24/19	CC 332	Naeymi D	Closed
<i>KBOR Seamless Transfer</i>						
10324 006 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 332	Schrag C	Closed
<i>KBOR Seamless Transfer</i>						
10325 007 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 332	Schrag C	Closed
<i>KBOR Seamless Transfer</i>						
10327 008 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 332	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
10330 009 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 332	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
10332 010 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 332	Young M	Closed
<i>KBOR Seamless Transfer</i>						
10334 011 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CC 332	Gibbens M	Closed
<i>KBOR Seamless Transfer</i>						
10336 012 F2F	--W----	06:00-09:05 PM	02/13/19-05/24/19	CC 332	Sewell E	Closed
<i>KBOR Seamless Transfer</i>						
10338 350 ONLINE	-----	-	01/22/19-05/24/19	Online	Anderson R	Closed
<i>KBOR Seamless Transfer</i>						
10339 351 ONLINE	-----	-	01/22/19-05/24/19	Online	Anderson R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
10341 352 ONLINE	-----	-	01/22/19-05/24/19	Online	Gibbens M	Closed
<i>KBOR Seamless Transfer</i>						
Note: SPD 120 352 is a completely online section; there are no campus meetings. Students will use Canvas to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Meridith Gibbens, at 913-469-8500, ext. 5305, or e-mail mgibbens@jccc.edu .						
10342 353 ONLINE	-----	-	01/22/19-05/24/19	Online	Sewell E	Closed
<i>KBOR Seamless Transfer</i>						
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, Emily Sewell, at 913-469-8500, ext. 5336, or e-mail esewell2@jccc.edu .						
10343 354 ONLINE	-----	-	01/22/19-05/24/19	Online	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
Note: SPD 120 354 is a completely online course. Students will use Canvas to access course materials; submit written work; participate in class discussions; and communicate with the instructor and other students in the class. The course is not self-paced and students are expected to meet deadlines as set by the instructor. 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 .						
10345 355 ONLINE	-----	-	01/22/19-05/24/19	Online	Anderson R	Closed
<i>KBOR Seamless Transfer</i>						
10346 356 ONLINE	-----	-	02/04/19-05/24/19	Online	Dillavou T	Closed
<i>KBOR Seamless Transfer</i>						

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
10357 001 F2F	M-W-F--	08:00-08:50 AM	01/23/19-05/24/19	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
10358 002 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
10359 003 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 312	Welsch L	Closed
<i>KBOR Seamless Transfer</i>						
10360 004 F2F	M-W-F--	09:00-09:50 AM	01/23/19-05/24/19	CC 325	Broxterman P	Closed
<i>KBOR Seamless Transfer</i>						
10361 005 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 312	Welsch L	Closed
<i>KBOR Seamless Transfer</i>						
10362 006 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 332	Vellinga H	Closed
<i>KBOR Seamless Transfer</i>						
10363 007 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 325	Broxterman P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
10364 008 F2F	M-W-F--	10:00-10:50 AM	01/23/19-05/24/19	CC 216	Mohr M	Closed
<i>KBOR Seamless Transfer</i>						
10365 009 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 312	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
10366 010 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 325	Broxterman P	Closed
<i>KBOR Seamless Transfer</i>						
10367 011 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 216	Vellinga H	Closed
<i>KBOR Seamless Transfer</i>						
10368 012 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 216	Vellinga H	Closed
<i>KBOR Seamless Transfer</i>						
10369 013 F2F	M-W-F--	12:00-12:50 PM	01/23/19-05/24/19	CC 318	Craig B	Closed
<i>KBOR Seamless Transfer</i>						
10373 014 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 216	Vasquez A	Closed
<i>KBOR Seamless Transfer</i>						
10374 015 F2F	M-W-F--	01:00-01:50 PM	01/23/19-05/24/19	CC 325	Kingsford A	Closed
<i>KBOR Seamless Transfer</i>						
10375 016 F2F	M-W-F--	02:00-02:50 PM	01/23/19-05/24/19	CC 325	Kingsford A	Closed
<i>KBOR Seamless Transfer</i>						
10376 017 F2F	M-W----	09:00-10:15 AM	01/23/19-05/24/19	OCB 142	Naeymi D	Closed
<i>KBOR Seamless Transfer</i>						
10377 018 F2F	M-W----	02:00-03:15 PM	01/23/19-05/24/19	CC 312	Wichman T	Closed
<i>KBOR Seamless Transfer</i>						
10379 020 F2F	--W-F--	10:30-11:45 AM	01/23/19-05/24/19	CC 331	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
10380 021 F2F	--W-F--	12:00-01:15 PM	01/23/19-05/24/19	CC 331	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
10381 022 F2F	--W-F--	01:30-02:45 PM	01/23/19-05/24/19	CC 331	Coupe K	Closed
<i>KBOR Seamless Transfer</i>						
10481 023 F2F	-T-R---	08:00-09:15 AM	01/22/19-05/24/19	CC 312	Stout D	Closed
<i>KBOR Seamless Transfer</i>						
10482 024 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	GEB 238	Stanley J	Closed
This section's title is Public Speaking Honors .						
<i>Honors Course</i>						
<i>KBOR Seamless Transfer</i>						
Note: This is an honors section. Enrollment is by permission, requiring a minimum GPA of 3.5 and department approval. Course objectives and competencies remain the same as for other 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.						
10483 025 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 312	Stout D	Closed
<i>KBOR Seamless Transfer</i>						
10484 026 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 318	Young M	Closed
<i>KBOR Seamless Transfer</i>						
10485 027 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC 331	Hubbard S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>KBOR Seamless Transfer</i>						
10487 028 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 318	Young M	Closed
<i>KBOR Seamless Transfer</i>						
10489 029 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 216	Stanley J	Closed
<i>KBOR Seamless Transfer</i>						
10490 030 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 325	Miller D	Closed
<i>KBOR Seamless Transfer</i>						
10492 031 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 312	Rose T	Closed
<i>KBOR Seamless Transfer</i>						
10494 032 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 216	Stanley J	Closed
<i>KBOR Seamless Transfer</i>						
10496 033 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 325	Miller D	Closed
<i>KBOR Seamless Transfer</i>						
10497 034 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 312	Vellinga H	Closed
<i>KBOR Seamless Transfer</i>						
10498 035 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 312	Vietti E	Closed
<i>KBOR Seamless Transfer</i>						
10509 036 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	CC 318	Geiger W	Closed
<i>KBOR Seamless Transfer</i>						
10510 037 F2F	M-----	03:00-05:50 PM	01/28/19-05/24/19	CC 331	Anderson R	Closed
<i>KBOR Seamless Transfer</i>						
10511 038 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	CC 325	Heapes T	Closed
<i>KBOR Seamless Transfer</i>						
10513 040 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	CC 325	Patrick B	Closed
<i>KBOR Seamless Transfer</i>						
10514 041 F2F	---R---	06:00-09:05 PM	02/14/19-05/24/19	 DSH 206	Rose T	Closed
<i>KBOR Seamless Transfer</i>						
10516 376 HYB	-----	-	01/22/19-03/15/19	Online	Anderson R	Closed
	M-----	10:00-12:50 PM	02/18/19-02/18/19	CC 331		
	M-----	10:00-12:50 PM	02/25/19-02/25/19	CC 331		
	M-----	10:00-12:50 PM	03/04/19-03/04/19	CC 331		
	M-----	10:00-12:50 PM	03/11/19-03/11/19	CC 331		
<i>KBOR Seamless Transfer</i>						
<i>Mandatory Classroom Meetings</i>						
10517 377 HYB	-----	-	02/18/19-04/19/19	Online	Anderson R	Closed
	M-----	10:00-12:50 PM	03/25/19-03/25/19	CC 331		
	M-----	10:00-12:50 PM	04/01/19-04/01/19	CC 331		
	M-----	10:00-12:50 PM	04/08/19-04/08/19	CC 331		
	M-----	10:00-12:50 PM	04/15/19-04/15/19	CC 331		
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
10518 378 HYB	-----	-	01/22/19-05/24/19	Online	Young M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
	-T-----	06:00-08:50 PM	02/26/19-02/26/19	CC 318		
	-T-----	06:00-08:50 PM	03/26/19-03/26/19	CC 318		
	-T-----	06:00-08:50 PM	04/16/19-04/16/19	CC 318		
	-T-----	06:00-08:50 PM	05/07/19-05/07/19	CC 318		

Mandatory Classroom Meetings

KBOR Seamless Transfer

Note: SPD 121 378 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.

10519 379 HYB	-----	-	01/22/19-05/24/19	Online	Young M	Closed
	-T-----	06:00-08:50 PM	03/05/19-03/05/19	CC 318		
	-T-----	06:00-08:50 PM	04/02/19-04/02/19	CC 318		
	-T-----	06:00-08:50 PM	04/23/19-04/23/19	CC 318		
	-T-----	06:00-08:50 PM	05/14/19-05/14/19	CC 318		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches to classmates and the instructor. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the start of the semester. For more information, contact the instructor, Myra Young, at myoung@jccc.edu or 913-469-8500, ext. 4128.

10520 380 HYB	-----	-	01/22/19-05/24/19	Online	Vasquez A	Closed
	--W----	06:00-08:50 PM	02/27/19-02/27/19	CC 318		
	--W----	06:00-08:50 PM	03/27/19-03/27/19	CC 318		
	--W----	06:00-08:50 PM	04/17/19-04/17/19	CC 318		
	--W----	06:00-08:50 PM	05/08/19-05/08/19	CC 318		

Mandatory Classroom Meetings

KBOR Seamless Transfer

Note: SPD 121 380 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 the first day of class, January 22, 2019. You must log into the course via Canvas to get started. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

10521 381 HYB	-----	-	01/22/19-05/24/19	Online	Vasquez A	Closed
	--W----	06:00-08:50 PM	03/06/19-03/06/19	CC 318		
	--W----	06:00-08:50 PM	04/03/19-04/03/19	CC 318		
	--W----	06:00-08:50 PM	04/24/19-04/24/19	CC 318		
	--W----	06:00-08:50 PM	05/15/19-05/15/19	CC 318		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: SPD 121 381 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use Canvas to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in Canvas the first day of class, January 22, 2019. You must log into the course via Canvas to get started. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

10522 382 HYB	-----	-	01/22/19-05/24/19	Online	Fagan M	Closed
	---R---	06:00-08:50 PM	04/04/19-04/04/19	CC 318		
	---R---	06:00-08:50 PM	04/18/19-04/18/19	CC 318		
	---R---	06:00-08:50 PM	05/02/19-05/02/19	CC 318		
	---R---	06:00-08:50 PM	05/16/19-05/16/19	CC 318		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Mandatory Classroom Meetings</i>						
<i>KBOR Seamless Transfer</i>						
10523 383 HYB	-----	-	01/22/19-05/24/19	Online	Hubbard S	Closed
	----S-	09:00-11:50 AM	02/09/19-02/09/19	CC 312		
	----S-	09:00-11:50 AM	03/09/19-03/09/19	CC 312		
	----S-	09:00-11:50 AM	04/06/19-04/06/19	CC 312		
	----S-	09:00-11:50 AM	05/11/19-05/11/19	CC 312		

KBOR Seamless Transfer

Mandatory Classroom Meetings

Note: SPD 121 383 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use Canvas to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Staci Hubbard, at 913-469-8500, ext. 5325, or at shubbar7@jccc.edu.

10524 384 HYB	-----	-	01/22/19-05/24/19	Online	Vasquez A	Closed
	----S-	09:00-11:50 AM	02/23/19-02/23/19	CC 325		
	----S-	09:00-11:50 AM	03/30/19-03/30/19	CC 325		
	----S-	09:00-11:50 AM	04/20/19-04/20/19	CC 325		
	----S-	09:00-11:50 AM	05/11/19-05/11/19	CC 325		

Mandatory Classroom Meetings

KBOR Seamless Transfer

Note: SPD 121 384 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
10347 001 F2F	M-W----	12:30-01:45 PM	01/23/19-05/24/19	CC 312	Wichman T	Closed
10348 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	CC 331	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
10353 001 F2F	--W----	02:00-04:50 PM	01/30/19-05/24/19	CC 216	Stanley J Stout D	Closed

SPD 132 - Intermediate Debate I

This course is designed for those students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 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
10354 001 F2F	--W----	02:00-04:50 PM	01/30/19-05/24/19	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
10349 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	CC 332	Schrag C	Closed
10350 002 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC 318	Schrag C	Closed
10351 350 ONLNE	-----	-	02/04/19-05/24/19	Online	Miller D	Closed

Note: This Intercultural Communication course is an online course that incorporates the same content and expectations as the traditional on-campus course. Since this course will use Canvas students should be actively engaged in the class and should expect to be online at least 2-3 times a week. Students should be self-motivated, able to manage time effectively and computer literate. This is a late-start class so the course will be available in Canvas on the first day of class, February 4, 2019. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu.

10352 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Welsch L	Closed
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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
10355 001 F2F	--W----	02:00-04:50 PM	01/30/19-05/24/19	CC 216	Stanley J Stout D	Closed

SPD 235 - Advanced Debate

This course is designed for students interested in participating in competitive intercollegiate debate. Through the course, students will learn debate theory, debate skills and techniques, and methods of becoming successful intercollegiate competitors. Students are expected to travel to tournaments in order to develop skills in research, argument construction, debate format, intercollegiate debate speaking style and refutation will be developed. Students enrolling in this course will be required to participate as members of the intercollegiate debate team and will attend an appropriate number of weekend intercollegiate debate tournaments a semester. 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
10356 001 F2F	--W----	02:00-04:50 PM	01/30/19-05/24/19	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
10691 001 F2F	M-W-F--	11:00-11:50 AM	01/23/19-05/24/19	GEB 342	Noble T	Closed
<i>KBOR Seamless Transfer</i>						
10692 002 F2F	-T-R---	11:00-12:15 PM	01/22/19-05/24/19	GEB 342	Urban A	Closed
<i>KBOR Seamless Transfer</i>						
10693 351 ONLNE	-----	-	01/22/19-05/24/19	Online	Roose A	Closed

KBOR Seamless Transfer

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
10694 001 F2F	-T-R---	09:30-10:45 AM	01/22/19-05/24/19	CC BLBOX	Urban A	Closed
10695 002 F2F	M-W----	12:30-01:45 PM	01/23/19-05/24/19	CC BLBOX	Noble T	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
10697 001 F2F	M-W----	09:30-10:45 AM	01/23/19-05/24/19	CC BLBOX	McMurray A	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
10698 501 INT	-----	-	01/22/19-05/24/19		James J	9 of 10

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10700 501 INT	-----	-	01/22/19-05/24/19		Pettigrew B	5 of 8

Requirement: Department approval

THEA 140 - Basic Stagecraft

This course introduces the general student and theater major to basic stagecraft. Through lectures, in-class demonstrations and hands-on experiences, the student will gain a working and appreciative knowledge of technical theater. The course includes 15 lab hours and attendance at two live theatrical productions. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
12548 001 F2F	-T-R---	11:00-12:25 PM	01/22/19-05/24/19	CC 182	Rothwell T	Closed

KBOR Seamless Transfer

THEA 145 - Introduction to Theater Design

This lecture and studio class introduces the theory and practice of theater design and the graphics and standards of entertainment technology. Emphasis will be on the processes and practices used in designing for the performing arts. Using course-taught computer and hand-based drawing techniques, the student will create a portfolio of his or her work through in-class projects. 2 hrs. lecture, 2 hrs. lab/wk. This course is typically offered in the spring semester.

Credit Hours: 3

Associated Costs: \$20 to 80

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10703 001 F2F	M-W----	10:00-12:05 PM	01/23/19-05/24/19	CC 354	James J	Closed

THEA 209 - Script Analysis

Script Analysis introduces students to those methods used in the theater for the study and/or analysis of plays. Directors, actors and designers use script analysis during their preparatory work and then continue to use it through the rehearsal process until, and sometimes even after, the production has finished. This course is of value to the student because it focuses on the crucial elements of a play encountered during the production process including dramatic structure, content and meaning. 3 hrs. lecture/wk. This course is typically offered in the fall semester only.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10704 001 F2F	-T-R---	02:00-03:15 PM	01/22/19-05/24/19	CC 229	Noble T	Closed

THEA 230 - Acting II

This continuation of Acting I will focus on more in-depth character analysis and development, emphasizing the actor's responsibility in creating the character. Students will complete a minimum of five in-class performances. 3 hrs./wk. plus rehearsals and performances.

Credit Hours: 3

Prerequisite: THEA 130 (with a grade of "C" or higher)

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10713 001 F2F	-T-R---	12:30-01:45 PM	01/22/19-05/24/19	CC BLBOX	Pettigrew B	Closed

KBOR Seamless Transfer

THEA 232 - Directing

This course is an introductory survey in the process of reading and producing plays. The focus of the course will be on reading a play and understanding the steps necessary to create a production of that play. Some of the topics explored will include play selection, script analysis, the audition process, the rehearsal process, stage management, directing, and the actor-audience-director relationship. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: THEA 120

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10716 001 F2F	----F--	10:00-12:50 PM	01/25/19-05/24/19	CC BLBOX	Pettigrew B	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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10718 501 INT	-----	-	01/22/19-05/24/19		James J	9 of 10

KBOR Seamless Transfer

Requirement: Department approval

THEA 250 - Introduction to Costume Design

This course is designed to instruct students on the concepts and realities of costume design. The course will provide hands-on design exercises that will include researching historical time periods, script reading and production analysis, costume rendering techniques, and presenting designs in a production meeting. This course is typically taught in the spring semester. 2 hrs. lecture and 2 hrs. lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10720 001 F2F	M-W----	02:00-04:05 PM	01/23/19-05/24/19	CC 296	James J	Closed

THEA 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to performance, technical theatre, and design not normally taught in the curriculum, to interested and qualified students within the program. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Instructor approval

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10721 001 F2F	-T-R---	03:30-04:45 PM	01/22/19-05/24/19	CC 229	Roose A	Closed

This section's title is **Special Topics: Dramaturgy**.

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
11623 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	50 of 50

WCTR 107 - Sentence Pattern Skills

This Writing Center course is designed to enable writers to identify parts of speech, elements of a sentence, and basic sentence patterns. Emphasis is on simple sentence composing and combining. Students are encouraged practice writing to develop fluency of text. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/wctr/#WCTR_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
11624 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	49 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
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CRN	Days	Time	Date	Location	Instructor	Seats Open
12790 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Byrne K	Closed
11625 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	50 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
11626 960 IND	-----	-	01/22/19-05/24/19	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
11627 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	46 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
11628 350 ONLNE	-----	-	01/22/19-05/24/19	Online	Byrne K	48 of 50
11629 960 IND	-----	-	01/22/19-05/24/19	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
11630 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	48 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
11631 960 IND	-----	-	01/22/19-05/24/19	LIB 308	Byrne K	48 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
10859 001 F2F	-T----	09:00-11:50 AM	01/22/19-05/24/19	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
10861 002 F2F	-T----	06:00-08:50 PM	01/29/19-05/24/19	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
10862 003 F2F	----S-	09:00-11:50 AM	01/26/19-05/24/19	RC 323	Lafferty P	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
10863 004 F2F	M-----	09:00-11:50 AM	01/28/19-05/24/19	RC 323	Bandel W	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
10864 005 F2F	M-----	02:30-05:20 PM	01/28/19-05/24/19	RC 376	White M	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
10865 350 ONLNE	-----	-	01/24/19-05/24/19	Online	Friedrichsen L	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						
10868 351 ONLNE	-----	-	01/24/19-05/24/19	Online	Friedrichsen L	Closed
<i>Accelerating Opportunity KS</i>						
<i>SB 155 Excel in CTE</i>						

CRN	Days	Time	Date	Location	Instructor	Seats Open
10871 376 HYB	---R---	02:00-04:50 PM	01/24/19-01/24/19	RC 323	Friedrichsen L	Closed
	-----	-	01/24/19-05/24/19	Online		
	---R---	02:00-04:50 PM	02/28/19-02/28/19	RC 323		
	---R---	02:00-04:50 PM	03/07/19-03/07/19	RC 323		
	---R---	02:00-04:50 PM	04/04/19-04/04/19	RC 323		
	---R---	02:00-04:50 PM	05/02/19-05/02/19	RC 323		

Accelerating Opportunity KS

SB 155 Excel in CTE

Mandatory Classroom Meetings

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
10872 001 F2F	M-W----	01:00-02:20 PM	01/23/19-05/24/19	RC 323	Hopper J	Closed

Accelerating Opportunity KS

10873 002 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 376	Lafferty P	Closed
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Accelerating Opportunity KS

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
12505 001 F2F	--W----	09:00-10:50 AM	01/30/19-05/24/19	RC 323	Young A	Closed

SB 155 Excel in CTE

Accelerating Opportunity KS

10874 350 ONLINE	-----	-	02/28/19-05/09/19	Online	Friedrichsen L	Closed
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Accelerating Opportunity KS

SB 155 Excel in CTE

10875 376 HYB	---R---	06:00-08:50 PM	02/28/19-02/28/19	RC 376	Friedrichsen L	Closed
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CRN	Days	Time	Date	Location	Instructor	Seats Open
	-----	-	02/28/19-05/09/19	Online		
	---R---	06:00-08:50 PM	03/07/19-03/07/19	RC 376		
	---R---	06:00-08:50 PM	04/04/19-04/04/19	RC 376		
	---R---	06:00-08:50 PM	05/02/19-05/02/19	RC 376		

Accelerating Opportunity KS
Mandatory Classroom Meetings
SB 155 Excel in CTE

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
10876 001 F2F	-T-R---	05:00-05:50 PM	01/22/19-05/24/19	RC 323	Lafferty P	Closed

Accelerating Opportunity KS

10877 002 F2F	M-W----	03:00-03:50 PM	01/23/19-05/24/19	RC 323	Lafferty P	Closed
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Accelerating Opportunity KS

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
10878 376 HYB	--W----	04:00-05:50 PM	01/30/19-05/24/19	RC 323	Lewandowski M	Closed
	-----	-	01/30/19-05/24/19	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

WEB 122 - CSS Techniques & Projects

Students will apply Cascading Style Sheet (CSS) techniques through the use of professional, advanced website development projects. Industry-standard Hypertext Markup Language (HTML) semantic markup practices and presentation separation through CSS is emphasized. CSS topics include professional syntax practices, formatting and layout skills. Advanced CSS skills for float, positioning, alignment and image formatting are

covered. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10879 001 F2F	M-----	06:00-08:50 PM	01/28/19-05/24/19	RC 323	White M	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
10880 350 ONLNE	-----	-	01/23/19-04/03/19	Online	Friedrichsen L	Closed
<i>SB 155 Excel in CTE</i>						
10881 376 HYB	--W----	06:00-08:50 PM	01/23/19-01/23/19	RC 376	Young A	Closed
	-----	-	01/23/19-04/03/19	Online		
	--W----	06:00-08:50 PM	02/06/19-02/06/19	RC 376		
	--W----	06:00-08:50 PM	03/06/19-03/06/19	RC 376		
	--W----	06:00-08:50 PM	03/27/19-03/27/19	RC 376		
	--W----	06:00-08:50 PM	04/03/19-04/03/19	RC 376		

Mandatory Classroom Meetings

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
10882 001 F2F	----F--	11:00-01:50 PM	03/01/19-04/05/19	RC 323	Bandel W	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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
10883 001 F2F	--W----	06:00-08:50 PM	01/30/19-05/24/19	RC 323	Nord E	Closed

SB 155 Excel in CTE

WEB 128 - Server Scripting: PHP with MySQL

This course covers the commands and techniques available to add functionality to Web pages using Hypertext Preprocessor (PHP). Students will build client-side PHP scripts with variables, functions, expressions, methods and events to validate forms and enhance Web page functionality. The basics of server-side scripting are introduced. Students also define and build a relational database using MySQL, then use PHP scripts as well as SQL in a Web page to connect to the database to edit, delete and enter records. 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
10885 350 ONLNE	-----	-	02/28/19-05/09/19	Online	Mein P	Closed

SB 155 Excel in CTE

WEB 230 - Asynchronous JavaScript and XML

This course will introduce and explain the use of AJAX (Asynchronous JavaScript and eXtensible Markup Language). AJAX is not a technology itself but is a combination of HTML (HyperText Markup Language), CSS (Cascading Style Sheets) and JavaScript's use of the DOM (Document Object Model). Students will use AJAX to dynamically load data into a Web page. Topics include auto complete functionality and other interactive features to a Web page. 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
10891 001 F2F	---R---	06:00-08:50 PM	04/04/19-05/02/19	RC 374	Young A	Closed

SB 155 Excel in CTE

WEB 233 - Visual Storytelling

Storytelling is how people share ideas and meaning. It's how we communicate, reach each other and connect. This course provides an introduction to the methods and tools of visual storytelling. Students will explore the impact of visual storytelling and how to communicate visually. Students will use storytelling techniques enabling them to create, design and produce stories using digital media. This course will explore the key elements to tell realistic and compelling visual stories. Students will write scripts, design storyboards, create still and moving images using music and narration to tell their stories. 6 hrs. integrated lecture/lab/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Recommended Courses: CDTP 135 and/or PHOT 121

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10900 376 HYB	-T-----	01:00-04:50 PM	01/22/19-05/24/19	RC 323	Hopper J	Closed
	-----	-	01/22/19-05/24/19	Online		

Mandatory Classroom Meetings

WEB 240 - HTML and CSS II

This course focuses on the latest generation of browser-based technologies for front-end design and development. Topics in the course include Cascading Style Sheets (CSS), HyperText Markup Language (HTML) elements, HTML Application Programming Interface (API), forms, audio and video, offline applications, Canvas drawing and animation, communication APIs, Web Sockets and Web Workers, Geolocation, local and session storage, Web Structured Query language (SQL) Database, and advanced topics such as mobile Web applications, performance analysis, browser issues and developer tools. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: WEB 124

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10909 350 ONLNE	-----	-	01/24/19-05/24/19	Online	Baxter P	Closed

SB 155 Excel in CTE

WEB 241 - Digital Management Methods

The course covers systems development methodologies and the phases of development process from an idea to a product. Students will learn methods and tools that are used in the process of developing web-based and digital media applications. The course will introduce the students to systems development life cycle and the basic skills needed in systems analysis, design and development. Students will deliver an integrated, strategic campaign that demonstrates innovative digital media mastery. Out-of-class collaboration is required to complete the final project. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 4

Associated Costs: \$10-\$15

Prerequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10912 001 F2F	---R---	01:00-03:50 PM	01/24/19-05/24/19	RC 376	Bandel W	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
10914 350 ONLINE	-----	-	04/11/19-05/09/19	Online	Reynolds J	Closed

SB 155 Excel in CTE

WEB 245 - Motion Graphics Tools

This course is designed to introduce students to motion graphics and special effects. All basic applications of the program will be touched upon including credits, transitions, filters, masks and mattes. Students will experience the complete motion graphics workflow, beginning by capturing their own still images and videos and concluding by rendering and exporting an original composition. 1hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10-\$15

Prerequisite or corequisite: WEB 125

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10920 001 F2F	----F--	11:00-01:50 PM	04/12/19-05/10/19	RC 323	Bandel W	Closed

SB 155 Excel in CTE

WEB 290 - Web Development and Digital Media Capstone

This course is the culmination of the course work that makes up the Web Development and Digital Media AAS degree. It incorporates elements from each of the core program courses to allow students to walk through the entire Web design process, including design/project documentation, wire framing, creating mock-ups, revisions, pages and final deliverables. Upon completion of course, students will have a professional website that can serve as part of their professional portfolio. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10-\$15

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_290)

CRN	Days	Time	Date	Location	Instructor	Seats Open
10922 001 F2F	---R---	06:00-08:50 PM	01/24/19-05/24/19	RC 323	Hopper J	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
12619 201 F2F	---R---	02:00-05:00 PM	02/14/19-05/24/19	CC 344	Klinger T	Closed

General Education Designation
Cultural Diversity Designation
KBOR Seamless Transfer

Promoted Searches

- [Winter Session Classes \(/class/results/term_type/Credit?query=keywords%3Awinter&ecid=featured\)](#)
- [Online Classes \(/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLINE?ecid=featured\)](#)
- [Evening Classes \(/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured\)](#)
- [Classes Starting Soon \(/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured\)](#)
- [SB 155 Excel in CTE Classes \(/class/results/term_type/Credit?query=keywords%3As155&ecid=featured\)](#)
- [Short-term Classes \(/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured\)](#)

Resources for Credit Students

- [Steps to enroll \(http://www.jccc.edu/enroll/credit-steps\)](http://www.jccc.edu/enroll/credit-steps)
- [Academic calendar \(http://www.jccc.edu/calendars\)](http://www.jccc.edu/calendars)
- [Course catalog \(http://catalog.jccc.edu\)](http://catalog.jccc.edu)
- [Archived course schedules \(http://www.jccc.edu/enroll/archived-course-schedules.html\)](http://www.jccc.edu/enroll/archived-course-schedules.html)
- [KBOR Transfer \(http://www.kansasregents.org/transfer_articulation\)](http://www.kansasregents.org/transfer_articulation)

Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.

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