

Credit Summer 2017

Note: The JCCC Class Search has a 30 minute refresh period before open seat information will update.

Academic Achievement Center

AAC 100 - Study Skills

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

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60316 001 IND	-----	-	06/05/17-07/27/17	OCB 304	Merritt J	Closed

AAC 102 - Basic Spelling

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

Credit Hours: 3

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60319 001 IND	-----	-	06/05/17-07/27/17	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
60320 001 IND	-----	-	06/05/17-07/27/17	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
60321 001 IND	-----	-	06/05/17-07/27/17	OCB 304	Merritt J	Closed

AAC 113 - Algebra Preparation

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

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60322 001 IND	-----	-	06/05/17-07/27/17	OCB 304	Merritt J	Closed

AAC 120 - Individualized Study

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

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60323 001 IND	-----	-	06/05/17-07/27/17	OCB 304	Merritt J	Closed

AAC 125 - College/Life Success

This is a course designed to introduce the skills necessary for college and career success. The purpose is to assist students in identifying and integrating strengths, individual personality type, learning style and study strategies into their college and life experiences. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/aac/#AAC_125\)](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60324 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hanyasz S	Closed

AAC 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, interest, skills and values.

Note: AAC 135 does not meet in LIB 227; the sections have an individual meeting time and room location.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/aac/#AAC_135\)](http://catalog.jccc.edu/coursedescriptions/aac/#AAC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60290 001 F2F	-T-R---	09:30-12:00 PM	06/06/17-07/27/17	GEB 311	Frigault R	Closed

Accounting

ACCT 111 - Small Business Accounting

This course will introduce the basic accounting procedures needed to maintain daily records for a small business and the use of such records in the decision-making process. Upon successful completion of the course, the student will be able to maintain a set of financial records with the occasional help of an outside accountant. This course does not prepare the student for Accounting II. 3 hrs./wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60019 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Farmer C	Closed

SB 155 Excel in CTE

ACCT 121 - Accounting I

This course is an introduction to accounting fundamentals. Upon successful completion of this course, a student should be able to analyze transactions, use various journals and ledgers, prepare financial statements and summarize results at the close of the fiscal period for the sole proprietorship. 3 hrs./wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60020 001 F2F	MTWR---	09:30-12:15 PM	06/05/17-06/29/17	GEB 363	Forbes H	Closed

SB 155 Excel in CTE

Note: This is a 4-week course designed to be taken with ACCT 122 (CRN: 60049) offered in July.

60022 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 254	Megariss M	Closed
---------------	---------	----------------	-------------------	---------	------------	--------

SB 155 Excel in CTE

60026 003 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 254	Megariss M	Closed
---------------	---------	----------------	-------------------	---------	------------	--------

SB 155 Excel in CTE

60029 004 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 254	Wayne A	Closed
---------------	---------	----------------	-------------------	---------	---------	--------

SB 155 Excel in CTE

60033 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Krug D	Closed
-----------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

60035 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Krug D	Closed
-----------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

CRN	Days	Time	Date	Location	Instructor	Seats Open
60037 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Krug D	Closed
60039 353 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Spoolstra A	Closed
60041 354 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Spoolstra A	Closed
60044 355 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Spoolstra A	Closed

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
60046 001 F2F <i>SB 155 Excel in CTE</i>	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 256	Gluhovsky A	Closed
60049 002 F2F <i>SB 155 Excel in CTE</i>	MTWR---	09:30-12:15 PM	07/03/17-07/27/17	GEB 363	Forbes H	Closed
Note: This is a 4-week course designed to be taken with ACCT 121 (CRN: 60020) offered in June.						
60053 003 F2F <i>SB 155 Excel in CTE</i>	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 256	Wayne A	Closed
60056 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Farmer C	Closed
60059 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Sivaratnam L	Closed
60062 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Fisher E	Closed

ACCT 136 - Computerized Accounting Applications

Upon successful completion of this course, a student will be able to use accounting software to record daily transactions, perform reconciliations, record payroll, generate reports, set up new companies and create budgets. 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
60875 350 ONLNE	-----	-	06/05/17-07/27/17	Online	McNeil K	Closed

SB 155 Excel in CTE

Note: Access to QuickBooks (QB) is required. A new textbook contains a CD and registration code for a trial version of QB 2015. QB prefers Windows (and not a Mac). Use of a MAC is NOT recommended. Some JCCC computer labs have QB 2015 installed as well.

ACCT 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
60065 001 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	OCB 248	Henn R	Closed

SB 155 Excel in CTE

60067 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Cole L	Closed
------------------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

60068 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Cole L	Closed
------------------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

60070 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Cole L	Closed
------------------------	-------	---	-------------------	--------	--------	--------

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
60522 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Groves M	Closed

ADMJ 124 - Criminal Justice and Corrections

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60523 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Gabrielson J	Closed

ADMJ 127 - Criminology

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60524 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Galbrecht F	Closed

ADMJ 215 - Understanding Terrorism

This course serves as a basic introduction to terrorism. Students will examine current and historical events to gain an understanding of terrorist organizations. The development of terrorism and its various forms, including tactics and ideologies as well as terrorism's impact on 21st century civilization, will be examined. The course also addresses the challenges facing criminal justice professionals in developing a coordinated response to terrorism. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/admj/#ADMJ_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60526 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Galbrecht F	Closed

ADMJ 235 - Community Based Corrections

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60527 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Welch J	Closed

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
60719 001 F2F	MTWR---	12:00-02:50 PM	06/05/17-07/27/17	RC 311	Stirk L	Closed

SB 155 Excel in CTE

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
60720 001 F2F	MTWR---	09:00-11:50 AM	06/05/17-07/27/17	RC 311	Kimball 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
60721 001 F2F	MTWR---	12:00-02:50 PM	06/05/17-07/27/17	OCB 106	Byers J	Closed

SB 155 Excel in CTE

Anthropology

ANTH 125 - Cultural Anthropology ▾

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60510 001 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 338	Raab L	Closed
60511 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Raab A	Closed
60512 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Huber-Smith M	Closed
60513 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Raab A	Closed
60514 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Corbett S	Closed

ANTH 126 - Physical Anthropology

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60516 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Corbett S	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 \(http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_130\)](http://catalog.jccc.edu/coursedescriptions/anth/#ANTH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60517 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Ediger R	Closed
60518 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Huber-Smith M	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. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60519 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Raab A	Closed

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
60780 001 F2F	-T-R---	12:00-05:20 PM	06/06/17-07/27/17	LIB 346	Hetler C	Closed

ART 127 - Design 3D

This is a study of the function of three-dimensional organization in the development of visual ideas. Concepts, materials and processes necessary to an understanding of the three-dimensional relationships of space, form, form evolution and the dynamics of structure are explored. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$200 to 400

Prerequisite: ART 124

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60781 001 F2F	-T-R---	12:00-05:20 PM	06/06/17-07/27/17	LIB 311	Hawkins P	Closed

ART 130 - Drawing I

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

Credit Hours: 3

Associated Costs: \$100 to 200

Outline (http://catalog.jccc.edu/coursedescriptions/art/#ART_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60471 001 F2F	MTW----	08:00-11:50 AM	06/05/17-07/26/17	ATB 109	Kligman M	Closed
60472 002 F2F	MTW----	06:00-09:50 PM	06/05/17-07/26/17	ATB 109	Stewart M	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60473 002 F2F	MTW----	06:00-09:50 PM	06/05/17-07/26/17	ATB 109	Stewart M	Closed

ART 135 - Painting I

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

Credit Hours: 3

Associated Costs: \$100 to 200

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60474 001 F2F	MTW----	01:00-04:50 PM	06/05/17-07/26/17	ATB 101	Carroll J	Closed

ART 142 - Ceramics I

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

Credit Hours: 3

Associated Costs: \$100 to 250

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60475 001 F2F	MTW----	08:00-11:50 AM	06/05/17-07/26/17	ATB 111	Haney N	Closed
60476 002 F2F	-TWR---	01:00-04:50 PM	06/06/17-07/27/17	ATB 111	Davis S	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
60477 001 F2F	MTW----	08:00-11:50 AM	06/05/17-07/26/17	ATB 111	Haney N	Closed
60480 002 F2F	-TWR---	01:00-04:50 PM	06/06/17-07/27/17	ATB 111	Davis S	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
60483 001 F2F	MTW----	08:00-11:50 AM	06/05/17-07/26/17	ATB 115	Sandoval A	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
60485 001 F2F	MTW----	08:00-11:50 AM	06/05/17-07/26/17	ATB 115	Sandoval A	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
60487 001 F2F	MTW----	01:00-04:50 PM	06/05/17-07/26/17	ATB 115	Pener S	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
60489 001 F2F	MTW----	01:00-04:50 PM	06/05/17-07/26/17	ATB 115	Pener S	Closed

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
60269 351 ONLNE	-----	-	06/05/17-07/27/17	Online	DiCamillo R	Closed
60270 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Smith A	Closed
60942 353 ONLNE	-----	-	06/12/17-07/27/17	Online	Newlands J	Closed

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
60271 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Zell V	Closed
60272 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Zell V	Closed

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
60273 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Smith A	Closed
60854 352 ONLNE	-----	-	06/05/17-07/27/17	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
60274 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Dolebo M	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 \(http://catalog.jccc.edu/coursedescriptions/asl/#ASL_120\)](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60308 001 F2F	MTW----	08:00-11:05 AM	06/05/17-07/26/17	GEB 215	Kuhns K	Closed

SB 155 Excel in CTE

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. 6 hrs. integrated lecture/lab/wk. 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 \(http://catalog.jccc.edu/coursedescriptions/asl/#ASL_121\)](http://catalog.jccc.edu/coursedescriptions/asl/#ASL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60311 001 F2F	MTW----	06:00-09:05 PM	06/05/17-07/26/17	GEB 215	Symansky R	Closed

SB 155 Excel in CTE

Astronomy

ASTR 120 - Fundamentals of Astronomy

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

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60237 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Koch W	Closed

Note: Orientation for first-time online students is highly recommended. Students should log into the course and begin working within the first week of instruction. Students that haven't logged in within the first week may be dropped for non-attendance. The textbook and all course material is provided free online. There are no on-campus class meetings, but the final exam must be taken in the JCCC Testing Center or at an approved testing center.

60238 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Koch W	Closed
-----------------	-------	---	-------------------	--------	--------	--------

Note: Orientation for first-time online students is highly recommended. Students should log into the course and begin working within the first week of instruction. Students that haven't logged in within the first week may be dropped for non-attendance. The textbook and all course material is provided free online. There are no on-campus class meetings, but the final exam must be taken in the JCCC Testing Center or at an approved testing center.

ASTR 122 - Astronomy

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

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/astr/#ASTR_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60239 001 F2F	M-W----	09:00-10:50 AM	06/05/17-07/26/17	CLB 411	Koch W	Closed
	-T-R---	09:00-09:50 AM	06/06/17-07/27/17	CLB 411		
	Lab -T-R---	10:00-11:50 AM	06/06/17-07/27/17	CLB 411		

Note: Evening viewing sessions are required.

Automotive Technology

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
60313 376 HYB	M-W----	11:00-12:40 PM	06/05/17-07/26/17	ATB 129	Hall D	Closed
	Lab M-W----	01:00-03:40 PM	06/05/17-07/26/17	ATB 190		
	-----	-	06/05/17-07/26/17	Online		

SB 155 Excel in CTE

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
60872 376 HYB	-T-R---	06:00-06:50 PM	06/06/17-07/27/17	ATB 129	Hale H	Closed
	Lab -T-R---	07:00-09:40 PM	06/06/17-07/27/17	ATB 190		
	-----	-	06/06/17-07/27/17	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
60318 500 INT	-----	-	06/05/17-07/27/17		Hale H	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
60825 003 F2F	M-WR---	04:00-08:00 PM	06/05/17-07/27/17	 OHEC 241	Kuria J	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60828 004 F2F	--WR---	08:30-03:30 PM	06/07/17-07/27/17	 OHEC 235	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60849 006 F2F	M-WR---	05:00-09:00 PM	06/05/17-07/27/17	 OHEC 231	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60871 008 F2F	M-----	07:30-04:30 PM	06/05/17-06/12/17	 OHEC 231	Radom V	Closed
	-TWRFS-	07:30-04:30 PM	06/06/17-06/17/17	 OHEC 217		
<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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60873 009 F2F	MTWRFS-	07:30-04:30 PM	07/10/17-07/22/17	 OHEC 209	Radom V	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60826 376 HYB	M-----	08:00-03:00 PM	06/05/17-07/24/17	 OHEC 241	Reischman C	Closed
	-----	-	06/05/17-07/24/17	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60827 377 HYB	-T-----	08:00-04:00 PM	06/06/17-07/25/17	 OHEC 231	Kennedy K	Closed
<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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60829 378 HYB	--W----	08:30-03:30 PM	06/07/17-07/26/17	 OHEC 231	Kobularcik L	Closed
	-----	-	06/07/17-07/26/17	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
<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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60830 379 HYB	--W----	08:00-03:00 PM	06/07/17-07/26/17	 OHEC 241	Reischman C	Closed
	-----	-	06/07/17-07/26/17	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60831 380 HYB	---R---	08:00-03:00 PM	06/08/17-07/27/17	 OHEC 241	Reischman C	Closed
	-----	-	06/08/17-07/27/17	Online		
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i> NOTE: Registration for this source will not begin until 8:00 a.m., on Friday, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60832 381 HYB	---R---	08:00-03:30 PM	06/08/17-07/27/17	 OHEC 231	Kennedy K	Closed
<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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						
60853 382 HYB	----F--	08:00-03:30 PM	06/09/17-07/28/17	 OHEC 233	Brown D	Closed
	-----	-	06/09/17-07/28/17	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, April 14th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/academics/health/nursing-related-occupations/cna-enrollment-tips.html) before April 14th to ensure enrollment eligibility. 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.						

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60835 007 F2F	MTW----	08:30-04:00 PM	07/10/17-07/12/17	 OHEC 235	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. 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.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60824 002 F2F	M-W----	08:30-02:30 PM	06/05/17-07/26/17	 OHEC 233	Pfeffer L	Closed

SB 155 Excel in CTE

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.

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. 2 hrs. lecture/wk.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60240 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Shetty P	Closed

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

BIOL 121 - Introductory Biology for Non-Majors

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

Credit Hours: 4

Associated Costs: \$0 to 15

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60241 001 F2F	M-W----	08:00-10:30 AM	06/05/17-07/26/17	CLB 314	Sherry R	Closed
	Lab -T----	08:00-09:50 AM	06/06/17-07/25/17	SCI 203		
	Lab ---R---	08:00-09:50 AM	06/08/17-07/27/17	SCI 207		
60242 002 F2F	M-W----	10:00-12:30 PM	06/05/17-07/26/17	CLB 316	Finch D	Closed
	Lab M-----	01:00-02:50 PM	06/05/17-07/24/17	SCI 203		
	Lab --W----	01:00-02:50 PM	06/07/17-07/26/17	SCI 207		
60243 003 F2F	M-W----	10:45-01:15 PM	06/05/17-07/26/17	CLB 314	Arico J	Closed
	Lab -T----	10:00-11:50 AM	06/06/17-07/25/17	SCI 203		
	Lab ---R---	10:00-11:50 AM	06/08/17-07/27/17	SCI 207		
60245 005 F2F	-T-R---	10:00-12:30 PM	06/06/17-07/27/17	CLB 316	Daggett M	Closed
	Lab -T----	01:00-02:50 PM	06/06/17-07/25/17	SCI 203		
	Lab ---R---	01:00-02:50 PM	06/08/17-07/27/17	SCI 207		
60246 050 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CLB 314	Arico J	Closed
	Lab -T----	06:00-07:50 PM	06/06/17-07/25/17	SCI 203		
	Lab ---R---	06:00-07:50 PM	06/08/17-07/27/17	SCI 207		
60247 380 HYB	Lab M-----	03:00-04:50 PM	06/05/17-07/24/17	SCI 203	Finch D	Closed
	-----	-	06/05/17-07/27/17	Online		
	Lab --W----	03:00-04:50 PM	06/07/17-07/26/17	SCI 207		
<i>Mandatory Classroom Meetings</i>						
60248 381 HYB	Lab M-----	06:00-07:50 PM	06/05/17-07/24/17	SCI 203	Daggett M	Closed
	-----	-	06/05/17-07/27/17	Online		
	Lab --W----	06:00-07:50 PM	06/07/17-07/26/17	SCI 207		
<i>Mandatory Classroom Meetings</i>						

BIOL 130 - Environmental Science

Environmental Science seeks to describe problems and solutions associated with human use of natural resources. Students will study the major physical and biological processes that govern the complex interactions in natural ecosystems. Major course topics include human population growth, resource use and pollution. Practical solutions aimed at sustainability will be identified and examined. This is an introductory, nonscience-major survey course. 3 hrs./wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60249 001 F2F	M-W----	01:30-03:50 PM	06/05/17-07/26/17	GP 102	Oden J	Closed
60250 050 F2F	M-W----	06:00-08:50 PM	06/05/17-07/26/17	GP 102	Criner K	Closed
60251 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Follo J	Closed
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
60252 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Follo J	Closed
Note: All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
60253 352 ONLNE	-----	-	06/05/17-07/02/17	Online	Williams D	Closed
Note: Students should contact the instructor one week prior to class beginning. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						
60254 353 ONLNE	-----	-	06/05/17-07/02/17	Online	Williams D	Closed
Note: Students should contact the instructor one week prior to class beginning. All assignments and exams are accessed online and have specific due dates. Please refer to the syllabus and schedule for exact dates.						

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
60848 001 F2F	Lab -T-R---	01:00-02:50 PM	06/06/17-07/27/17	CLB 303	Layne R	Closed
60256 350 ONLNE	Lab -----	-	06/05/17-07/27/17	Online	Follo J	Closed
Note: All lab assignments and exams are submitted online. 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 are weekly labs with some labs requiring students visit local areas to assess flora and fauna.						
60909 351 ONLNE	Lab -----	-	06/05/17-07/27/17	Online	Follo J	Closed

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
60257 001 F2F	M-W----	08:00-10:30 AM	06/05/17-07/26/17	RC 370	Mozingo L	Closed
	Lab -T-R---	08:00-09:50 AM	06/06/17-07/27/17	RC 345		
60258 002 F2F	M-W----	12:00-02:30 PM	06/05/17-07/26/17	RC 370	Mozingo L	Closed
	Lab -T-R---	12:00-01:50 PM	06/06/17-07/27/17	RC 345		
60260 380 HYB	Lab M-W----	09:00-10:50 AM	06/05/17-07/26/17	RC 345	Lasley L	Closed
	-----	-	06/05/17-07/27/17	Online		

Mandatory Classroom Meetings

Note: Lab sessions are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

60261 381 HYB	-----	-	06/05/17-07/27/17	Online	Olsen R	Closed
	Lab -----S-	08:00-04:00 PM	06/17/17-06/17/17	RC 345		
	Lab -----S-	08:00-04:00 PM	06/24/17-06/24/17	RC 345		
	Lab -----S-	08:00-04:00 PM	07/08/17-07/08/17	RC 345		
	Lab -----S-	08:00-04:00 PM	07/15/17-07/15/17	RC 345		

Mandatory Classroom Meetings

Note: Lab sessions are mandatory. The lecture for this section will be conducted online. Exams will be taken in the Testing Center in SC 334 at JCCC. Students are required to complete online orientation.

BIOL 140 - Human Anatomy ▶

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

Credit Hours: 4

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60262 001 F2F	MTWR---	08:00-10:50 AM	06/05/17-07/27/17	CLB 309	Brown S	Closed
60263 002 F2F	MTWR---	09:00-11:50 AM	06/05/17-07/27/17	CLB 313	Makarov A	Closed
60264 003 F2F	MTWR---	11:00-01:50 PM	06/05/17-07/27/17	CLB 309	Brown S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60265 004 F2F	MTWR---	12:00-02:50 PM	06/05/17-07/27/17	CLB 313	Makarov A	Closed
60267 050 F2F	MTWR---	06:00-08:50 PM	06/05/17-07/27/17	CLB 309	Schmerge J	Closed
60820 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Lasley L	Closed
60821 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Witters L	Closed

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
60276 002 F2F	MTWR---	09:00-12:15 PM	06/05/17-07/27/17	SCI 103	Bishop D	Closed
60277 003 F2F	MTWR---	01:00-04:15 PM	06/05/17-07/27/17	SCI 103	Watkins L	Closed
60278 050 F2F	MTWR---	06:00-09:15 PM	06/05/17-07/27/17	SCI 103	Rupp P	Closed
60279 380 HYB	-----	-	06/05/17-07/27/17	Online	Baumgardner B	Closed
	-T-----	05:00-08:50 PM	06/06/17-07/25/17	SCI 111		
<i>Mandatory Classroom Meetings</i>						
60280 381 HYB	-----	-	06/05/17-07/27/17	Online	Baumgardner B	Closed
	--W----	05:00-08:50 PM	06/07/17-07/26/17	SCI 111		

Mandatory Classroom Meetings

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60281 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Wright G	Closed
Note: Exams are taken at the JCCC Testing Center or an approved testing site.						
60282 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Wright G	Closed
Note: Exams are taken at the JCCC Testing Center or an approved testing site.						
60283 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Osterhaus G	Closed
Note: Exams are taken at the JCCC Testing Center or an approved testing site.						
60284 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Osterhaus G	Closed
Note: Exams are taken at the JCCC Testing Center or an approved testing site.						
60285 380 HYB	M-W----	01:00-03:50 PM	06/05/17-07/26/17	SCI 111	Menon Parker J	Closed
	-----	-	06/05/17-07/27/17	Online		

Mandatory Classroom Meetings

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60774 001 F2F	MTWR---	10:00-11:50 AM	06/05/17-07/27/17	CLB 405	Watkins L	Closed
60287 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Olsen R	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						
60288 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Stawinski S	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						
60289 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Clark M	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						

BIOL 230 - Microbiology

This is a general introductory course in microbiology. It provides a background in many areas of microbiology with an emphasis on medical aspects. The structure, physiology, antimicrobial agents, immunology and host-parasite relationship of microorganisms will be studied, with an emphasis on bacteria. 3 hrs./wk.

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

Credit Hours: 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60292 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	SCI 116	Oden J	Closed
60293 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	SCI 116	El Mellouki T	Closed
60294 003 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	SCI 116	El Mellouki T	Closed
60296 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Seitz H	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						
60297 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Seitz H	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						
60298 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Wolfram L	Closed
Note: This online course will require testing in the JCCC testing center or an approved testing site.						

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
60300 001 F2F	Lab MTWR---	09:30-11:20 AM	06/05/17-07/27/17	SCI 113	Oden J	Closed
60301 002 F2F	Lab MTWR---	11:30-01:20 PM	06/05/17-07/27/17	SCI 113	Oden J	Closed
60302 003 F2F	Lab MTWR---	02:00-03:50 PM	06/05/17-07/27/17	SCI 113	El Mellouki T	Closed
60303 050 F2F	Lab MTWR---	07:30-09:20 PM	06/05/17-07/27/17	SCI 113	Ducote M	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
60305 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Berry S	Closed
60306 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Berry S	Closed
60773 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Berry S	Closed

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, pharmacokinetics, 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
60307 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Clark M	Closed

Note: This online course will require testing in the JCCC testing center or an approved testing site.

Biotechnology

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
-----	------	------	------	----------	------------	------------

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60014 500 INT
 SB 155 Excel in CTE
 Requirement: Department approval

Business

BUS 121 - Introduction to Business ▶

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/bus/#BUS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60027 001 F2F MTWR--- 08:00-09:15 AM 06/05/17-07/27/17 GEB 258 Nikravan S Closed
 SB 155 Excel in CTE
 Note: If you plan to enroll in this face-to-face section, you might also consider two additional Business Administration courses offered immediately after this class in the same classroom. BUS 150: Business Communications from 9:30-10:45am followed by BUS 141: Principles of Management from 11:00am-12:15pm.

60025 350 ONLNE ----- - 06/05/17-07/02/17 Online Noel M Closed

SB 155 Excel in CTE

60021 351 ONLNE ----- - 06/05/17-07/27/17 Online Gallagher K Closed

SB 155 Excel in CTE

60023 352 ONLNE ----- - 06/05/17-07/27/17 Online Gallagher K Closed

SB 155 Excel in CTE

60024 353 ONLNE ----- - 06/05/17-07/27/17 Online Gallagher K Closed

SB 155 Excel in CTE

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
-----	------	------	------	----------	------------	------------

60030 350 ONLNE ----- - 06/05/17-07/02/17 Online Noel M Closed

60032 351 ONLNE ----- - 06/05/17-07/27/17 Online Hussein S Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60031 352 ONLNE	-----	-	06/05/17-07/02/17	Online	Noel M	Closed
60028 353 ONLNE	-----	-	07/03/17-07/27/17	Online	Hussein S	Closed

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
60034 350 ONLNE	-----	-	06/05/17-07/02/17	Online	Webb F	Closed

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
60040 001 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	GEB 258	Ferguson G	Closed

SB 155 Excel in CTE

Note: If you plan to enroll in this face-to-face section, you might also consider two additional Business Administration courses offered in the same classroom. BUS 121: Introduction to Business from 8:00-9:15am and BUS 150: Business Communications from 9:30-10:45am.

60036 350 ONLNE	-----	-	06/05/17-07/02/17	Online	Webb F	Closed
-----------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

60038 352 ONLNE	-----	-	07/03/17-07/27/17	Online	Webb F	Closed
-----------------	-------	---	-------------------	--------	--------	--------

SB 155 Excel in CTE

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
60042 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 258	Anderson K	Closed
Note: If you plan to enroll in this face-to-face section, you might also consider two additional Business Administration courses offered in the same classroom. BUS 121: Introduction to Business from 8:00-9:15am and BUS 141: Principles of Management from 11:00am-12:15pm.						
60043 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Gaines K	Closed
60045 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Haverty M	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
60047 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Begley J	Closed
<i>SB 155 Excel in CTE</i>						

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
60048 350 ONLNE	-----	-	06/05/17-06/30/17	Online	Korb J	Closed
60050 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Smith J	Closed

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
60051 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hussein S	Closed

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
60052 001 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	ITC 181	Bedell T	Closed
<i>SB 155 Excel in CTE</i>						
60054 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Feagan C	Closed
<i>SB 155 Excel in CTE</i>						
60055 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Feagan C	Closed
<i>SB 155 Excel in CTE</i>						
60058 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Waldman E	Closed
<i>SB 155 Excel in CTE</i>						
60060 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Waldman E	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
60061 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Pener M	Closed

SB 155 Excel in CTE

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

Associated Costs: \$25-\$100

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60063 500 INT	-----	-	06/05/17-07/27/17		Hussein S	7 of 8

SB 155 Excel in CTE

Note: This 1-credit hour course requires the student to work at an approved jobsite a minimum of 120 hours. During the 8-week summer semester, the student is expected to work an average of 15 hours/week a total of 120 hours during the 8-week summer term.

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
60201 001 F2F	M-----	12:00-02:45 PM	06/12/17-07/10/17	RC 374	Hincks B	Closed

SB 155 Excel in CTE

60202 002 F2F	--W----	08:00-10:45 AM	06/14/17-07/12/17	RC 374	Hincks B	Closed
---------------	---------	----------------	-------------------	--------	----------	--------

SB 155 Excel in CTE

60203 003 F2F	--W----	12:00-02:45 PM	06/14/17-07/12/17	RC 374	Hincks B	Closed
---------------	---------	----------------	-------------------	--------	----------	--------

SB 155 Excel in CTE

60204 350 ONLNE	-----	-	06/12/17-07/10/17	Online	Epp R	Closed
-----------------	-------	---	-------------------	--------	-------	--------

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

SB 155 Excel in CTE

CDTP 140 - Desktop Publishing I: InDesign

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

Credit Hours: 1

Associated Costs: \$15 to 90

Outline (http://catalog.jccc.edu/coursedescriptions/cdtp/#CDTP_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60205 001 F2F	M-----	06:00-08:45 PM	06/12/17-07/10/17	RC 374	Powers S	Closed
60206 002 F2F	-T-----	08:00-10:45 AM	06/13/17-07/18/17	RC 374	Hincks B	Closed

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
60207 001 F2F	M-----	08:00-10:45 AM	06/12/17-07/10/17	RC 374	Hincks B	Closed
60208 002 F2F	-T-----	12:00-02:45 PM	06/13/17-07/18/17	RC 374	Hincks B	Closed

SB 155 Excel in CTE

SB 155 Excel in CTE

Civil Engineering Technology

CET 160 - Green Building Fundamentals

This course introduces the student to sustainable design and green building practices used in the construction industry. The goal of the course is to improve the energy and environmental performance of buildings through a better understanding of standard practices used by industry professionals, as well as, to provide students preparation for the Leadership in Energy and Environmental Design (LEED) Professional Accreditation Exam. Course content will focus on sustainable practices as prescribed in the LEED Green Building Rating System. 3 hrs. lecture/wk. This course is typically offered in the fall semester.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60466 001 F2F	M-W----	09:00-12:00 PM	06/05/17-07/26/17	GP 101	Kannenberg G	Closed

SB 155 Excel in CTE

CET 271 - Construction Management Internship I

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

Credit Hours: 3

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/cet/#CET_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60935 500 INT	-----	-	06/05/17-07/27/17		Dye R	Full

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
60325 380 HYB	-----	-	06/12/17-07/27/17	Online	Clark M	Closed
	-T-R---	12:00-02:00 PM	06/13/17-07/27/17	CLB 405		

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
60326 350 ONLINE	-----	-	06/05/17-07/27/17	Online	Clark M	Closed
	Lab -----	-	06/05/17-07/27/17	Online		

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
60328 002 F2F	M-W----	11:00-11:50 AM	06/05/17-07/26/17	SCI 218	Agah A	Closed
	Lab M-W----	12:00-02:50 PM	06/05/17-07/26/17	SCI 215		
	-T-R---	11:00-01:50 PM	06/06/17-07/27/17	SCI 218		
60329 003 F2F	M-W----	06:00-06:50 PM	06/05/17-07/26/17	SCI 216	Scholtz S	Closed
	Lab M-W----	07:00-09:50 PM	06/05/17-07/26/17	SCI 215		
	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	SCI 216		
60330 380 HYB	-----	-	06/05/17-07/27/17	Online	Harvey M	Closed
	Lab -T-R---	06:00-08:50 PM	06/06/17-07/27/17	SCI 215		

Mandatory Classroom Meetings

60327 381 HYB	Lab M-W----	09:00-11:50 AM	06/05/17-07/27/17	SCI 215	Elisabeth E	Closed
	-----	-	06/05/17-07/27/17	Online		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

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
60331 001 F2F	MTWR---	07:00-09:20 AM	06/05/17-07/27/17	SCI 216	Robinson J	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60336)</i>						
60332 002 F2F	MTWR---	09:30-11:50 AM	06/05/17-07/27/17	SCI 216	Robinson J	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60337)</i>						
60333 003 F2F	MTWR---	12:00-02:20 PM	06/05/17-07/27/17	SCI 124	Khvostenko D	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60338)</i>						
60334 050 F2F	M-W----	06:00-09:50 PM	06/05/17-07/26/17	SCI 218	Shah N	Closed
	-T-R---	06:00-06:50 PM	06/06/17-07/27/17	SCI 218		
<i>Co-requisite to enroll in CHEM 125 (CRN 60339)</i>						
60335 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Glass A	Closed
<i>Co-requisite to enroll in CHEM 125 (CRN 60340)</i>						

Note: The corresponding lab will meet on campus. The lecture tests and the final are taken in the JCCC Testing Center.

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.

Note: Students who withdraw from GENERAL CHEMISTRY I LECTURE must also withdraw from the corresponding laboratory GENERAL CHEMISTRY I LABORATORY Students may not withdraw from the laboratory course GENERAL CHEMISTRY I LABORATORY without withdrawing from CHEMISTRY I LECTURE.

Credit Hours: 1

Associated Costs: \$60

Corequisite: CHEM 124 Prerequisite or corequisite: MATH 171 or an appropriate score on a placement test

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60336 001 F2F	Lab -T-R---	09:30-12:20 PM	06/06/17-07/27/17	SCI 211	Price K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Co-requisite to enroll in CHEM 124 (CRN 60331)</i>						
60337 002 F2F	Lab M-W----	12:30-03:20 PM	06/05/17-07/26/17	SCI 211	Watson C	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 60332)</i>						
60338 003 F2F	Lab M-W----	09:00-11:50 AM	06/05/17-07/26/17	SCI 211	Khvostenko D	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 60333)</i>						
60339 050 F2F	Lab -T-R---	07:00-09:50 PM	06/06/17-07/27/17	SCI 211	Shah N	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 60334)</i>						
60340 051 F2F	Lab M-W----	07:00-09:50 PM	06/05/17-07/26/17	SCI 211	Glass A	Closed
<i>Co-requisite to enroll in CHEM 124 (CRN 60335)</i>						

CHEM 131 - General Chemistry II Lecture

Chemistry 131 is the second semester of a two-semester course in general chemistry in which the student will develop a working knowledge of some of the fundamental concepts and quantitative relationships involved in the study of chemical reactivity. Topics include solutions, chemical kinetics, chemical equilibrium, acid-base chemistry, chemical thermodynamics, electrochemistry, and nuclear chemistry. 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
60341 001 F2F	MTWR---	08:00-09:50 AM	06/05/17-07/27/17	GEB 217	Ogdon F	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 60346)</i>						
60342 002 F2F	MTWR---	10:00-11:50 AM	06/05/17-07/27/17	GEB 217	Britt S	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 60347)</i>						
60343 003 F2F	MTWR---	12:30-02:20 PM	06/05/17-07/27/17	GEB 217	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 60348)</i>						
60344 050 F2F	M-W----	06:00-08:50 PM	06/05/17-07/26/17	GEB 217	Weems J	Closed
	-T-R---	06:00-06:50 PM	06/06/17-07/27/17	GEB 217		
<i>Co-requisite to enroll in CHEM 132 (CRN 60349)</i>						
60345 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Franklin P	Closed
<i>Co-requisite to enroll in CHEM 132 (CRN 60350)</i>						

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
60346 001 F2F	Lab -T-R---	10:00-12:50 PM	06/06/17-07/27/17	SCI 213	Ogdon F	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 60341)</i>						
60347 002 F2F	Lab M-W----	12:30-03:20 PM	06/05/17-07/27/17	SCI 213	Maradiaga A	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 60342)</i>						
60348 003 F2F	Lab -T-R---	02:30-05:20 PM	06/06/17-07/27/17	SCI 213	Jacobsen F	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 60343)</i>						
60349 050 F2F	Lab -T-R---	07:00-09:50 PM	06/06/17-07/27/17	SCI 213	Weems J	Closed
<i>Co-requisite to enroll in CHEM 131 (CRN 60344)</i>						
60350 051 F2F	Lab M-----	05:00-07:00 PM	06/05/17-06/05/17	CLB 112A	Franklin P	Closed
	Lab M-W----	05:00-07:50 PM	06/07/17-07/26/17	SCI 213		
<i>Co-requisite to enroll in CHEM 131 (CRN 60345)</i>						

CHEM 220 - Organic Chemistry I

Organic Chemistry I is an introduction to the theories and principles of the chemistry carbon compounds. The student will develop an understanding of organic chemistry, which will be useful in the studies of chemistry and related fields such as medicine, engineering and pharmacy. The laboratory is supportive in nature, with a strong emphasis on developing laboratory techniques. Representative compounds will be prepared and used to introduce the student to instrumental analysis. 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
60351 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	SCI 124	Watson C	Closed
	Lab MTWR---	09:30-12:20 PM	06/05/17-07/27/17	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
60352 001 F2F	MTWR---	08:00-09:50 AM	06/05/17-07/27/17	CLB 316	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
60703 001 F2F	M-W----	06:00-08:50 PM	06/05/17-07/26/17	RC 378	Pihl C	Closed
60704 350 ONLNE	-----	-	06/05/17-07/27/17	Online	McElravy M	Closed
60705 351 ONLNE	-----	-	06/05/17-07/27/17	Online	McElravy M	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60706 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Marrs D	Closed
60707 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Baburajan R	Closed
60708 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Jarvis B	Closed

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60865 500 INT	-----	-	06/05/17-07/27/17		Van Gorp M	4 of 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60071 204 F2F	MTW----	05:30-09:30 PM	06/05/17-07/27/17	 WPK 180	Geer K Hayden D Vasquez J Pfliegier K	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
60072 205 F2F	----S-	09:00-01:00 PM	06/05/17-07/27/17	 WPK 131	Goebel M Rodriguez C Dye K Geer K Vasquez J	Closed
	---R---	05:30-09:30 PM	06/05/17-07/27/17	 WPK 131		

SB 155 Excel in CTE

CO 109 - Nail Technology

This course provides skill instruction in determining nail disorders and care as well as the artistic application of tips, overlays and sculptured nails. Upon successful completion, students are prepared to take the Kansas State Board of Cosmetology Manicurist examination. This class meets for 130 Lecture hours, 60 Lab hours and 160 Clinic hours to meet the 350 contact hours required by the Kansas Board of Cosmetology. For enrollment information, call 913-469-8500, ext. 2390.

Credit Hours: 16

Associated Costs: \$50 to \$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

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60069 209 F2F	MTWRF--	08:00-05:00 PM	06/05/17-06/30/17	 WPK 108	Goebel M Rodriguez C Geer K	Closed
	M-----	08:00-05:00 PM	07/03/17-08/13/17	 WPK 108		
	-TWRF--	08:00-05:00 PM	07/04/17-08/13/17	 WPK 101		

SB 155 Excel in CTE










CO 114 - Cosmetology Business

In this course, students will explore how to begin the process of owning a salon. Coursework is focused on industry networking, professional goal setting, the components of salon ownership, writing a business plan, resume and interviewing skills, salon retailing, and a refresher for state laws and regulations. This course propels students further into the professional salon environment. Students are instructed to practice and perfect their skills in a salon setting, performing all cosmetology services for clients and models, as well as scheduling appointments and practicing salon management. A successful student will have acquired basic skills to fill a position in the field of cosmetology. Total 220 contact hours. For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 7

Prerequisite: CO 110 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/co/#CO_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60057 214 F2F	---RF--	08:00-05:00 PM	06/12/17-07/27/17	 WPK 177	Goebel M Geer K Hinojosa M Hayden D	Closed
	--W----	08:00-12:00 PM	06/12/17-07/27/17	 WPK 101		
	MT-----	08:00-05:00 PM	06/12/17-07/27/17	 WPK 101		
	--W----	01:00-05:00 PM	06/12/17-07/27/17	 WPK 177		
<i>SB 155 Excel in CTE</i>						
60066 215 F2F	---F--	08:00-05:00 PM	06/12/17-07/27/17	 WPK 101	Goebel M Geer K Hinojosa M Hayden D	Closed
	--W----	08:00-12:00 PM	06/12/17-07/27/17	 WPK 177		
	MT-----	08:00-05:00 PM	06/12/17-07/27/17	 WPK 177		
	---R---	11:00-08:00 PM	06/12/17-07/27/17	 WPK 101		
	--W----	01:00-05:00 PM	06/12/17-07/27/17	 WPK 101		

SB 155 Excel in CTE

Computer Personal Computer App

CPCA 105 - Introduction to Personal Computers: Windows

This introductory course is designed to give the beginning computer user an overview of the personal computer. The student will gain confidence in basic computing skills and concepts through a hands-on approach. Topics include an introduction to computer terminology, hardware, system software, application software, e-mail, and the Internet. 1 hr. lecture /wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60793 350 ONLNE	-----	-	06/08/17-07/06/17	Online	Mahring B	Closed
60796 351 ONLNE	-----	-	06/08/17-07/06/17	Online	Mahring B	Closed
60921 376 HYB	M-----	11:00-01:45 PM	06/05/17-07/03/17	RC 355	Mahring B	Closed
	-----	-	06/05/17-07/03/17	Online		

Mandatory Classroom Meetings

CPCA 106 - Introduction to Personal Computers: Macintosh

This introductory course is designed to give the beginning computer user an overview of the Macintosh personal computer. The student will gain confidence in basic computer skills and concepts through a hands-on approach while becoming familiar with a Macintosh computer and its primary uses. Topics include computer software, hardware and terminology; as well as an introduction to the Macintosh operating system, word processing, drawing, spreadsheets and database management. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/cpca/#CPCA_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60801 350 ONLNE	-----	-	06/08/17-07/06/17	Online	Mahring B	Closed

CPCA 108 - Word Processing I: MS Word

This course provides an introduction to the concepts and real-world applications of microcomputer word processing software. Foundational word processing competencies, including creating, saving, printing and editing word processing files; searching and replacing text; creating headers and footers; inserting and resizing graphic images; setting up tables; creating and applying styles, and creating mail merge letters, will be covered. Students will also create multiple-page reports and incorporate desktop publishing concepts and features. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60804 350 ONLNE	-----	-	06/08/17-06/22/17	Online	Mahring B	Closed

Microsoft Word Office 2016

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 Calendar, Google Talk, Google Docs, Google Sites and Google Start Page. Hands-on, practical projects will be performed to reinforce the concepts taught. 1hr. lecture/wk.

Credit Hours: 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60805 350 ONLNE	-----	-	06/08/17-07/06/17	Online	Mahring B	Closed

CPCA 110 - Spreadsheets I: MS Excel

Students will learn concepts and uses of 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

Associated Costs: \$10 to 20

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60806 350 ONLNE	-----	-	06/08/17-07/06/17	Online	Smith C	Closed

Microsoft Excel Office 2016

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
60808 350 ONLNE	-----	-	06/07/17-07/05/17	Online	Friedrichsen L	Closed

SB 155 Excel in CTE

Microsoft Access Office 2016

CPCA 123 - E-Presentation: MS PowerPoint

Upon completion of this course, students should be able to organize and produce an effective on-computer or slide-generated presentation, complete with printed speaker notes and handouts plus overhead transparencies, using the basic features of a presentation graphics program. Students will use master pages, template files, text formatting, color schemes, various drawing tools, the automated outline feature and animation dissolve sequence and incorporate photographs. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 105 or CPCA 106 or CIS 124 or CPCA 128 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
60809 350 ONLNE	-----	-	07/06/17-07/20/17	Online	Smith C	Closed
Microsoft PowerPoint Office 2016						

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
60813 350 ONLNE	-----	-	06/07/17-07/27/17	Online	Smith C	Closed
Microsoft Office 2016						
60814 351 ONLNE	-----	-	06/07/17-07/27/17	Online	Kosko J	Closed
Microsoft Office 2016						
60917 376 HYB	-T-R---	11:00-01:45 PM	06/06/17-07/27/17	RC 355	Jarvis B	Closed
	-----	-	06/06/17-07/27/17	Online		
Mandatory Classroom Meetings						
Microsoft Office 2016						

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60815 350 ONLNE	-----	-	06/07/17-07/05/17	Online	Kosko J	Closed

Computer Science

CS 134 - Programming Fundamentals

In this introductory course, students will create interactive computer applications that perform tasks and solve problems. Students will design, develop and test object-oriented programs that utilize fundamental logic, problem-solving techniques and key programming concepts. 3 hrs. lecture, 2 hrs. open lab /wk.

Credit Hours: 4

[Outline \(http://catalog.jccc.edu/coursedescriptions/cs/#CS_134\)](http://catalog.jccc.edu/coursedescriptions/cs/#CS_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60709 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
60710 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Hansen S	Closed
<i>SB 155 Excel in CTE</i>						
60711 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Hansen S	Closed
<i>SB 155 Excel in CTE</i>						
60712 376 HYB	M-W----	02:00-04:50 PM	06/05/17-07/26/17	RC 380	Damico B	Closed
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
60713 377 HYB	M-W----	06:00-08:50 PM	06/05/17-07/26/17	RC 347	Damico B	Closed
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
60714 378 HYB	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	RC 380	Morris R	Closed
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						
<i>Mandatory Classroom Meetings</i>						

CS 200 - Concepts of Programming Algorithms Using C++

This course emphasizes problem solving using a high level programming language and the software development process. Algorithm design and development, programming style, documentation, testing and debugging will be presented. Standard algorithms and data structures will be introduced. Data abstraction and an introduction to object-oriented programming will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

Credit Hours: 4

Prerequisite: CS 134 (with a grade of "B" or higher) or CIS 142 (with a grade of "B" or higher) or CS 201 or CS 205 or MATH 241 or an appropriate score on department waiver test or department approval for prior work-related experience.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60715 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Chen I	Closed
<i>SB 155 Excel in CTE</i>						
60716 376 HYB	M-W----	06:00-08:50 PM	06/05/17-07/26/17	RC 380	Morris R	Closed
	-----	-	06/05/17-07/26/17	Online		
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

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
60233 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Tripe J	Closed
60234 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Collier R	Closed
60235 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Collier R	Closed

Drafting/CAD/AutoCAD

DRAF 143 - Introduction to BIM Building Information Modeling

This course introduces students to the concepts and usage of BIM: Building Information Modeling in the building construction field. Students will use Building Information Modeling software to interact with a virtual building model. Upon successful completion of this course, students will manipulate the software interface to model, interpret, access data, and view the building model. The student will use the software to model and access plan views, elevations, sections, 3-D views, structural elements, schedules and support files found in a 3-D building model. The REVIT software package is currently used. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: DRAF 129

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60435 001 F2F	--W----	06:00-09:30 PM	06/07/17-07/26/17	ITC 126	Burton S	Closed

SB 155 Excel in CTE

Note: All sections of DRAF 143 will use REVIT 2016 for the completion of lab assignments. The prerequisite of DRAF 129, Interpreting Architectural Drawing, can be waived for those with experience. Students with questions should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901

DRAF 152 - 3D Modeling with SketchUp

The course will teach how to model (draft in 3D) with SketchUp, a popular software program. Students will learn how to sketch their ideas for prototypes, floor plans and buildings, embellish a drawing for presentation purposes, make animations of their model, export the model into different file formats and 3D print the model. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_152\)](http://catalog.jccc.edu/coursedescriptions/draf/#DRAF_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60436 001 F2F	M-W----	01:30-05:00 PM	06/19/17-07/19/17	ITC 126	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

English for Academic Purposes

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60109 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CC 316	Gray 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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60851 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	RC 342	Ellouz H	Closed

EAP 111 - Writing and Grammar III

This English for Academic Purposes course provides non-native English-speaking students an integrated communicative experience at the high-intermediate level. Students will focus on developing fluency in writing using American English at the paragraph and multiparagraph level along with grammatical structures to support writing. This course does not fulfill degree requirements. This course is the third writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EAP 103 or appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60125 002 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	RC 342	Ellouz H	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
60127 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 317	Steel S	Closed
60128 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Milkowart H	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
60134 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 229	Gunbatar V	Closed
60911 003 F2F	M-W----	06:00-08:30 PM	06/05/17-07/27/17	CC 229	Kastendick R	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
60138 002 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 229	Gunbatar V	Closed
60137 004 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	CC 316	Gray A	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
60852 002 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 329	Crum D	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
60850 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	RC 342	Ellouz H	Closed
60140 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Nguyen E	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
60078 001 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	OCB 246	Karscig M	Closed
60080 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Syracuse F	Closed
60081 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Young B	Closed
60923 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Syracuse F	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
60082 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	OCB 246	Brogna A	Closed
60083 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	OCB 246	Syracuse F	Closed
60084 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	OCB 248	Karscig M	Closed
60085 004 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	OCB 246	Okao A	Closed
60086 005 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	OCB 248	Ashworth S	Closed
60087 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Copeland D	Closed
60088 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Copeland D	Closed
60089 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Hadley S	Closed
60090 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Clark L	Closed
60091 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Clark L	Closed
60092 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Young B	Closed
60093 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Young B	Closed
60924 357 ONLNE	-----	-	06/05/17-07/27/17	Online	Hadley S	Closed

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

Associated Costs: \$50

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60094 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	OCB 248	Brogna A	Closed
60095 002 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	OCB 246	Syracuse F	Closed
60096 003 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	OCB 246	Okao A	Closed
60097 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hadley S	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60098 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Hadley S	Closed
60099 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Copeland D	Closed
60100 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Karscig M	Closed
60101 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Clark L	Closed
60102 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Brogna A	Closed
60925 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Copeland D	Closed

Education and Early Childhood

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
60570 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Hurst D	Closed

SB 155 Excel in CTE

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
60571 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Salvato M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60572 352 ONLINE	-----	-	06/05/17-07/27/17	Online	Salvato M	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
60573 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Hurst D	Closed

Electronics

ELEC 127 - Robots for Humans

This course is a general introduction to the rapidly growing field of robotics. The class will use lectures, demonstrations and lab work to teach the basics of robotics. This course is designed to assist new users in making use of this technology in their own lives and as an introduction for students wanting to proceed further into the field. 3 hrs lecture, 2 hrs open lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/coursedescriptions/elec/#ELEC_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60776 001 F2F	-T-R---	10:00-12:50 PM	06/06/17-07/27/17	ITC 189	Cody P	Closed
	Lab -----	-	06/06/17-07/27/17	ITC 189		

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
-----	------	------	------	----------	------------	------------

60777 001 F2F	MTWR---	06:00-06:50 PM	06/05/17-07/27/17	ITC 189	Pitts R	Closed
	Lab MTWR---	07:00-08:20 PM	06/05/17-07/27/17	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: 3

Prerequisite: Department approval

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60929 503 INT	-----	-	06/05/17-07/27/17		Cody P	Full

SB 155 Excel in CTE

Requirement: Department 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
60839 001 F2F	---R---	06:00-10:00 PM	06/08/17-07/06/17	SCI 101L	Allen D	Closed
	---R---	06:00-10:00 PM	06/08/17-07/06/17	SCI 101M		
	---R---	06:00-10:00 PM	06/08/17-07/06/17	SCI 101N		

Accelerating Opportunity KS

60841 002 F2F	--W----	06:00-10:00 PM	06/21/17-07/19/17	SCI 212	Allen D	Closed
----------------------	---------	----------------	-------------------	---------	---------	---------------

Accelerating Opportunity KS

EMS 128 - EMS First Responder

This course is designed to provide training in emergency medical care for those who are apt to be the first persons responding to an emergency incident. Fire, police, civil defense personnel, school bus drivers, day-care providers, utility workers and industrial workers are a few examples of those persons who would benefit from this training. The student will receive both didactic and psychomotor skills training in CPR, patient assessment, fracture management, airway management and trauma management. Successful completion of this course with a minimum grade of "C" will enable the student to sit for the First Responder certification exam administered by the Kansas Board of Emergency Medical Services. The First Responder course meets the standards for Emergency Medical Responder (EMR) training and testing. 6 hrs. lecture, 6.5 hrs. lab/wk. for 8 wks. (average).

Note: EMS 128 may meet two or more Saturdays, dates and times TBA. The First Responder course meets the standards for Emergency Medical Responder (EMR) training and testing.

Credit Hours: 5

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60843 001 F2F	-T-R---	01:00-05:30 PM	06/06/17-07/27/17	SCI 118	Biggs S	Closed
	-----	-	06/06/17-07/27/17	Online		
<i>SB 155 Excel in CTE</i>						
60845 002 F2F	MTW----	06:00-09:30 PM	06/05/17-07/26/17	SCI 101L	Robinson J Ratliff W	Closed
	MTW----	06:00-09:30 PM	06/05/17-07/26/17	SCI 101M		
	MTW----	06:00-09:30 PM	06/05/17-07/26/17	SCI 101N		

SB 155 Excel in CTE

EMS 133 - Emergency Medical Technician Practicum

EMT Practicum is designed to give the newly certified EMT-B the additional skills and confidence needed to successfully compete for a position as an EMT-B with an EMS service. Skills will include ambulance operation, driving, map reading, insurance billing and unit maintenance. This course will also provide high-fidelity scenario training in all aspects of the EMS call as well as extensive field lab time with a local EMS service. Students will participate in realistic medical emergency scenarios with "actors" playing life-like patients and bystanders as well as numerous field internship shifts on a licensed ambulance. Students will work through all phases of an ambulance call. They will be presented with complex patient care situations that require the development of critical thinking and decision-making skills. Students will be tested on their ability to lead a team of pre-hospital caregivers in the diagnosis, proper treatment and evacuation of a patient. Scenario simulations will be set up to be as lifelike as possible. 2 hrs. lecture, 10 hrs. lab/wk. This course is only offered in the summer.

Credit Hours: 3

Prerequisites: EMS 131 or equivalent and a copy of current EMT-B card

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_133)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60846 001 F2F	MT-----	09:00-12:00 PM	06/05/17-08/22/17	SCI 101N	Biggs S Craig S	Closed

SB 155 Excel in CTE

EMS 140 - Basic Cardiology and EKG Recognition

The health care worker with an understanding of ECG tracing will function more effectively when providing care for the cardiac patient. Increasing numbers of professionals are being called upon to utilize ECG tracing in their work settings, but without adequate knowledge of its use. This course will serve as both continuing education and the preparation for the job entry and/or job advancement. During the course, students will learn to apply monitoring and 12-lead electrodes, diagnose ECG dysrhythmias and infarct locations, treat ECG dysrhythmias, and defibrillate ventricular fibrillation. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Prospective students should be certified in a health profession, i.e., EMT, RN, LPN, EMT-P.

Outline (http://catalog.jccc.edu/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60844 001 F2F	-T-R---	06:00-09:00 PM	06/05/17-07/26/17	SCI 118	Garcia A	Closed

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)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60847 001 F2F	MTWRF--	09:00-04:30 PM	05/22/17-08/25/17	SCI 101L	Wnek S	Closed
	MTWRF--	09:00-04:30 PM	05/22/17-08/25/17	SCI 101M		
	MTWRF--	09:00-04:30 PM	05/22/17-08/25/17	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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60400 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	LIB 353B	Lillich S	Closed
60946 960 IND	-----	-	06/05/17-07/27/17		Hodgkin J	Full

This section's title is **Independent Study: Writing Strategies**.

Requirement: Department approval

ENGL 103 - Practical Writing Skills

At the completion of this course, the student should be able to recognize and write complete sentences. The student will write a variety of sentences using strategies for building sentences with phrases and clauses as well as editing sentences through coordination and subordination. The student will then practice developing paragraphs in various organizational modes. Along with writing the student will read selected prose and write responses to these readings. The course is designed specifically to aid non-native speaking students in acquiring writing skills through individualized instruction. The aim of this course is to enhance/supplement the English as a Second Language program already offered at JCCC. Also, because hearing-impaired students have similar difficulties with the English language as ESL students, this course addresses the challenges often faced by this student population. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_103\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60011 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	49 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60531 003 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	LIB 353B	Lillich S	Closed
60402 005 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 215	Biondo A	Closed
60403 010 F2F	M-W----	06:00-08:30 PM	06/05/17-07/27/17	LIB 359	Anderson K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60404 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Davis D	Closed
60405 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Kennard D	Closed

ENGL 107 - Sentence Pattern Skills

At the completion of this course, the student should be able to identify the parts of speech, elements of a sentence and basic sentence patterns. Emphasis is on sentence combining and sentence composing. Students are told that grammar in isolation will not improve writing skills, and they are encouraged to practice writing. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/eng/#ENGL_107)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60012 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 108 - Composing Skills

After completing Composing Skills, students will be able to choose a topic, narrow the topic, and organize and develop with supporting evidence a variety of paragraph modes. The student will be able to achieve paragraph unity, coherence and emphasis. Also, the student will learn revision and editing strategies. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/eng/#ENGL_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60013 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 109 - Proofreading Skills

This 1-credit module 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. This course focuses on the major and minor errors as set forth in the English program objectives (available in the Writing Center). Students will learn to recognize and correct these errors, not only on exercise sheets, but also in their own writing. This class meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_109\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60014 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	48 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 110 - English Grammar Review

English Grammar Review helps students to review the parts of speech, elements of a sentence, basic sentence patterns, major sentence level errors, agreement errors and punctuation. Students are encouraged to practice writing. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_110\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60015 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	47 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 112 - Research Skills

Research Skills is a review of the various aspects of the research process, beginning with limiting the subject and moving to revising the finished product. Emphasis is on the gathering of resource materials, synthesizing the information and developing an essay in which the resource information is used to support a thesis and is documented in an approved academic form. This course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_112\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60016 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 115 - Revision Skills

Revision Skills is designed to instruct the practicing writer in skills needed to revise all writing, including business, college and personal writing. Students will use computer programs and self-paced materials. Revision Skills is intended to complement courses in which writing is assigned. Students will be encouraged to bring in business communication or college assignments to apply the learned skills. Course meets by arrangement in the Writing Center. After registering for this course, the student should contact the Writing Center. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_115\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60017 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

ENGL 120 - Writing in the Disciplines

This course is designed to complement and/or support classes in which writing is intrinsic to the curriculum and provide students with a process that can be applied to the variety of written assignments typically assigned in classes other than composition. Students will practice writing a variety of short papers using a prescribed process for each assignment. The course is individualized. Students enrolled in this class must come to the Writing Center, LIB 308, to make arrangements for their class schedule, to pick up a syllabus and other materials, and to be assigned an instructor. The course is a combination of written material and software. All completed work will be kept in a folder in the Writing Center. 1 hr. lecture/wk. Students should anticipate approximately 20 hours of work to complete the course.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_120\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60018 960 IND	-----	-	06/05/17-07/27/17	LIB 308	Byrne K	50 of 50

Writing Center Course

Note: If enrolling on June 5 or later, you must contact the Writing Center at (913) 469-8500, ext. 3439 for a late registration waiver. Last day to enroll is June 8th, if enrolling in three Writing Center modules, June 22nd, if enrolling in two and July 6th, if enrolling in one. Contact the Writing Center for more information or to schedule your class.

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. Some sections of this course are tailored to meet the needs of specific student populations, such as veterans or Honors students, or students in specific programs, such as Hospitality or Technology. 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 \(http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121\)](http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60406 002 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	ATB 132	Boyer J	Closed
<i>Accelerating Opportunity KS</i>						
60407 003 F2F	MTWR---	08:00-10:30 AM	07/03/17-07/27/17	GEB 242	Schaff P	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
60408 004 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CC 215	Schmeer M	Closed
<i>Accelerating Opportunity KS</i>						
60409 007 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	LIB 352	Carpenter W	Closed
<i>Accelerating Opportunity KS</i>						
60410 008 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	ATB 132	Boyer J	Closed
<i>Accelerating Opportunity KS</i>						
60411 009 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 316	Pace A	Closed
<i>Accelerating Opportunity KS</i>						
60412 010 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 122	Bennett S	Closed
<i>Accelerating Opportunity KS</i>						
60413 012 F2F	MTWR---	10:45-01:15 PM	06/05/17-06/29/17	ATB 134	Jackson M	Closed
<i>Accelerating Opportunity KS</i>						
60414 013 F2F	MTWR---	10:45-01:15 PM	07/03/17-07/27/17	GEB 242	Schaff P	Closed
<i>Accelerating Opportunity KS</i>						
60415 016 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 122	Bennett S	Closed
<i>Accelerating Opportunity KS</i>						
60416 017 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	LIB 359	Devictor C	Closed
<i>Accelerating Opportunity KS</i>						
60417 020 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	LIB 359	Devictor C	Closed
<i>Accelerating Opportunity KS</i>						
60418 025 F2F	M-W----	06:00-08:30 PM	06/05/17-07/27/17	ATB 132	Longfellow B	Closed
<i>Accelerating Opportunity KS</i>						
60419 026 F2F	MTWR---	06:00-08:30 PM	06/05/17-07/27/17	CC 122	Way H	Closed
<i>Accelerating Opportunity KS</i>						
60420 030 F2F	-T-R---	04:00-06:30 PM	06/06/17-07/27/17	LIB 353B	Lillich S	Closed
<i>Accelerating Opportunity KS</i>						
60421 032 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 215	Chapman C	Closed
<i>Accelerating Opportunity KS</i>						
60422 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Cooper J	Closed
<i>Accelerating Opportunity KS</i>						
60423 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Heflin R	Closed
<i>Accelerating Opportunity KS</i>						
60424 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Chapman C	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
60425 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Davis D	Closed
<i>Accelerating Opportunity KS</i>						
60426 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Hodgkin J	Closed
<i>Accelerating Opportunity KS</i>						
60427 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Paldino L	Closed
<i>Accelerating Opportunity KS</i>						
60428 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i>						
60429 357 ONLNE	-----	-	06/05/17-07/27/17	Online	Petrillo S	Closed
<i>Accelerating Opportunity KS</i>						
60430 358 ONLNE	-----	-	06/05/17-07/27/17	Online	Bell S	Closed
<i>Accelerating Opportunity KS</i>						
60431 359 ONLNE	-----	-	06/05/17-07/27/17	Online	Gulley B	Closed
<i>Accelerating Opportunity KS</i>						
60432 360 ONLNE	-----	-	06/05/17-07/27/17	Online	Gulley B	Closed
<i>Accelerating Opportunity KS</i>						
60433 361 ONLNE	-----	-	06/05/17-07/27/17	Online	Hart N	Closed
<i>Accelerating Opportunity KS</i>						
60537 362 ONLNE	-----	-	06/05/17-07/27/17	Online	Ganguly Puckett S	Closed
<i>Accelerating Opportunity KS</i>						
60434 426 SEL	-----	-	06/05/17-06/30/18	Self Paced	Fitzpatrick M	Full
<i>Accelerating Opportunity KS</i>						
Note: Enrollment for ENGL 121-426 starts on April 1 and ends on June 30, 2017. For more information and permission to enroll in this self-paced class, please Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@jccc.edu.						
Requirement: Department approval						

ENGL 122 - Composition II

Composition II focuses on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information from a variety of academic and non-academic sources. Because writing is integral to college coursework and the workplace, this course emphasizes the rhetorical skills needed to understand and produce complex compositions in a variety of forms, which may include essays, presentations, reports, social media posts and other digital forms of communication. Composition II emphasizes the deep revision needed to compose expository, evaluative and persuasive prose. Some sections of this course are tailored to meet the needs of specific student populations, such as veterans or Honors students, or students in specific programs, such as Hospitality or Technology. By the end of the semester, students should have completed at least 25 pages (approximately 6,250 words) of revised and edited prose. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_122)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60440 003 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CC 329	Luthi G	Closed
60441 004 F2F	MTWR---	08:00-10:30 AM	06/05/17-07/02/17	LIB 357	Rollins T	Closed
60442 006 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	OCB 142	Davis M	Closed
60443 007 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 329	Luthi G	Closed
60446 012 F2F	MTWR---	10:45-01:15 PM	07/03/17-07/27/17	ATB 134	Jackson M	Closed
60447 015 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	OCB 142	Davis M	Closed
60448 016 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 324	Brunner L	Closed
60449 020 F2F	MTWR---	02:00-03:15 PM	06/05/17-07/27/17	CC 324	Brunner L	Closed
60450 025 F2F	M-W----	04:00-06:30 PM	06/05/17-07/27/17	CC 329	Small J	Closed
60534 034 F2F	-T-R---	08:00-10:30 AM	06/06/17-07/27/17	LIB 359	Fitzpatrick M	Closed
60452 035 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	LIB 357	Skidmore P	Closed
60454 350 ONLNE	-----	-	06/05/17-07/27/17	Online	McWard J	Closed
60455 351 ONLNE	-----	-	06/05/17-07/27/17	Online	McWard J	Closed
60456 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Pace A	Closed
60457 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Browning M	Closed
60458 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Browning M	Closed
60459 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Knight E	Closed
60460 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Knight E	Closed
60461 357 ONLNE	-----	-	06/05/17-07/27/17	Online	Kern S	Closed
60462 358 ONLNE	-----	-	06/05/17-07/27/17	Online	Kern S	Closed
60463 359 ONLNE	-----	-	06/05/17-07/27/17	Online	Davis D	Closed
60464 360 ONLNE	-----	-	06/05/17-07/27/17	Online	Cooper J	Closed
60465 361 ONLNE	-----	-	06/05/17-07/27/17	Online	Bell S	Closed
60467 362 ONLNE	-----	-	06/05/17-07/27/17	Online	Workman C	Closed
60468 363 ONLNE	-----	-	06/05/17-07/27/17	Online	Workman C	Closed
60469 364 ONLNE	-----	-	06/05/17-07/27/17	Online	Kennard D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60530 365 ONLNE	-----	-	06/05/17-07/27/17	Online	Davis D	Closed
60944 366 ONLNE	-----	-	06/05/17-07/27/17	Online	Paldino L	Closed
60470 426 SEL	-----	-	06/05/17-06/30/18	Self Paced	Ganguly Puckett S	Full

Note: Enrollment for ENGL 122-426 starts April 1 and ends June 30, 2017. 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 provides a basic knowledge of technical writing. Students will learn the writing process (prewriting, writing and rewriting) to follow when constructing correspondence, including memos, letters, e-mail, reports, instructional manuals and Web pages. Students also will learn seven key traits of effective technical writing: clarity, conciseness, document design, organization, audience recognition, audience involvement and accuracy. Accuracy specifically entails the need for students to adhere to rules of grammar and mechanics. Students will learn how to create computer-generated graphics and learn word processing skills. Finally, the students will learn how to work in teams, modeling Total Quality Management skills. 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
60478 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Fitzpatrick M	Closed
60479 351 ONLNE	-----	-	06/05/17-07/27/17	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
60482 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 324	Small J	Closed
60486 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hogan Adams M	Closed
60488 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Funari A	Closed
60491 426 SEL	-----	-	06/05/17-06/30/18	Self Paced	Ganguly Puckett S	Full

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

Note: Enrollment for ENGL 130-426 starts on April 1 and ends June 30, 2017. For more information and permission to enroll in this self-paced class, please Prof. Ganguly-Puckett at 913 469-8500, ext. 4576 or e-mail her at sganguly@jccc.edu.

Requirement: Department approval

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
60494 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hogan Adams M	Closed

ENGL 222 - Advanced Composition

This course offers challenging insights into the act of writing. We will move beyond Composition I and Composition II, focusing on writing persuasively to a select audience; working together to anticipate and defuse objections; supply convincing evidence; synthesize the ideas of others to support our ends; look critically at all sources; and perfect a mature, polished style that is suitable to audience and occasion. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_222)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60495 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Bell S	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: \$10 to 20

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60535 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 314	Alexander D	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
60498 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	ATB 133	Ness W	Closed
60500 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Davis D	Closed

ENGL 232 - Children's Literature

Children's Literature is meant for all students interested in bringing children and books together but is especially suited for those who are students with English or education majors; teachers already in the elementary school classroom; parents; those working with children in preschools, day-care centers and libraries; and grandparents and prospective parents. The course would also benefit those exploring the field of writing and illustrating for children. Students will identify children's needs and interests, list the criteria for choosing books for children, and demonstrate the means by which we can bring children and books together. Students will read, examine and critique a variety of children's literature selected by author, genre and historical time period. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 50

Prerequisite: ENGL 122

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60503 002 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 242	McLeod D	Closed

ENGL 236 - British Literature I

In this survey course, the student will study British literature written up to 1800, ranging from the Anglo-Saxon to the Augustan eras, including works by major authors such as Chaucer, Shakespeare, Milton and Swift. The course will emphasize the relationships among influential writers, their lives and times. Additionally, the student will explore the literary differences between the British culture and one other culture that was governed by the British Empire. Such non-British literary works may be from Australia, India, Asia, various regions of Africa or the Middle East. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/coursedescriptions/engl/#ENGL_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60504 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Funari A	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
60536 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 314	Alexander D	Closed

Engineering

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
60785 001 F2F	-T-R---	04:00-06:30 PM	06/06/17-07/27/17	ITC 188	Cody P	Closed

Note: Students who have completed the prerequisites at another college should contact Susan Johnson susanj@jccc.edu before attempting to enroll in this course. Please include your student ID number in the email

Entrepreneurship

ENTR 210 - Entrepreneurship Internship I

Upon the successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. A minimum of 240 hours of on-the-job training is required. This course is required for an associate of science degree in business entrepreneurship. Either ENTR 210 or BUSE 210, Entrepreneurship Internship I, or ENTR 215 or BUSE 215, Entrepreneurship Internship II, is required for a vocational certificate in business entrepreneurship.

Credit Hours: 1

Prerequisite: department approval

Outline (http://catalog.jccc.edu/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60121 500 INT	-----	-	06/05/17-07/27/17		Duffey D	18 of 20

Requirement: Department approval

Fashion Merchandising/Design

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
60074 001 F2F	-T-R---	11:00-04:45 PM	06/06/17-07/27/17	OCB 343A	Delaney G	Closed

SB 155 Excel in CTE

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
60075 001 F2F	M-W----	09:00-02:45 PM	06/05/17-07/26/17	OCB 343A	Hillen D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

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
60076 001 F2F	-T-R---	09:00-02:45 PM	06/06/17-07/27/17	GEB 354	Lapping 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
60077 001 F2F	M-W----	09:00-02:45 PM	06/05/17-07/26/17	OCB 343A	Hillen D	Closed

SB 155 Excel in CTE

FASH 150 - Textiles

Upon successful completion of this course, the student should be able to differentiate fibers and fabrics according to their specific characteristics and to select fibers and fabrics for specific applications. In addition, the student should be able to identify properties and characteristics of natural and man-made fibers, the properties and characteristics of yarns, fabric construction methods including weaving and knitting and various finishing processes including printing and dyeing. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60079 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hillen D	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 \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60113 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Benjamin B	Closed

FASH 283 - Fashion 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 the fashion industry. A minimum of 15 hours on-the-job training/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_283\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60115 500 INT	-----	-	06/05/17-07/27/17		Rhodes J	16 of 20

SB 155 Excel in CTE

FASH 284 - Fashion Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_284\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60116 501 INT	-----	-	06/05/17-07/27/17		Rhodes J	18 of 20

SB 155 Excel in CTE

FASH 285 - Fashion Internship III

Upon successful completion of this course, the student should be able to demonstrate the skills required to advance to an entry-level management position. The student will receive 225 hours of work experience in an approved training situation designed to provide practical experience in the fashion industry. An average of 15 hours on-the-job training is required/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/fash/#FASH_285\)](http://catalog.jccc.edu/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60118 502 INT	-----	-	06/05/17-07/27/17		Rhodes J	19 of 20
<i>SB 155 Excel in CTE</i>						

Foreign Language

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_130\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60792 001 F2F	MTWR---	08:00-10:15 AM	06/05/17-07/27/17	GEB 281	Hillen J	Closed
60794 002 F2F	MTWR---	10:30-12:45 PM	06/05/17-07/27/17	GEB 281	Hillen J	Closed
60795 003 F2F	MTWR---	06:00-08:15 PM	06/05/17-07/27/17	GEB 281	Sommerville A	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_131\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60797 001 F2F	MTWR---	10:30-12:45 PM	06/05/17-07/27/17	CC 338	Gonzalez E	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_140\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60798 001 F2F	MTWR---	10:30-12:45 PM	06/05/17-07/27/17	GEB 381	Perriguet-Keene H	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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_170\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_170)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60800 001 F2F	MTWR---	06:30-08:45 PM	06/05/17-07/27/17	GEB 381	Nadtochiy N	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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_180\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60309 001 F2F	MTW----	08:00-11:05 AM	06/05/17-07/26/17	GEB 215	Kuhns K	Closed

SB 155 Excel in CTE

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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_181\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60315 001 F2F	MTW----	06:00-09:05 PM	06/05/17-07/26/17	GEB 215	Symansky R	Closed

SB 155 Excel in CTE

FL 223 - Conversational German

By applying vocabulary and structures presented in the text and handouts and by applying knowledge gained in a systematic review of German, the successful student will be able to communicate in German in situations that typically arise while traveling in a German-speaking country. Placement test recommended: can be taken at the Testing Center. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: FL 121 or two years of high-school German

[Outline \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_223\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60802 001 F2F	MTWR---	06:00-07:30 PM	06/05/17-06/29/17	CC 314	McDonald T	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 \(http://catalog.jccc.edu/coursedescriptions/fl/#FL_230\)](http://catalog.jccc.edu/coursedescriptions/fl/#FL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60803 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CC 323	Finnie J	Closed
60807 002 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 323	Gonzalez E	Closed

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
60810 001 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	OCB 332	Finnie J	Closed
60811 002 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CC 323	Finnie J	Closed

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
60136 001 F2F	M-----	08:00-12:59 PM	06/05/17-07/24/17	HSC 121	Ryan D	Closed
	-T-----	08:00-02:30 PM	06/06/17-07/25/17	HSC 124		

SB 155 Excel in CTE

Game Development

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
60717 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Lane L	Closed

SB 155 Excel in CTE

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
60718 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Fisher T	Closed

SB 155 Excel in CTE

Graphic Design

GDES 120 - Introduction to Graphic Design

This course is designed to acquaint the student with the various aspects of the graphic design field. Topics include the ways in which visual messages are used in society, the skills needed by a graphic designer and the potential areas of specialization and employment. This class will have guest speakers from the field of graphic design. Emphasis will be on assisting the student to make an informed decision about graphic design as a career. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$40 to 50

Outline (http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60782 001 F2F	-T----	06:00-08:30 PM	06/06/17-07/27/17	LIB 312	Hawkins P	Closed
	---R---	06:00-08:30 PM	06/08/17-07/27/17	GEB 233		
60783 002 F2F	--W----	06:00-08:30 PM	06/07/17-07/27/17	LIB 312	Hawkins P	Closed
	---R---	06:00-08:30 PM	06/08/17-07/27/17	GEB 233		

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 \(http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275\)](http://catalog.jccc.edu/coursedescriptions/gdes/#GDES_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60784 501 INT	-----	-	06/05/17-07/27/17		Wilson N	6 of 8

SB 155 Excel in CTE
Requirement: Department approval

Geoscience

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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_140)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60354 350 ONLNE	-----	-	06/05/17-07/27/17	Online	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 \(http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145\)](http://catalog.jccc.edu/coursedescriptions/geos/#GEOS_145)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60355 001 F2F	-T-R---	01:00-03:50 PM	06/06/17-07/27/17	CLB 412	Meledge-Ade V	Closed
60357 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Anderson C	Closed
60358 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Roberts C	Closed
60356 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Meledge-Ade V	Closed


Health Care

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 \(http://catalog.jccc.edu/coursedescriptions/hc/#HC_130\)](http://catalog.jccc.edu/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60836 376 HYB	-T-----	06:00-08:30 PM	06/06/17-07/25/17	CC 324	Kono S	Closed
	-----	-	06/06/17-07/25/17	Online		
<i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>						
60837 377 HYB	---R---	06:00-08:30 PM	06/08/17-07/27/17	CC 324	Kono S	Closed
	-----	-	06/08/17-07/27/17	Online		
<i>SB 155 Excel in CTE</i> <i>Mandatory Classroom Meetings</i>						
60838 378 HYB	-T-R---	10:30-12:00 PM	06/06/17-07/25/17	 OHEC 105	Wilson D	Closed
	-----	-	06/06/17-07/25/17	Online		
<i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i>						
60922 379 HYB	M-----	06:00-08:30 PM	06/05/17-07/24/17	CC 312	Kono S	Closed
	-----	-	06/05/17-07/24/17	Online		
<i>SB 155 Excel in CTE</i>						

Health Care Interpreting

HCI 180 - Medical Interpreting Practicum

Students will observe and interpret at assigned medical facilities, participate in organized class discussions about their interpreting experiences and develop a personal philosophy of interpreting. Both classroom meetings and fieldwork are required for this class. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: Selective admissions approval and HC 130 and HCI 130 and HCI 140 Prerequisite or Corequisite: HC 101 (All courses must be completed with a grade of "C" or higher.)

[Outline \(http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180\)](http://catalog.jccc.edu/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60291 500 INT -T----- 04:30-07:30 PM 06/06/17-07/27/17 KUCRC Groneman B 2 of 5

----- - 06/06/17-07/27/17 Online

Mandatory Classroom Meetings

SB 155 Excel in CTE

Note: This class will meet in a classroom located at KU Clinical Research Center, 4350 Shawnee Mission Parkway, Fairway, KS 66205. Contact Brooke Groneman for more information at bgronema@jccc.edu.

Requirement: Department approval

Health Care Info Systems

HCIS 230 - Introduction to Health Information Systems

This course provides an overview of the major concepts of health information systems for individuals with backgrounds in information technology (IT) or healthcare who are considering a transition into health information systems. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60816 350 ONLNE	-----	-	06/05/17-07/03/17	Online	Groopman E	Closed

SB 155 Excel in CTE

Note: This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

HCIS 255 - Technology Concepts in Healthcare

This course provides a basic overview of computing concepts related to the healthcare sector. Topics include computing terminology, computer architecture, and networking and data communication. The design and development of a large healthcare computing system is discussed, including the electronic health record. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60817 350 ONLNE	-----	-	06/05/17-07/03/17	Online	Brooks L	Closed

SB 155 Excel in CTE

Note: This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

HCIS 272 - Terminology in Health Care Settings

This course introduces students to terminology and clinical procedures associated with body systems. It also covers terminology related to health information management (HIM), health information technology (HIT), and public health. 2 hrs. lecture/wk.

Credit Hours: 2

[Outline \(http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272\)](http://catalog.jccc.edu/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60818 350 ONLINE	-----	-	06/05/17-07/03/17	Online	Foley S	Closed

SB 155 Excel in CTE

Note: This section includes students applying for the accelerated TAACCCT program. For more information, contact HCIS chair Dave Lingerfelt at dlingerf@jccc.edu or ext. 3623 or Joan Curtis at ext. 3685.

History

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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_125)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60538 001 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 279	Roberts M	Closed

HIST 135 - Eastern Civilization

This course is an introduction to the societies and cultures of Asia. Through lectures, readings and discussions, the course will focus on aspects of the history, politics, art, literature and economics of China, Japan and India. The major traditional themes and concepts of these civilizations will be stressed. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60540 351 ONLINE	-----	-	06/05/17-07/27/17	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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_140)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60541 001 F2F	MTWR---	09:30-12:00 PM	06/05/17-06/29/17	CC 126B	Walker B	Closed
60543 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Taylor D	Closed
60544 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Mack J	Closed
60545 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Mack J	Closed
60546 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Tope J	Closed
60547 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Tope J	Closed

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
60548 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 126A	Harvey D	Closed
60550 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 352	Dobson P	Closed
60551 201 F2F	MTWR---	09:30-12:15 PM	07/03/17-07/27/17	CC 126B	Walker B	Closed
60552 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Domoney J	Closed
60553 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Mack J	Closed
60554 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Harvey D	Closed
60555 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Mischka S	Closed
60556 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Mischka S	Closed
60939 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Dobson P	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-Colombian America and medieval Europe. Students will be able to define the concept of a traditional, as opposed to a modern, society. They will be able to compare these societies with each another and with the modern society of the contemporary United States. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60557 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Taylor D	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152\)](http://catalog.jccc.edu/coursedescriptions/hist/#HIST_152)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60559 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Harward S	Closed

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 the National Restaurant Association. The successful completion of the Serv Safe Sanitation exam will result in a national sanitation certification. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120\)](http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_120)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60224 001 F2F	-T-----	09:00-05:00 PM	06/06/17-06/13/17	HCA 115	Gray J	Closed

SB 155 Excel in CTE

Note: This class only meets on June 6 and June 13.

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
60225 001 F2F	MTWR---	01:00-04:30 PM	06/05/17-06/29/17	HCA 144	Reed A	Closed

SB 155 Excel in CTE

HMGT 275 - Seminar in Hospitality Management: Internship

This course provides industry experience for students in cooperating businesses, agencies and organizations. While enrolled in this course, a student must work a minimum of 320 hours in an approved position in the hospitality industry. By arrangement.

Credit Hours: 3

Prerequisite: Admission to the hospitality management program

Outline (http://catalog.jccc.edu/coursedescriptions/hmgt/#HMGT_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60226 500 INT	-----	-	06/05/17-07/27/17		Hoerz D	20 of 24

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
60228 501 INT	-----	-	06/05/17-07/27/17		Marcellus J	8 of 10

SB 155 Excel in CTE

Requirement: Department approval

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
60229 503 INT	-----	-	06/05/17-07/27/17		Marcellus J	8 of 10
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						

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
60948 505 INT	-----	-	06/05/17-07/27/17		Marcellus J	9 of 10
<i>SB 155 Excel in CTE</i>						
Requirement: Department approval						

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
60529 975 TRV	--W----	08:00-05:00 PM	06/07/17-06/07/17	GEB 238	Page A Jenab F	Full
	--W----	08:00-05:00 PM	06/14/17-06/14/17	GEB 238		
	--W----	08:00-05:00 PM	06/21/17-06/21/17	GEB 238		

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

This section's title is **Honors Forum: Place as Text-Kansas**.

Honors Course

Mandatory Classroom Meetings

Travel dates will be from 6/26-6/29.

Requirement: Department approval

Horticulture

HORT 150 - Fruits, Vegetables and Herb Crops

This course is designed to familiarize garden center employees with the plant materials and production of crops many homeowners use and grow. This course will help the employee answer many homeowner questions about production, varieties and potential crop problems. Home hobbyists may also wish to enroll in this course. 1 hr. lecture, 2 hrs. lab/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60919 051 F2F	M-----	06:00-08:00 PM	06/05/17-07/27/17	HSC 121	Kumar L	Closed
	Lab --W----	06:00-10:00 PM	06/07/17-07/27/17	HSC 124		

SB 155 Excel in CTE

HORT 160 - Garden Center Operations

This course is designed for garden center employees and provides background on the elements necessary for success in a competitive retail environment. The business organization is emphasized, including environmental monitoring, selling, inventory issues, merchandising, advertising, cost effectiveness, labor/team relationships and customer service. In addition, safety and legal issues are examined. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60360 380 HYB	-----	-	06/05/17-07/27/17	Online	Heath H	Closed
	---R---	06:00-09:00 PM	06/08/17-07/27/17	HSC 124		

Mandatory Classroom Meetings

SB 155 Excel in CTE

Note: Students will be visiting and getting trained in-depth, on location, at area garden centers.

HORT 214 - Woody Plants I, Deciduous

The class places emphasis on identification, ornamental characters, site requirements, and use of woody ornamental deciduous trees and shrubs with special emphasis on the cultivated varieties in climatic zones 5 and 6. Plant uses and seasonal effects and influences that affect plant choices will be also be taught. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying plant materials used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60361 380 HYB	-----	-	06/05/17-07/27/17	Online	Sreedhar L	Closed
	Lab -----	-	06/05/17-07/27/17	Online		
	Lab --W----	06:00-09:00 PM	06/07/17-07/26/17	HSC 121		

Mandatory Classroom Meetings

SB 155 Excel in CTE

Note: Lecture notes posted on-line prior to each class will introduce you to the course material. Lecture notes will be discussed in class. Labs will be hands-on, on-campus, unless indicated otherwise in the syllabus. Make sure to read the relevant chapter(s) in your text book and the lecture notes before coming to class.

HORT 220 - Herbaceous Plants

This course will focus on the identification, ornamental characters, culture, propagation, and use of herbaceous perennials, bulbs, ground covers, vines and annuals. This course will assist the grounds maintenance employee, landscaper, and garden center employee in identifying and selecting herbaceous plant materials with additional emphasis on uses and maintenance of these plants when used in the landscape. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10

Outline (http://catalog.jccc.edu/coursedescriptions/hort/#HORT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60362 350 ONLINE	-----	-	06/05/17-07/27/17	Online	Seckinger G	Closed
	Lab -----	-	06/05/17-07/27/17	Online		

SB 155 Excel in CTE

Note: This online course will require testing in the JCCC Testing Center or an approved testing site.

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 \(http://catalog.jccc.edu/coursedescriptions/hort/#HORT_270\)](http://catalog.jccc.edu/coursedescriptions/hort/#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60363 500 INT	-----	-	06/05/17-07/27/17		Sreedhar L	3 of 10

SB 155 Excel in CTE
Requirement: Department approval

Physical Ed, Health & Rec

HPER 104 - Yoga

This class will utilize techniques from yoga which aim to provide mind/body benefits including better posture and increased body awareness. Muscular strength and flexibility will be developed through poses and positions. This class will be geared toward all students, both beginners as well as those who have previous training. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$12 to 15

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60106 002 F2F	MTW----	10:00-11:05 AM	06/05/17-07/26/17	GYM 007	Beattie-Nelson A	Closed
60108 004 F2F	-T-R---	06:00-07:50 PM	06/06/17-07/27/17	GYM 007	Zickefoose W	Closed

HPER 130 - Running Awareness and Exercise

The course will introduce the student to aerobic fitness through the activity of running. The training principles for running and competitive racing will be covered, and the individual will complete a personal running and/or racing training program. 2 hrs./wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_130\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60147 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Bloemker M	Closed

Note: All assignments and tests will be online

HPER 137 - Tennis (Beginning)

Students will get individualized instruction in this course on the rules, terminology and history of tennis. The student will receive instruction on the basic strokes of tennis, as well as the strategies of singles and doubles play. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$30 to 40

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_137)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60155 001 F2F	-T-R---	06:00-07:50 PM	06/06/17-07/27/17	GYM 537	Alarico A	Closed

HPER 138 - Tennis (Intermediate)

Students will review the rules, terminology and history of tennis. The student will receive instruction on the strokes of tennis, 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. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$30 to 40

Prerequisite: HPER 137

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60156 001 F2F	-T-R---	06:00-07:50 PM	06/06/17-07/27/17	GYM 537	Alarico A	Closed

HPER 185 - Archery

Students will receive individualized instruction in the basic skills of archery as a recreational sport lending itself as a lifetime leisure interest. Safety, fundamental care and usage of archery tackle, and beginning archery skills will be taught, along with a survey of the history of archery. 2 hrs./wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_185)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60159 001 F2F	-T-----	08:10-11:20 AM	06/06/17-07/25/17	GYM 125	Carter C	Closed
	-T-----	08:10-11:20 AM	06/06/17-07/25/17	GYM 526		

Note: Archery Class will meet in the lobby in the gym building close to room 116

HPER 192 - Wellness for Life

This course introduces students to the theory and principles upon which the concepts of lifetime fitness and wellness are based. Students will examine the relationship that exists between wellness and lifestyle behaviors. Individual self-assessments will be used to establish current health and fitness levels. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192\)](http://catalog.jccc.edu/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60160 350 ONLNE	-----	-	06/05/17-07/27/17	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						
60161 351 ONLNE	-----	-	06/05/17-07/27/17	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						
60162 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Carrier D	Closed
Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online						

HPER 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)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60166 003 F2F	MTWR---	09:00-10:50 AM	06/05/17-06/29/17	GYM 021	Nosworthy A	Closed

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)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60168 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Mallory L	Closed
Note: All assignments and tests will be online						
60169 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Stinson J	Closed
Note: All assignments and tests will be online						
60170 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Mallory L	Closed
Note: All assignments and tests will be online						
60171 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Mallory L	Closed
Note: All assignments and tests will be online						

CRN	Days	Time	Date	Location	Instructor	Seats Open
60172 354 ONLNE	-----	-	07/03/17-07/27/17	Online	Mallory L	Closed

Note: All assignments and tests will be online

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
60173 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Burgess C	Closed

Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

60174 351 ONLNE	-----	-	07/03/17-07/27/17	Online	Burgess C	Closed
------------------------	-------	---	-------------------	--------	-----------	--------

Note: During this class students will communicate with the instructor and classmates regarding their outdoor recreational experiences and complete written assignments and tests online

HPER 240 - Lifetime Fitness I

Lifetime Fitness introduces the student to basic fitness principles, physical activity and the relationship to a healthy lifestyle. This class is designed to provide a variety of physical activity experiences. Students will gain an understanding of the necessary skills needed to develop and implement personal lifestyle improvements related to cardiovascular fitness, muscular strength, muscular endurance, flexibility and body composition. Physical activity tracking will be utilized in this course.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60175 001 F2F	-----	-	06/05/17-07/27/17	GYM 103	Dey R	Closed

Lifetime Fitness

Note: Lifetime Fitness I requires an initial orientation. Complete your orientation online through Desire2Learn. You must purchase the Lifetime Fitness and Wellness Manual. (A new manual is required due to copyright laws). Orientation must be completed within two weeks 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

60866 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Brown S	Closed
------------------------	-------	---	-------------------	--------	---------	--------

Lifetime Fitness

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, Susan Brown

HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 240

Outline (http://catalog.jccc.edu/coursedescriptions/hper/#HPER_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60176 001 F2F	-----	-	06/05/17-07/27/17	GYM 103	Hall T	Closed

Lifetime Fitness

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
60390 001 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 344	Noble T	Closed
60391 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Garrett M	Closed
60393 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Domoney J	Closed
60394 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Domoney J	Closed
60395 355 ONLNE	-----	-	06/05/17-07/27/17	Online	McCarty L	Closed

HUM 145 - Introduction to World Humanities I

This course will acquaint students with the arts and ideas of the world's major civilizations, from antiquity through the Renaissance. The approach will be interdisciplinary, covering the artistic values embodied in painting, sculpture, architecture, literature, theater, music and dance as they have emerged out of their historical contexts. In addition to providing the fundamental principles, methodologies and theories used in the study of the humanities, the course aims to enhance students' understanding of the contemporary world. 3 hrs. lecture/wk. This course is taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/hum/#HUM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60396 351 ONLNE	-----	-	06/05/17-07/27/17	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
60398 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Norcott-Mahany B	Closed

Heating,Vent.,Air Conditioning

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
60008 001 F2F	----S-	08:00-04:00 PM	06/10/17-06/17/17	ATB 127	Hendren H	Closed

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
60009 501 INT	-----	-	06/05/17-07/27/17		Hendren H	8 of 15
<i>SB 155 Excel in CTE</i> Requirement: Department approval						
60010 503 INT	-----	-	06/05/17-07/27/17		Lamping J	9 of 15

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

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
60177 001 F2F	----S-	08:00-05:00 PM	06/10/17-07/08/17	ATB 131	Burks D	Closed

SB 155 Excel in CTE

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
60181 002 F2F	----F--	09:00-10:50 AM	06/09/17-07/21/17	ATB 127	Bedell T	Closed
60223 003 F2F	----SU	08:00-05:00 PM	07/15/17-07/16/17	ATB 127	Bedell T	Closed
Note: Class meets Saturday AND Sunday						
60884 010 F2F	----F--	05:30-06:30 PM	06/09/17-06/09/17	ITC 104	Murphy-Latta T	Closed
	-T-R---	05:30-06:30 PM	06/20/17-06/29/17	ITC 104		
	----S-	08:00-01:00 PM	07/01/17-07/14/17	ITC 104		

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
60209 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Lutz A	Closed
<i>SB 155 Excel in CTE</i>						
<i>Accelerating Opportunity KS</i>						
60210 376 HYB	-T-R---	06:00-07:50 PM	06/06/17-07/27/17	RC 346	Lutz A	Closed
	-----	-	06/06/17-07/27/17	Online		
<i>Accelerating Opportunity KS</i>						
<i>Mandatory Classroom Meetings</i>						
<i>SB 155 Excel in CTE</i>						

IT 140 - Networking Fundamentals

This course serves as the first module of four that are designed to prepare students to complete the Cisco Certified Network Associate (CCNA) Certification. The course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the CCNA curriculum. By the end of the course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. 3 hrs. lecture 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
60211 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
60212 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Renfro T	Closed
<i>SB 155 Excel in CTE</i>						
60213 376 HYB	-T-R---	10:00-11:50 AM	06/06/17-07/27/17	RC 350	Al-Rawi A	Closed
	-----	-	06/06/17-07/27/17	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 RIP (Routing Information Protocol) and OSPF (Open Shortest Path First) in IPv4 and IPv6 (Internet Protocol version 4 and 6) 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
60214 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						

IT 201 - Network Security Fundamentals

This course is designed to provide an introduction to the core security concepts and skills needed for the installation, troubleshooting and monitoring of network devices to maintain the integrity, confidentiality and availability of data and devices. Topics covered include network threats, mitigation techniques, securing network devices, implementing firewall technologies, implementing intrusion prevention, securing local area networks (LANs), implementing virtual private networks (VPNs), and managing a secure network. Hands-on exercises will be used to reinforce the concepts. 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
60215 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Akkam M	Closed
<i>SB 155 Excel in CTE</i>						

IT 209 - Scaling Networks

This course is designed to provide students with the necessary knowledge and skills to interconnect and configure routers and switches in large networks. Students successfully completing this course should be able to perform switch and router administration tasks including installing, configuring and troubleshooting. Students will build networks based on the hierarchical design model supported by Virtual Local Area Networks (VLANs), Spanning Tree Protocol (STP), 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
60217 376 HYB	M-W----	06:00-07:50 PM	06/05/17-07/26/17	RC 352	Peterson M	Closed
	-----	-	06/05/17-07/26/17	Online		

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

SB 155 Excel in CTE
Mandatory Classroom Meetings

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
60218 376 HYB	-T-----	06:00-09:50 PM	06/06/17-07/25/17	RC 340	Carney R	Closed
	-----	-	06/06/17-07/25/17	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

IT 228 - Exchange Server

This course is designed to provide network administrators with information that enhances their ability to manage an Exchange server network. Included are topics related to server and client mail management and server performance, e-mail concepts and advanced Internet networking. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Prerequisite: IT 225

Outline (http://catalog.jccc.edu/coursedescriptions/it/#IT_228)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60219 376 HYB	M-----	06:00-09:50 PM	06/05/17-07/24/17	RC 340	Carney R	Closed
	-----	-	06/05/17-07/24/17	Online		

Mandatory Classroom Meetings
SB 155 Excel in CTE

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 \(http://catalog.jccc.edu/coursedescriptions/it/#IT_230\)](http://catalog.jccc.edu/coursedescriptions/it/#IT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60220 376 HYB	M-W----	06:00-07:50 PM	06/05/17-07/26/17	RC 346	Golden T	Closed
	-----	-	06/05/17-07/26/17	Online		

SB 155 Excel in CTE
Mandatory Classroom Meetings

IT 247 - Accessing Wide Area Networks

The goal is to develop an understanding of various Wide Area Network (WAN) technologies to connect medium-size business networks. The course focuses on WAN technologies including Point-to-Point Protocol (PPP), Frame Relay and broadband links. WAN security concepts are discussed in detail, including types of threats, how to analyze network vulnerabilities, and general methods for mitigating common security threats. The course explains the principles of Access Control Lists (ACLs) and describes how to implement IP addressing services for an enterprise network, including Network Address Translation (NAT) and Dynamic Host Configuration Protocol (DHCP). IPv6 addressing concepts are also discussed. Finally, students learn how to troubleshoot and correct common network implementation issues. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisites: IT 145 and IT 209

[Outline \(http://catalog.jccc.edu/coursedescriptions/it/#IT_247\)](http://catalog.jccc.edu/coursedescriptions/it/#IT_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60221 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Al-Rawi A	Closed

SB 155 Excel in CTE

IT 271 - Information Technology Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide advanced information technology students with appropriate on-the-job experience with area employers, under instructional oversight, which will promote the student's career goals. Student will work a total of 300 hours a semester at an approved job site.

Credit Hours: 3

Prerequisites: IT 210 or IT 221 or IT 230 and department approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/it/#IT_271\)](http://catalog.jccc.edu/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60222 500 INT	-----	-	06/05/17-07/27/17		Akkam M	1 of 5

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 \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60129 001 F2F	M-W----	09:00-11:45 AM	06/05/17-07/26/17	GEB 356	Hersch A	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 \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60862 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hersch A	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 \(http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231\)](http://catalog.jccc.edu/coursedescriptions/itmd/#ITMD_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60130 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Green D	Closed

SB 155 Excel in CTE

ITMD 282 - Interiors Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course consists of supervised work experience in an approved training situation. It is designed to provide practical experience in the interiors industry. A minimum of 160 hours per semester of on-the-job training is required.

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
60131 500 INT	-----	-	06/05/17-07/27/17		Kalkofen B	15 of 20

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
60132 501 INT	-----	-	06/05/17-07/27/17		Kalkofen B	16 of 20

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
60003 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Schulte M	Closed
60004 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Crabbe C	Closed

JOUR 269 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 60 hrs. for the semester by arrangement.

Credit Hours: 1

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60005 500 INT	-----	-	06/05/17-07/27/17		Raduziner M	9 of 10

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

JOUR 270 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing and production techniques needed to produce video and broadcast news, produce advertising, or public relations promotional copy. On-the-job training includes a minimum of 120 hrs. for the semester by arrangement.

Credit Hours: 2

Prerequisite: Instructor approval; completion of 3 credit hours in journalism/ media communications course at JCCC or other college with a grade of C or higher.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60006 500 INT	-----	-	06/05/17-07/27/17		Raduziner M	7 of 10

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

JOUR 271 - Journalism Internship

A journalism/media internship allows students to gain work experience at an approved training center under staff supervision. Emphasis is on learning new skills related to a particular program or department at a media facility. Students may learn the application of writing techniques needed to produce and broadcast news, and produce advertising or public relations promotional copy. On-the-job training involves approximately 15-20 hrs./wk. by arrangement.

Credit Hours: 3

Prerequisites: Instructor approval; completion of six credit hours in journalism/media communications at JCCC or another college with a grade of "C" or higher in those 6 hours.

Outline (http://catalog.jccc.edu/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

CRN	Section	Days	Time	Date	Location	Instructor	Seats Open
-----	---------	------	------	------	----------	------------	------------

NOTE: Students meet in Professor Raduziner's office in LIB 301A. For more information on Journalism internships, please contact Prof. Raduziner, markr@jccc.edu.

Requirement: Department approval

Legal Studies

LAW 120 - Introduction to Paralegal Studies

Upon successful completion of this course, the student should be able to describe the paralegal profession and explain the role of the paralegal in a legal environment, including necessary skills, education and training, common duties, and representative tasks. The student should be able to explain the regulation of the legal profession and ethical issues relevant to attorneys and paralegals. The student should be able to draft a professional resume and design an effective job-search strategy. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/law/#LAW_120)

CRN	Section	Days	Time	Date	Location	Instructor	Seats Open
60856	350 ONLNE	-----	-	06/05/17-07/27/17	Online	Fordham N	Closed
60857	351 ONLNE	-----	-	06/05/17-07/27/17	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	Section	Days	Time	Date	Location	Instructor	Seats Open
60141	001 F2F	MTWR---	06:00-07:50 PM	06/05/17-06/29/17	GEB 379	Manlove H	Closed
60142	350 ONLNE	-----	-	06/05/17-07/27/17	Online	Fordham N	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
60145 500 INT	-----	-	06/05/17-07/27/17		Manlove H	5 of 8
<i>SB 155 Excel in CTE</i>						

Learning Strategies

LS 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. Learning Strategies 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

Corequisite: Concurrent enrollment in a math course

[Outline \(http://catalog.jccc.edu/coursedescriptions/lis/#LS_174\)](http://catalog.jccc.edu/coursedescriptions/lis/#LS_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60506 001 F2F	MTWR---	11:00-11:50 AM	06/05/17-06/29/17	LIB 303	Rack M	Closed

LS 176 - Strategic Learning System

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. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in a college lecture course

[Outline \(http://catalog.jccc.edu/coursedescriptions/lis/#LS_176\)](http://catalog.jccc.edu/coursedescriptions/lis/#LS_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60507 001 F2F	MTWR---	09:30-11:30 AM	06/05/17-06/15/17	CLB 412	Kempker K	Closed
60508 350 ONLNE	-----	-	06/12/17-06/22/17	Online	Mann V	Closed

LS 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. 1 hr. lecture/wk. Learning Strategies courses offer students opportunities to acquire the thinking and learning skills needed to be a successful learner, including reading textbooks, taking notes, organizing information and preparing for tests.

Credit Hours: 1

Corequisite: Concurrent enrollment in another college course

Outline (http://catalog.jccc.edu/coursedescriptions/lis/#LS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60509 350 ONLNE	-----	-	07/10/17-07/27/17	Online	Mann V	Closed
60949 351 ONLNE	-----	-	07/10/17-07/27/17	Online	Mann V	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
60593 010 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CLB 209	Haverhals E	Closed
	---R---	07:30-09:20 AM	07/27/17-07/27/17	CLB 403		

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 7:30 a.m. until 9:20 a.m. in CLB 403. The final exam start time AND classroom are different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

60595 080 F2F	-T-R---	12:30-03:20 PM	06/06/17-07/27/17	OCB 332	Benes S	Closed
60596 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Fischer E	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 20 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.

60598 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Deas M	7 of 10
---------------	-------	---	-------------------	------------	--------	---------

Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

MATH 115 - Elementary Algebra

This is a beginning course in algebra, designed to help students acquire a solid foundation in the basic skills of algebra. Students will learn to simplify arithmetic and algebraic expressions, including exponential expressions, polynomials, rational expressions and radical expressions; solve equations and inequalities, including linear equations and quadratic equations; graph linear equations; and analyze linear equations. This course is the first in a sequence of courses leading to MATH 116 or higher. 3 or 5 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60599 011 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 315	Cobb D	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 9:30 a.m. until 11:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60600 030 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	GEB 313	Caldwell B	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 12:30 a.m. until 2:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60601 040 F2F	M-W----	11:00-01:50 PM	06/05/17-07/27/17	CLB 402	Phillips V	Closed
60602 050 F2F	M-W----	06:00-08:50 PM	06/05/17-07/27/17	CLB 205	Worthy M	Closed
60603 060 F2F	-T-R---	08:00-10:50 AM	06/06/17-07/27/17	OCB 332	Benes S	Closed
60604 080 F2F	-T-R---	04:30-07:20 PM	06/06/17-07/27/17	CLB 205	Dickey S	Closed
60605 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Deas M	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60606 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Dunham J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60607 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Dunham J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60608 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Deas M	8 of 10
Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu . For more information and a link to the course syllabus and self-paced application see http://www.jccc.edu/academics/math-science/mathematics/self-paced.html (http://www.jccc.edu/academics/math-science/mathematics/self-paced.html)						
Requirement: Department approval						

MATH 116 - Intermediate Algebra

This course focuses on arithmetic and algebraic manipulation, equations and inequalities, graphs, and analysis of equations and graphs. Students will simplify arithmetic and algebraic expressions, including those containing rational expressions, rational exponents, radicals and complex numbers; solve equations and inequalities including linear, quadratic, quadratic in form, as well as those containing rational expressions, radicals or absolute value; graph linear inequalities; and analyze functions and non-functions. 3 or 5 hrs.lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60609 011 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	GEB 315	Cobb D	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60610 012 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CLB 402	Jacobs L	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 9:30 a.m. until 11:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60611 013 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CLB 211	Caldwell B	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 11:00 a.m. until 12:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60612 040 F2F	M-W----	12:30-03:20 PM	06/05/17-07/27/17	OCB 332	Valle C	Closed
60613 050 F2F	M-W----	06:00-08:50 PM	06/05/17-07/27/17	CLB 203	Caldwell B	Closed
60614 060 F2F	-T-R---	08:00-10:50 AM	06/06/17-07/27/17	CLB 203	Hamler P	Closed
60615 080 F2F	-T-R---	04:30-07:20 PM	06/06/17-07/27/17	CLB 211	Davis P	Closed
60616 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Barlow R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60617 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Barlow R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60618 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Barlow R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60912 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Barlow R	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60619 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Deas M	10 of 24

Note: In this online course, it is expected that students will work daily for a total of at least 20 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.

Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)
Requirement: Department approval

MATH 118 - Geometry

This course is an informal approach to geometry. Topics will include lines, polygons, area, volume, circles, similarity, congruence and coordinate geometry. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 115 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60620 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Reinhard V	2 of 5

Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)
Requirement: Department approval

MATH 120 - Business Mathematics

This is a course for the student who needs specific skills in mathematics to address business problems and business applications. Students will learn the mathematics involved in payroll, retailing, asset valuation, interest, finance, and the time value of money. Students will use a calculator and computer to solve a variety of applications. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$25

Prerequisite: MATH 111 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60621 040 F2F	M-W----	08:00-10:50 AM	06/05/17-07/27/17	OCB 332	Sutherlin C	Closed
60622 090 F2F	-T-R--	06:00-08:50 PM	06/06/17-07/27/17	CLB 207	Voss-Schoonover L	Closed
60623 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Jacobs L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60624 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Sutherlin C	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 20 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.

60625 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Reinhard V	10 of 10
Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu . For more information and a link to the course syllabus and self-paced application see http://www.jccc.edu/academics/math-science/mathematics/self-paced.html (http://www.jccc.edu/academics/math-science/mathematics/self-paced.html)						
Requirement: Department approval						

MATH 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
60626 010 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CLB 205	Robinson W	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60627 011 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CLB 205	Hoopes D	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 9:30 a.m. until 11:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60628 012 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	GEB 313	Haverhals E	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 11:00 a.m. until 12:50 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60629 030 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	GEB 315	Wainwright F	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 12:30 a.m. until 2:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60630 040 F2F	M-W----	08:00-10:50 AM	06/05/17-07/27/17	GEB 313	Cooper S	Closed
60631 041 F2F	M-W----	11:00-01:50 PM	06/05/17-07/27/17	CLB 205	Greenwood J	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60632 050 F2F	M-W----	04:00-06:50 PM	06/05/17-07/27/17	CLB 402	Dennis R	Closed
60877 060 F2F	-T-R---	09:00-11:50 AM	06/06/17-07/27/17	OCB 308	Irfan S	Closed
60633 080 F2F	-T-R---	12:30-03:20 PM	06/06/17-07/27/17	OCB 308	Putnam T	Closed
60634 090 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	GEB 315	Dennis R	Closed
60635 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Reinhard V	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60636 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Reinhard V	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60637 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Imm C	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60638 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Dunham J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60916 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Dunham J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60639 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Reinhard V	2 of 24
Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu. For more information and a link to the course syllabus and self-paced application see http://www.jccc.edu/academics/math-science/mathematics/self-paced.html (http://www.jccc.edu/academics/math-science/mathematics/self-paced.html) Requirement: Department approval						

MATH 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
60640 010 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CLB 402	Keslar C	Closed
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60641 040 F2F	M-W----	11:00-01:50 PM	06/05/17-07/27/17	CLB 213	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						
60642 090 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	CLB 209	Irfan S	Closed
60643 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Lewis J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60644 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Lewis J	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60645 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Veer P	11 of 24
Note: Students can begin their study in this self-paced math course at any time between April 1, 2017 and June 30, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu . For more information and a link to the course syllabus and self-paced application see http://www.jccc.edu/mathematics/self-paced.html (http://www.jccc.edu/mathematics/self-paced.html) Requirement: Department approval						

MATH 173 - Precalculus

Note: 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. 5 hrs. lecture/wk.

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
60646 010 F2F	MTWR---	11:00-01:15 PM	06/05/17-07/27/17	CLB 203	Balman B	Closed

MATH 175 - Discrete Mathematics and its Applications

This course is designed to present the beauty, scope, practical applications and relevance of mathematics. It will focus on applications of general interest drawn primarily from the social and biological sciences and business. Topics will be placed in a historical context, and mathematical reasoning will be stressed. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to \$100

Prerequisite: MATH 171 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60647 040 F2F	M-W----	09:30-12:20 PM	06/05/17-07/27/17	OCB 308	Wainwright F	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
60648 010 F2F	MTWR---	06:30-07:45 AM	06/05/17-07/27/17	CLB 213	Colburn R	Closed

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 6:30 a.m. until 8:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

60649 011 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CLB 213	Wainwright F	Closed
---------------	---------	----------------	-------------------	---------	--------------	--------

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 7:30 a.m. until 9:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

60650 012 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CLB 213	Robinson W	Closed
---------------	---------	----------------	-------------------	---------	------------	--------

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 9:30 a.m. until 11:20 a.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

60651 040 F2F	M-W----	12:30-03:20 PM	06/05/17-07/27/17	CLB 209	Haverhals E	Closed
---------------	---------	----------------	-------------------	---------	-------------	--------

60652 050 F2F	M-W----	06:00-08:50 PM	06/05/17-07/27/17	CLB 213	Sutherlin C	Closed
---------------	---------	----------------	-------------------	---------	-------------	--------

60653 060 F2F	-T-R---	11:00-01:50 PM	06/06/17-07/27/17	CLB 213	Palcic R	Closed
---------------	---------	----------------	-------------------	---------	----------	--------

CRN	Days	Time	Date	Location	Instructor	Seats Open
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 11:30 a.m. until 1:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.						
60654 080 F2F	-T-R---	02:00-04:50 PM	06/06/17-07/27/17	CLB 209	Shehab S	Closed
60655 081 F2F	-T-R---	04:30-07:20 PM	06/06/17-07/27/17	CLB 213	Colburn R	Closed
60656 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Palcic R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60657 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Gibbs A	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60658 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Cooper B	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60659 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Cooper B	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60660 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Gibbs A	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60661 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Palcic R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60913 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Palcic R	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60927 357 ONLNE	-----	-	06/05/17-07/27/17	Online	Gibbs A	Closed
Note: In this online course, it is expected that students will work daily for a total of at least 20 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.						
60662 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Veer P	3 of 24

Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

MATH 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 \(http://catalog.jccc.edu/coursedescriptions/math/#MATH_231\)](http://catalog.jccc.edu/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60668 040 F2F	M-W----	08:00-10:50 AM	06/05/17-07/27/17	CLB 203	Palmer B	Closed
60669 050 F2F	M-W----	04:30-07:20 PM	06/05/17-07/27/17	CLB 207	Haehl M	Closed
60670 060 F2F	-T-R---	08:00-10:50 AM	06/06/17-07/27/17	OCB 144	Haehl M	Closed
60671 061 F2F	-T-R---	11:00-01:50 PM	06/06/17-07/27/17	CLB 402	Menning M	Closed

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 27th from 11:30 a.m. until 1:20 p.m. in the regularly scheduled classroom. The final exam end time is different than the normal class time and room and may conflict with another class you are considering. If you have a conflict, your math professor will work with you to resolve it.

60667 090 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	GEB 313	LeRoy J	Closed
60672 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Imm C	Closed

Note: In this online course, it is expected that students will work daily for a total of at least 20 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.

60673 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Imm C	Closed
------------------------	-------	---	-------------------	---------------	-------	---------------

Note: In this online course, it is expected that students will work daily for a total of at least 20 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.

60914 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Imm C	Closed
------------------------	-------	---	-------------------	---------------	-------	---------------

Note: In this online course, it is expected that students will work daily for a total of at least 20 hours each week in order to meet all deadlines. One or more exams will be taken in a proctored setting. Students should possess strong computer skills, be self-motivated, and be good self-learners. Students will use the internet to access course materials, submit work, communicate with the instructor, and other activities. This is NOT a self-paced course. Some instructors require the JCCC Distance Learning Orientation. For more information, contact the instructor.

MATH 232 - Business and Applied Calculus II

This is the second course in a two-semester series on calculus that covers five techniques of integration, differentiation and integration of trigonometric functions, differential equations, and functions of several variables as applied to business, statistics, biology and the social sciences. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisites: MATH 231 and either MATH 172 or MATH 173 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60674 090 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	CLB 402	McCoy M	Closed

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
60663 001 F2F	MTWR---	08:00-10:15 AM	06/05/17-07/27/17	CLB 207	Balman B	Closed
60664 002 F2F	MTWR---	11:00-01:15 PM	06/05/17-07/27/17	CLB 207	Hatcher D	Closed
60665 003 F2F	MTWR---	01:30-03:45 PM	06/05/17-07/27/17	CLB 207	Hatcher D	Closed
60666 004 F2F	MTWR---	06:00-08:15 PM	06/05/17-07/27/17	OCB 332	Baldwin R	Closed
60864 450 SEL	-----	-	06/05/17-06/30/18	Self Paced	Veer P	6 of 37

Note: Summer students can begin their study in this self-paced math course up through July 1, 2017, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu. For more information and a link to the course syllabus and self-paced application see <http://www.jccc.edu/academics/math-science/mathematics/self-paced.html> (<http://www.jccc.edu/academics/math-science/mathematics/self-paced.html>)

Requirement: Department approval

MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. Integration is covered with an emphasis on analytical, numerical, and graphical methods. Techniques of integration are used to solve scientific and geometric applications. Infinite series are analyzed for convergence and applied to the representation of functions. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: MATH 241 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/coursedescriptions/math/#MATH_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60675 001 F2F	MTWR---	09:30-11:45 AM	06/05/17-07/27/17	CLB 403	Grondahl R	Closed
60676 002 F2F	MTWR---	01:30-03:45 PM	06/05/17-07/27/17	CLB 403	Grondahl R	Closed
60677 003 F2F	MTWR---	06:00-08:15 PM	06/05/17-07/27/17	CLB 403	Houghton J	Closed

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
60678 001 F2F	MTWR---	08:00-10:15 AM	06/05/17-07/27/17	CLB 211	Church J	Closed
60679 002 F2F	MTWR---	01:30-03:45 PM	06/05/17-07/27/17	CLB 211	McCoy M	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
60680 090 F2F	-T-R---	06:00-08:50 PM	06/06/17-07/27/17	CLB 203	Valle C	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
60681 040 F2F	M-W----	12:30-04:00 PM	06/05/17-07/27/17	OCB 308	Dickey S	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
60682 010 F2F	MTWR---	09:30-11:20 AM	06/05/17-07/27/17	CLB 209	Keslar C	Closed
60899 012 F2F	MTWR---	01:30-03:20 PM	06/05/17-07/27/17	CLB 203	Keslar C	Closed

Metal Fabrication and Welding

MFAB 124 - Introduction to Welding

Introduction to Welding is a basic welding, tool, and equipment safety course. This course will expose students to the various welding processes and techniques. Tools, equipment and safety related to the metal fabrication area will be discussed and used by the student. This is a hands-on course. Students will be required to purchase and use personal protective equipment (PPE). 1hr lecture and 4hrs lab/wk.

Credit Hours: 3

Associated Costs: \$50 to \$150

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60001 001 F2F	MTWR---	08:00-08:50 AM	07/03/17-07/27/17	ATB 127	Crompton S	Closed
	Lab MTWR---	09:00-12:50 PM	07/03/17-07/27/17	ATB 150		

MFAB 140 - Maintenance Repair Welding

Upon successful completion of this course, the student should be able to perform oxyfuel cutting (OFC), shielded metal arc welding (SMAW), gas metal arc welding (GMAW) and plasma arc cutting (PAC). Basic blueprint and standard AWS welding symbols will be introduced. Selected welds and assignments will be tested according to industry and AWS standards. The student will be required to provide ANSI Z-87.1 approved safety glasses and may be expected to provide other basic hand tools and/or equipment as required by employers. This course is designed for individuals who have welding experience or who are employed by a company that requires welding skills. This course can be customized for advanced training. 1 hr. lecture, 4 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$30 to 150

Prerequisites: MFAB 131 and MFAB 133 and MFAB 136

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60002 001 F2F	MTWR---	08:00-08:50 AM	06/05/17-06/29/17	ATB 127	Crompton S	Closed
	Lab MTWR---	09:00-12:50 PM	06/05/17-06/29/17	ATB 150		

SB 155 Excel in CTE

MFAB 271 - Metal Fabrication 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 with 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 hrs. lecture, 15 hrs. minimum on-the-job training/wk.

Credit Hours: 3

Associated Costs: \$30 to 150

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/coursedescriptions/mfab/#MFAB_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60907 500 INT	-----	-	06/05/17-07/27/17		Crompton S	4 of 5

SB 155 Excel in CTE

Requirement: Department approval

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 \(http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_140\)](http://catalog.jccc.edu/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60819 350 ONLNE	-----	-	06/05/17-07/24/17	Online	Kraus A	Closed

SB 155 Excel in CTE

Marketing Management

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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60180 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Hulen P	Closed

SB 155 Excel in CTE

MKT 146 - Introduction to Social Media Marketing

Students in this course will survey usage of social media for marketing purposes. This course will study the relevance and importance of new and emerging marketing processes within social media. Students will analyze basic practical social media as well as learn "best practices" and use different social media throughout the class to create content. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60178 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Spilde B	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_202\)](http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

CRN	350 ONLNE	Days	Time	Date	06/05/17-07/27/17	Location	Instructor	Seats	Open
-----	-----------	------	------	------	-------------------	----------	------------	-------	------

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
60111 350 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Hulen P	Closed
60112 351 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17	Online	Millard B	Closed
60114 352 ONLNE <i>SB 155 Excel in CTE</i>	-----	-	07/03/17-07/27/17	Online	Hulen P	Closed

MKT 284 - Marketing Management Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 48 hours, per semester, of on-the-job training is required.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/mkt/#MKT_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60117 500 INT <i>SB 155 Excel in CTE</i>	-----	-	06/05/17-07/27/17		Millard B	4 of 8

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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60183 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Scott S	Closed
60184 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Cowley S	Closed
60185 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Woolsey K	Closed
60932 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Brown D	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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60186 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Fitzer H	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 \(http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155\)](http://catalog.jccc.edu/coursedescriptions/mus/#MUS_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60187 001 F2F	----S-	09:00-12:50 PM	06/10/17-07/22/17	OCB 364	Ransom T	Closed
60188 002 F2F	-T-R---	09:00-10:50 AM	06/06/17-07/27/17	OCB 364	Ransom 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
60189 001 F2F	MTWR---	11:00-12:50 PM	06/05/17-07/27/17	OCB 364	Olvera V	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
60190 001 F2F	M-W----	09:00-10:45 AM	06/05/17-07/26/17	OCB 362	Pretzel M	Closed
60191 002 F2F	M-W----	11:00-12:45 PM	06/05/17-07/26/17	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
60193 001 F2F	M-W----	11:00-11:50 AM	06/05/17-07/26/17	OCB 192	Fitzer H	Closed

Nursing

NURS 125 - Health Assessment in Nursing

Health Assessment in Nursing is a three credit course designed to provide students with a basic understanding and working knowledge of health assessment in the adult. The course is divided into modules that correlate with the bodily systems, including content preparation for subsequent courses including pediatric and older adult. Learning environments will include both classroom and simulated lab setting.

Credit Hours: 3

Requirements: Admission to Nursing Program Corequisite: NURS 100

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60869 376 HYB	-T-----	08:00-03:00 PM	05/23/17-05/23/17	CLB 111	Foster M Deines W Gibbar S Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M McNally J Vraich P Quinn R Parker C Vezendan C	Closed
	----F--	08:00-03:00 PM	05/26/17-05/26/17	CLB 111		
	----F--	08:00-03:00 PM	06/02/17-06/02/17	CLB 111		
	----F--	08:00-03:00 PM	06/09/17-06/09/17	CLB 111		
	----S-	08:00-03:00 PM	06/17/17-06/17/17	CLB 111		
	----F--	08:00-03:00 PM	06/23/17-06/23/17	CLB 111		
	---R--	08:00-03:00 PM	06/29/17-06/29/17	CLB 111		
	----F--	08:00-03:00 PM	07/07/17-07/07/17	CLB 111		

SB 155 Excel in CTE

NURS 175 - Concepts of Nursing Care: PN to RN Transition

This course is an introduction to the second year of the associate degree nurse (ADN) program for graduates of licensed practical nurse (LPN) programs. This course will combine foundational and childbearing family and child concepts of clinical judgment, facilitator of learning, advocacy, caring practices, collaboration, systems thinking, response to diversity and clinical inquiry. Populations examined will include the adult as well as the childbearing family, child and adolescent. An in-depth examination of physical assessment and psychomotor/communication skills will prepare the student for transition to the associate degree nursing program. Course instruction will occur using a blended approach that focuses on active engagement of the student in the classroom, online, in the Health Resource Center, the Simulation Center and in other learning environments.

Credit Hours: 6

Requirements: Admission to the Nursing Program and Prerequisites: BIOL 144 and ENGL 121 and MATH 171 and PSYC 218 Prerequisite or Corequisite: BIOL 230 and BIOL 231 Corequisite: NURS 125

Outline (http://catalog.jccc.edu/coursedescriptions/nurs/#NURS_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60870 001 F2F	---R---	08:00-04:00 PM	05/25/17-05/25/17	CLB 111	Foster M Deines W Gibbar S Carver K LaMartina K Barlett M Ronnebaum E Lanier N Ritter M McNally J Vraich P Quinn R Parker C Vezendan C	Closed
	-T-----	08:00-04:00 PM	05/30/17-05/30/17	CLB 111		
	--W----	08:00-04:00 PM	05/31/17-05/31/17	CLB 111		
	M-----	08:00-04:00 PM	06/05/17-06/05/17	CLB 111		
	-T-----	08:00-04:00 PM	06/06/17-06/06/17	CLB 111		
	--W----	08:00-04:00 PM	06/07/17-06/07/17	CLB 111		
	M-----	08:00-04:00 PM	06/12/17-06/12/17	CLB 111		
	-T-----	08:00-04:00 PM	06/13/17-06/13/17	CLB 111		
	--W----	08:00-04:00 PM	06/14/17-06/14/17	CLB 111		
	M-----	08:00-04:00 PM	06/19/17-06/19/17	CLB 111		
	-T-----	08:00-04:00 PM	06/20/17-06/20/17	CLB 111		
	--W----	08:00-04:00 PM	06/21/17-06/21/17	CLB 111		
	M-----	08:00-04:00 PM	06/26/17-06/26/17	CLB 111		

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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60688 001 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	GEB 317	Conrad O	Closed
60689 002 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 317	Quillen L	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60690 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Jones A	Closed
60691 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Jones A	Closed

PHIL 124 - Logic and Critical Thinking

This course examines the basic elements of formal and informal reasoning. Topics include the elements of argumentative discourse, informal fallacies, inductive and deductive arguments, and propositional logic. The class also focuses on the analysis and evaluation of argumentative discourse in a variety of everyday and academic contexts. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60692 001 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 352	Coleman K	Closed
60941 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Musil B	Closed

PHIL 138 - Business Ethics

This course applies classical and contemporary theories of morality to problems, questions and dilemmas arising in business. Using the major concepts and principles of deontological, consequentialist and perfectionist theories, it examines and analyzes cases involving such areas as employer/employee relations, corporate responsibility, truth telling in business and workplace diversity. Emphasis is on the development of moral reasoning skills that allow for meaningful analysis and evaluation of moral situations. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/coursedescriptions/phil/#PHIL_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60693 351 ONLNE	-----	-	06/05/17-07/16/17	Online	Arjo D	Closed
60694 352 ONLNE	-----	-	06/05/17-07/16/17	Online	Arjo D	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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60695 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 344	Conrad O	Closed
60696 002 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 344	Morgan A	Closed
60697 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Jones A	Closed
60698 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Arp R	Closed
60699 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Arp R	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
60492 001 F2F	-TWR---	08:00-11:50 AM	06/06/17-07/27/17	ATB 147	Long A	Closed

PHOT 128 - Digital Photography

This course is an introduction to the concepts, tools and technology of digital imaging for photographers. Students will develop competence in the use of digital photographic equipment, software, storage devices and printers to produce digital photographic images satisfying the requirements of a series of assignments designed to develop specific skills and competencies. Students will "capture," import, adjust, correct, transmit, store and output images. They will use digital imaging technology to produce photographs for visual communication and artistic expression. Ethics and cultural implications of the technology will be discussed. 6 hrs. integrated lecture/lab per/wk.

Credit Hours: 3

Associated Costs: \$75 to 150

Outline (http://catalog.jccc.edu/coursedescriptions/phot#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60493 001 F2F	-TWR---	01:00-04:50 PM	06/06/17-07/27/17	ATB 135	Heying P	Closed
60496 002 F2F	-TWR---	06:00-09:50 PM	06/06/17-07/27/17	ATB 135	Sands C	Closed
60497 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Nichols M	Closed

Physics

PHYS 130 - College Physics I

In this introductory course for pre-professional and general education, students will learn the fundamentals of selected areas of classical physics. Using the tools of algebra and trigonometry, the course develops the topics of kinematics, mechanics, fluid mechanics, thermal energy and thermodynamics, and concludes with waves. The two-semester PHYS 130/131 sequence is designed to meet the requirements of area pre-professional programs. This is a transfer course that meets the college's requirements for associate's degree programs and also meets transfer requirements of area colleges and universities. This course does not normally fulfill the requirement of engineering programs. The course includes an integrated laboratory component the completion of which is a necessary part of the total instructional package. 4 hrs. lecture, 3 hrs. lab/wk.

Note: This course does not normally fulfill the requirements of engineering programs. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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
60364 001 F2F	MTWR---	08:00-09:50 AM	06/05/17-07/27/17	SCI 122	Weaver L	Closed
	Lab -T-R---	10:00-12:50 PM	06/06/17-07/27/17	SCI 121		
60366 002 F2F	MTWR---	12:00-01:50 PM	06/05/17-07/27/17	SCI 122	Martinez D	Closed
	Lab -T-R---	02:00-04:50 PM	06/06/17-07/27/17	SCI 121		

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
60367 001 F2F	MTWR---	12:00-01:50 PM	06/05/17-07/27/17	SCI 120	Richman M	Closed
	Lab M-W----	02:00-04:50 PM	06/05/17-07/26/17	SCI 117		

CRN	Days	Time	Date	Location	Instructor	Seats Open
60368 050 F2F	M-W----	06:00-06:50 PM	06/05/17-07/26/17	SCI 120	Strecker R	Closed
	Lab M-W----	07:00-09:50 PM	06/05/17-07/26/17	SCI 117		
	-T-R--	06:00-08:50 PM	06/06/17-07/27/17	SCI 120		

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
60371 001 F2F	M-W----	08:00-10:50 AM	06/05/17-07/26/17	SCI 120	Stites R	Closed
	-T-R--	08:00-08:50 AM	06/06/17-07/27/17	SCI 120		
	Lab -T-R--	09:00-11:50 AM	06/06/17-07/27/17	SCI 117		
60375 002 F2F	M-W----	12:00-02:50 PM	06/05/17-07/26/17	SCI 216	Thuma R	Closed
	-T-R--	12:00-12:50 PM	06/06/17-07/27/17	SCI 216		
	Lab -T-R--	01:00-03:50 PM	06/06/17-07/27/17	SCI 117		

Practical Nursing

PN 135 - KSPN Pharmacology

This course introduces the principles of pharmacology, drug classifications, and the effects of selected medications on the human body. The nursing process is used as the framework for ensuring safe and effective nursing care for clients across the lifespan. 45 hrs. lecture/semester

Credit Hours: 3

Requirements: Admission to the Practical Nursing Program, Prerequisites or corequisites: PN 125 with a grade of "C" or higher and PN 126 with a passing grade

Outline (http://catalog.jccc.edu/coursedescriptions/pn/#PN_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60840 101 F2F	-T-R--	05:30-08:30 PM	06/06/17-07/27/17	 OHEC 209	Radom V	Closed

SB 155 Excel in CTE


PN 145 - KSPN Mental Health Nursing

This course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 30 hrs. lecture/semester

Credit Hours: 2

Requirements: Admission to the Practical Nursing Program, Prerequisites: PN 130 with a grade of "C" or higher and PN 131 with a passing grade and PN 135 with a grade of "C" or higher Corequisite: PN 146

[Outline \(http://catalog.jccc.edu/coursedescriptions/pn/#PN_145\)](http://catalog.jccc.edu/coursedescriptions/pn/#PN_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60842 030 F2F	M-W----	05:00-09:00 PM	06/05/17-07/26/17	 OHEC 209	Luoma E	Closed

SB 155 Excel in CTE

PN 146 - Mental Health Nursing Clinical

This clinical course explores basic concepts and trends in mental health nursing. Therapeutic modalities and client behavior management are discussed. Emphasis is placed on using the nursing process and meeting the basic human needs of the mental health client. 45 hrs. clinical/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 145

[Outline \(http://catalog.jccc.edu/coursedescriptions/pn/#PN_146\)](http://catalog.jccc.edu/coursedescriptions/pn/#PN_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60858 031 CLI	----S-	06:30-01:00 PM	06/24/17-07/22/17	TBA	Luoma E	Closed
	-----U	06:30-01:00 PM	06/25/17-07/23/17	TBA		

SB 155 Excel in CTE

Political Science

POLS 122 - Political Science

This course provides students the opportunity to explore the discipline of political science and to discover how political scientists study politics in the contemporary world. 3 hrs. lecture/wk. and online.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_122)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60560 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Wright B	Closed
60561 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Burns J	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_124)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60562 201 F2F	MTWR---	06:00-08:45 PM	07/03/17-07/27/17	GEB 213	Harvey M	Closed
60563 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Staniforth M	Closed

POLS 132 - Introduction to Comparative Government

This course compares the different political structures of many of the world's most important countries, including economic development, patterns of government and administration, party structures and policy formation. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60565 351 ONLNE	-----	-	06/05/17-07/27/17	Online	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 \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS_135\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60566 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Belzer G	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 \(http://catalog.jccc.edu/coursedescriptions/pols/#POLS_245\)](http://catalog.jccc.edu/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60568 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Faulwell B	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/psci/#PSCI_120\)](http://catalog.jccc.edu/coursedescriptions/psci/#PSCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60377 001 F2F	MTWR---	09:00-11:50 AM	06/05/17-07/27/17	SCI 125	Hess J	Closed

Psychology

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 \(http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130\)](http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_130)

[Am I ready for this course?](#)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60575 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CLB 312	Riley N	Closed
<i>Accelerating Opportunity KS</i>						
60576 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CLB 312	Riley N	Closed
<i>Accelerating Opportunity KS</i>						
60577 004 F2F	-T-R---	11:00-01:30 PM	06/06/17-07/27/17	GEB 377	Sympson S	Closed
<i>Accelerating Opportunity KS</i>						
60578 005 F2F	-T-R---	03:00-05:30 PM	06/06/17-07/27/17	CLB 312	Ward P	Closed
<i>Accelerating Opportunity KS</i>						
60579 006 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CLB 312	Kelly D	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i>						
60580 007 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 377	Ward A	Closed
<i>Accelerating Opportunity KS</i>						
60581 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i>						
60582 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i>						
60583 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
60584 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
60585 355 ONLNE	-----	-	06/05/17-07/27/17	Online	Rader M	Closed
<i>Accelerating Opportunity KS</i>						
60586 356 ONLNE	-----	-	06/05/17-07/27/17	Online	Kappen D	Closed
<i>Accelerating Opportunity KS</i>						
60863 357 ONLNE	-----	-	06/05/17-07/27/17	Online	Darrow R	Closed
<i>Accelerating Opportunity KS</i>						
60934 358 ONLNE	-----	-	06/05/17-07/27/17	Online	Kappen D	Closed
<i>Accelerating Opportunity KS</i>						

PSYC 215 - Child Development

This course is a comprehensive account of human development from conception through adolescence. The course integrates genetic, biological, physical and anthropological influences with psychological processes and explores determinants of behavior from a genetic and environmental perspective. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60885 001 F2F	M-W----	02:00-04:30 PM	06/05/17-07/26/17	CLB 312	Ziegler E	Closed

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
60587 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 377	Filley D	Closed
<i>Accelerating Opportunity KS</i>						
60588 002 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CLB 312	Ladd B	Closed
<i>Accelerating Opportunity KS</i>						
60589 003 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 377	Filley D	Closed
<i>Accelerating Opportunity KS</i>						
60590 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Salvato M	Closed
<i>Accelerating Opportunity KS</i>						
60591 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Klinger T	Closed
<i>Accelerating Opportunity KS</i>						

PSYC 220 - Social Psychology

Social psychology is the study of social influence on behavior and cognition. Social psychology explores our relationships with others, our interdependency, and the mutual influence we have on one another. The course will cover concepts such as attitude formation, attitude change, prejudice, aggression, affiliation, obedience to authority, and conformity; special emphasis will be placed on fostering prosocial behavior and how our attitudes toward self and others are influenced by race, ethnicity, gender, age, religious beliefs, socioeconomic status, sexual orientation, and political beliefs. The course requires students to acquire a critical awareness of research methodology. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: PSYC 130

Outline (http://catalog.jccc.edu/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60592 001 F2F	-T-R---	03:00-05:30 PM	06/06/17-07/27/17	GEB 377	Ward A	Closed

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
60683 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 321	Graham L	Closed
60684 002 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 321	Graham L	Closed
60685 003 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CC 321	McCall S	Closed
60687 005 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 321	Steel S	Closed
60868 350 ONLINE	-----	-	06/05/17-07/27/17	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 lcreason@jccc.edu

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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60700 001 F2F	MTWR---	02:00-03:15 PM	06/05/17-07/27/17	CC 352	Hudson M	Closed
60701 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Boucher D	Closed
60702 352 ONLINE	-----	-	06/05/17-07/27/17	Online	Boucher D	Closed

Railroad Conductor

RRTC 123 - Introduction to Conductor Service

This is an introductory course for the conductor service option within the railroad operations program. Upon successful completion of this course, the student should be able to describe railroad organization and general operations, policies and practices to ensure railroad safety, and the basic responsibilities of conductors. 4 hrs. lecture, demonstration/wk.

Credit Hours: 4

Prerequisite: Admission to the JCCC railroad operations program conductor option, or JCCC NARS Director approval

[Outline \(http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_123\)](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60878 003 F2F	MTWRF--	08:00-05:00 PM	06/05/17-06/09/17	ITC 106	Brown T	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_175\)](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60879 003 F2F	MTWRF--	08:00-05:00 PM	06/12/17-06/16/17	ITC 106	Brown T	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_261\)](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_261)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60881 003 F2F	MTWRF--	08:00-05:00 PM	06/19/17-06/23/17	ITC 104	Brown T	Closed

SB 155 Excel in CTE

RRTC 263 - General Code of Operating Rules

Conductors must maintain a thorough understanding of the General Code of Operating Rules (GCOR). This course provides an in-depth study of the GCOR. Upon completion of this course, the student should be able to demonstrate abilities to apply the General Code of Operating Rules to safe and efficient train movement and operations. 4 hrs. lecture/wk. Selective admission program - see a counselor about special requirements.

Credit Hours: 4

Associated Costs: \$60

Prerequisite: Admission to the JCCC railroad operations program, conductor option, and JCCC NARS Director approval.

[Outline \(http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_263\)](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60883 003 F2F	MTWRF--	08:00-05:00 PM	07/03/17-07/14/17	ITC 106	Brown T Wiley K	Closed

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 \(http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267\)](http://catalog.jccc.edu/coursedescriptions/rrtc/#RRTC_267)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60882 383 HYB	MTWRF--	08:00-05:00 PM	06/26/17-06/30/17		Brown T Wiley K	Closed
	MTWRF--	-	06/26/17-09/22/17	Online		

SB 155 Excel in CTE

Sustainable Agriculture

SAG 276 - Sustainable Agriculture Summer 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 summer season. This includes planning, production and marketing of spring and summer crops and planning and production of fall crops in high tunnels and open field. 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 \(http://catalog.jccc.edu/coursedescriptions/sag/#SAG_276\)](http://catalog.jccc.edu/coursedescriptions/sag/#SAG_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60382 001 F2F	---R---	09:00-09:50 AM	06/08/17-07/27/17	HSC 121	Zimmermann C	Closed
	Lab ---R---	10:00-12:50 PM	06/08/17-07/27/17	HSC 124		

SB 155 Excel in CTE

Sociology

SOC 122 - Introduction to Sociology

Introduction to Sociology introduces students to sociology, the "science of society," and its approach to human social life. The course shows students how sociologists conduct research and describes the basic concepts and theories sociologists use to explain the social world. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/soc/#SOC_122)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60365 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	GEB 375	Divney J	Closed
60369 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 375	Divney J	Closed
60370 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	GEB 240	Zirkle B	Closed
60372 004 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	GEB 375	Spence J	Closed
60373 005 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 375	Whitman L	Closed
60374 006 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	GEB 375	Grinter B	Closed
60376 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Ketter T	Closed
60378 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Ketter T	Closed
60379 353 ONLNE	-----	-	06/05/17-07/27/17	Online	Harris M	Closed
60380 354 ONLNE	-----	-	06/05/17-07/27/17	Online	Ketter T	Closed

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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

60381 001 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	GEB 240	Zirkle B	Closed
60383 002 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	GEB 240	Petrovic U	Closed
60384 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Petrovic U	Closed
60385 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Seiler C	Closed

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
60525 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Galbrecht F	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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60386 001 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	GEB 375	Killeen J	Closed
60388 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Harris M	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
60722 001 F2F	M-W----	09:00-11:30 AM	06/05/17-07/26/17	OCB 144	Naeymi D	Closed
60724 003 F2F	-T-R---	09:00-11:30 AM	06/06/17-07/27/17	CC 128	Buta C	Closed
60726 005 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CC 324	Hoskins N	Closed
60728 350 ONLNE	-----	-	06/05/17-07/27/17	Online	Sewell E	Closed

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use D2L 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.

60729 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Sewell E	Closed
-----------------	-------	---	-------------------	--------	----------	--------

Note: SPD 120 351 is a completely online section; there are no campus meetings. Students will use D2L 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 121 - Public Speaking

This course is designed to meet the needs of people who wish to improve their ability to prepare and deliver effective oral presentations before an audience. This fundamental speech course emphasizes creation of ideas, research techniques, outlining, audience analysis, organization and delivery techniques. Students will deliver a variety of speech types including informative and persuasive. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to \$10

[Outline \(http://catalog.jccc.edu/coursedescriptions/spd/#SPD_121\)](http://catalog.jccc.edu/coursedescriptions/spd/#SPD_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60730 001 F2F	MTWR---	08:00-09:15 AM	06/05/17-07/27/17	CC 216	Mohr M	Closed
60731 002 F2F	MTWR---	09:30-10:45 AM	06/05/17-07/27/17	CC 216	Mohr M	Closed
60732 003 F2F	MTWR---	11:00-12:15 PM	06/05/17-07/27/17	CC 216	Rose S	Closed
60733 004 F2F	MTWR---	12:30-01:45 PM	06/05/17-07/27/17	CC 216	Rose S	Closed
60734 005 F2F	M-W----	09:30-12:00 PM	06/05/17-07/26/17	CC 312	Stout D	Closed
60735 006 F2F	M-W----	12:30-03:00 PM	06/05/17-07/26/17	CC 312	Stout D	Closed
60736 007 F2F	M-W----	12:30-03:00 PM	06/05/17-07/26/17	GEB 311	Naeymi D	Closed
60737 008 F2F	M-W----	02:00-04:30 PM	06/05/17-07/26/17	CC 331	Hilton M	Closed
60739 010 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CC 216	Rose T	Closed
60740 011 F2F	M-W----	06:00-08:30 PM	06/05/17-07/26/17	CC 325	Patrick B	Closed
60741 012 F2F	-T-R---	09:30-12:00 PM	06/06/17-07/27/17	CC 312	Coupe K	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
60742 013 F2F	-T-R---	12:30-03:00 PM	06/06/17-07/27/17	CC 312	Coupe K	Closed
60743 014 F2F	-T-R---	02:00-04:30 PM	06/06/17-07/27/17	CC 331	Hilton M	Closed
60746 017 F2F	-T-R---	06:00-08:30 PM	06/06/17-07/27/17	CC 329	Heapes T	Closed
60747 101 F2F	MTWR---	08:00-10:30 AM	06/05/17-06/29/17	CC 331	Craig B	Closed
60748 102 F2F	MTWR---	09:00-11:30 AM	06/05/17-06/29/17	CC 318	Schrag C	Closed
60749 103 F2F	MTWR---	11:00-01:30 PM	06/05/17-06/29/17	CC 331	Craig B	Closed
60750 104 F2F	MTWR---	12:00-02:30 PM	06/05/17-06/29/17	CC 318	Schrag C	Closed
60751 105 F2F	MTWR---	06:00-08:30 PM	06/05/17-06/29/17	CC 331	Schaefer M	Closed
60752 106 F2F	MTWR---	08:00-10:30 AM	07/03/17-07/27/17	CC 331	Fagan M	Closed
60755 109 F2F	MTWR---	12:00-02:30 PM	07/03/17-07/27/17	CC 128	Buta C	Closed
60757 376 HYB	-----	-	06/05/17-07/27/17	Online	Sewell E	Closed
	-T-----	09:00-11:45 AM	06/13/17-06/13/17	CC 325		
	-T-----	09:00-11:45 AM	06/27/17-06/27/17	CC 325		
	-T-----	09:00-11:45 AM	07/11/17-07/11/17	CC 325		
	-T-----	09:00-11:45 AM	07/25/17-07/25/17	CC 325		

Mandatory Classroom Meetings

Note: SPD 121 376 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L 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 (dates listed above). The course will be available on D2L the first day of class, June 5, 2017. You must log into the course via D2L to get started. For more information, contact the instructor, Emily Sewell at esewell2@jccc.edu or 913-469-8500, ext. 5336

60759 378 HYB	-----	-	06/05/17-07/27/17	Online	Hubbard S	Closed
	--W----	09:00-11:45 AM	06/21/17-06/21/17	CC 325		
	--W----	09:00-11:45 AM	07/05/17-07/05/17	CC 325		
	--W----	09:00-11:45 AM	07/19/17-07/19/17	CC 325		
	--W----	09:00-11:45 AM	07/26/17-07/26/17	CC 325		

Mandatory Classroom Meetings

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 D2L 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.

60760 379 HYB	-----	-	06/05/17-07/27/17	Online	Hubbard S	Closed
	--W----	12:00-02:45 PM	06/21/17-06/21/17	CC 325		
	--W----	12:00-02:45 PM	07/05/17-07/05/17	CC 325		
	--W----	12:00-02:45 PM	07/19/17-07/19/17	CC 325		
	--W----	12:00-02:45 PM	07/26/17-07/26/17	CC 325		

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

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 D2L 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.

60761 380 HYB	-----	-	06/05/17-07/27/17	Online	Vasquez A	Closed
	--W----	03:00-05:45 PM	06/21/17-06/21/17	CC 318		
	--W----	03:00-05:45 PM	07/05/17-07/05/17	CC 318		
	--W----	03:00-05:45 PM	07/19/17-07/19/17	CC 318		
	--W----	03:00-05:45 PM	07/26/17-07/26/17	CC 318		

Mandatory Classroom Meetings

Note: SPD 121 380 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L 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.

60762 381 HYB	-----	-	06/05/17-07/27/17	Online	Vasquez A	Closed
	--W----	06:00-08:45 PM	06/21/17-06/21/17	CC 318		
	--W----	06:00-08:45 PM	07/05/17-07/05/17	CC 318		
	--W----	06:00-08:45 PM	07/19/17-07/19/17	CC 318		
	--W----	06:00-08:45 PM	07/26/17-07/26/17	CC 318		

Mandatory Classroom Meetings

Note: SPD 121 381 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L 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.

60763 382 HYB	-----	-	06/05/17-07/02/17	Online	Easley-Giraldo T	Closed
	---R---	09:00-11:45 AM	06/08/17-06/08/17	CC 325		
	---R---	09:00-11:45 AM	06/15/17-06/15/17	CC 325		
	---R---	09:00-11:45 AM	06/22/17-06/22/17	CC 325		
	---R---	09:00-11:45 AM	06/29/17-06/29/17	CC 325		

Mandatory Classroom Meetings

Note: SPD 121 382 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L 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 D2L on the first day of class. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu

60764 383 HYB	-----	-	06/05/17-07/02/17	Online	Easley-Giraldo T	Closed
	---R---	12:30-03:15 PM	06/08/17-06/08/17	CC 325		
	---R---	12:30-03:15 PM	06/15/17-06/15/17	CC 325		
	---R---	12:30-03:15 PM	06/22/17-06/22/17	CC 325		
	---R---	12:30-03:15 PM	06/29/17-06/29/17	CC 325		

Mandatory Classroom Meetings

Note: SPD 121 383 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use D2L 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 D2L on the first day of class. For more information, please contact the instructor, Terri Easley-Giraldo at teasley3@jccc.edu

CRN	Days	Time	Date	Location	Instructor	Seats Open
60765 384 HYB	-----	-	06/05/17-07/02/17	Online	Stanley J	Closed
	---R---	12:00-02:45 PM	06/08/17-06/08/17	GEB 342		
	---R---	12:00-02:45 PM	06/15/17-06/15/17	GEB 342		
	---R---	12:00-02:45 PM	06/22/17-06/22/17	GEB 342		
	---R---	12:00-02:45 PM	06/29/17-06/29/17	GEB 342		

Mandatory Classroom Meetings

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 D2L 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. An email 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, Justin Stanley, at 913-469-8500, ext. 3909, or at jstanl26@jccc.edu.

60766 385 HYB	-----	-	06/05/17-07/02/17	Online	Stanley J	Closed
	---R---	03:00-05:45 PM	06/08/17-06/08/17	GEB 342		
	---R---	03:00-05:45 PM	06/15/17-06/15/17	GEB 342		
	---R---	03:00-05:45 PM	06/22/17-06/22/17	GEB 342		
	---R---	03:00-05:45 PM	06/29/17-06/29/17	GEB 342		

Mandatory Classroom Meetings

Note: SPD 121 385 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L 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. An email 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, Justin Stanley, at 913-469-8500, ext. 3909, or at jstanl26@jccc.edu.

60767 386 HYB	-----	-	06/05/17-07/02/17	Online	Dillavou T	Closed
	---R---	06:00-08:45 PM	06/08/17-06/08/17	CC 325		
	---R---	06:00-08:45 PM	06/15/17-06/15/17	CC 325		
	---R---	06:00-08:45 PM	06/22/17-06/22/17	CC 325		
	---R---	06:00-08:45 PM	06/29/17-06/29/17	CC 325		

Mandatory Classroom Meetings

Note: This section of SPD 121 is a hybrid course that incorporates the same content and expectations as a traditional on-campus course. Students will use D2L 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. This course will be available the first day of classes. For more information, contact the instructor, Traci Dillavou at tdillavo@jccc.edu

60768 387 HYB	-----	-	07/03/17-07/27/17	Online	Welsch L	Closed
	---R---	09:00-11:45 AM	07/06/17-07/06/17	CC 325		
	---R---	09:00-11:45 AM	07/13/17-07/13/17	CC 325		
	---R---	09:00-11:45 AM	07/20/17-07/20/17	CC 325		
	---R---	09:00-11:45 AM	07/27/17-07/27/17	CC 325		

Mandatory Classroom Meetings

Note: SPD 121 387 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use D2L 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, Lindsey Welsch, at 913-469-8500, ext. 5323, or at lwelsch@jccc.edu.

60770 389 HYB	-----	-	07/03/17-07/27/17	Online	Welsch L	Closed
	---R---	12:00-02:45 PM	07/06/17-07/06/17	CC 325		
	---R---	12:00-02:45 PM	07/13/17-07/13/17	CC 325		

CRN	Days	Time	Date	Location	Instructor	Seats Open
	---R---	12:00-02:45 PM	07/20/17-07/20/17	CC 325		
	---R---	12:00-02:45 PM	07/27/17-07/27/17	CC 325		
<i>Mandatory Classroom Meetings</i>						
60771 390 HYB	-----	-	07/03/17-07/27/17	Online	Dillavou T	Closed
	---R---	06:00-08:45 PM	07/06/17-07/06/17	CC 325		
	---R---	06:00-08:45 PM	07/13/17-07/13/17	CC 325		
	---R---	06:00-08:45 PM	07/20/17-07/20/17	CC 325		
	---R---	06:00-08:45 PM	07/27/17-07/27/17	CC 325		

Mandatory Classroom Meetings

Note: This section of SPD 121 is a hybrid course that incorporates the same content and expectations as a traditional on-campus course. Students will use D2L 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. This course will be available the first day of classes. For more information, contact the instructor, Traci Dillavou at tdillavo@jccc.edu

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
60772 350 ONLINE	-----	-	06/05/17-07/27/17	Online	Gibbens M	Closed
Note: For more information, contact the instructor, Meridith Gibbens at mgibbens@jccc.edu .						
60915 351 ONLINE	-----	-	06/05/17-07/27/17	Online	Welsch L	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)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
-----	------	------	------	----------	------------	------------

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
60199 001 F2F	-T-R---	03:00-05:50 PM	06/06/17-07/27/17	CC BLBOX	Noble T	Closed

THEA 131 - Voice and Speech

The student will develop techniques to expand breath support, vocal range and dynamics; learn precise articulation; and strengthen the connection between thought and sound. Through the use of exercises to free, develop and strengthen the voice, the student will be better able to communicate the full range of human emotion and all the nuances of thought. Skills acquired in this course are essential for actors, broadcast journalists, educators and other public speakers. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

Credit Hours: 3

Outline (http://catalog.jccc.edu/coursedescriptions/thea/#THEA_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60200 201 F2F	MTWR---	12:00-02:30 PM	07/03/17-07/27/17	CC BLBOX	Stackhouse R	Closed

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

Associated Costs: \$50 to \$75

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60787 350 ONLINE	-----	-	06/05/17-07/27/17	Online	Maxwell M	Closed

CRN	Days	Time	Date	Location	Instructor	Seats Open
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						
60788 351 ONLNE	-----	-	06/05/17-07/27/17	Online	Hopper J	Closed
<i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						
60886 352 ONLNE	-----	-	06/05/17-07/27/17	Online	Hanna A	Closed
<i>Accelerating Opportunity KS</i> <i>SB 155 Excel in CTE</i>						

WEB 114 - Web Scripting: JavaScript I

Students will study the purpose for and principles of client-side scripting using JavaScript. Topics include JavaScript variables, operators, expressions, functions, control structures, arrays and event listeners. Students will use professional techniques to write and debug code. JavaScript security issues will be explored. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$50 to \$75

Prerequisite or corequisite: WEB 110

Outline (http://catalog.jccc.edu/coursedescriptions/web/#WEB_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60789 376 HYB	--W----	05:00-06:50 PM	06/07/17-07/26/17	RC 323	Meigs R	Closed
	-----	-	06/07/17-07/26/17	Online		
<i>Mandatory Classroom Meetings</i> <i>SB 155 Excel in CTE</i> <i>Accelerating Opportunity KS</i>						

WEB 116 - Digital Media Concepts

This course examines the digital media creation process and the impact of emerging technology on that process. Emphasis is placed on the need to understand target audiences, as well as the impact of content on those audiences. Creative culture is examined so students may begin to understand the relationship between ideas and the structure and management of the organizations and intellectual property systems used to express those ideas. 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
60790 001 F2F	-T-R---	05:30-08:20 PM	06/06/17-07/06/17	RC 323	Nord E	Closed

CRN**Days****Time****Date****Location****Instructor****Seats Open***Accelerating Opportunity KS*

Promoted Searches

- [Winter Session Classes \(/class/results/term_type/Credit?query=keywords%3Awinter&ecid=featured\)](/class/results/term_type/Credit?query=keywords%3Awinter&ecid=featured)
- [Online Classes \(/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLNE?ecid=featured\)](/class/results/term_type/Credit/section_status/OPEN/section_delivery_method/ONLNE?ecid=featured)
- [Evening Classes \(/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured\)](/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured)
- [Classes Starting Soon \(/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured\)](/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured)
- [Kansas State Bill 155 Classes \(/class/results/term_type/Credit?query=keywords%3As155&ecid=featured\)](/class/results/term_type/Credit?query=keywords%3As155&ecid=featured)
- [Short-term Classes \(/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured\)](/class/results/term_type/Credit?query=keywords%3Ashortterm&ecid=featured)
- [Two x 2 x 2 Classes \(/class/results/term_type/Credit?query=keywords%3A2x2&ecid=featured\)](/class/results/term_type/Credit?query=keywords%3A2x2&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.

© Johnson County Community College

[JCCC Home \(http://jccc.edu\)](http://jccc.edu) [Consumer Information \(http://www.jccc.edu/consumer-information\)](http://www.jccc.edu/consumer-information) [Accessibility \(http://www.jccc.edu/accessibility\)](http://www.jccc.edu/accessibility) [Non-Discrimination \(http://www.jccc.edu/non-discrimination\)](http://www.jccc.edu/non-discrimination)
[Privacy \(http://www.jccc.edu/privacy\)](http://www.jccc.edu/privacy) [Terms of Use \(http://www.jccc.edu/terms-of-use\)](http://www.jccc.edu/terms-of-use) [Copyright \(http://www.jccc.edu/copyright\)](http://www.jccc.edu/copyright)

