

Credit Summer 2014

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Advanced Search (/student/ClassSearch/class/search/advanced/yes/term_type/Credit/term_code/201406)

Credit Summer 2014

Note! Enrollment for summer classes begins on April 7 at 8:00 a.m. Enrollment for CNA courses begins at 8:00 a.m. on April 8. The payment deadline for summer courses is May 27.

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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60632 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	50 of 50

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. This course does not fulfill degree requirements and is not federal aid eligible. 16 hrs./semester

Credit Hours: 3

Associated Costs: \$2 to 5

Outline (http://catalog.jccc.edu/spring/coursedescriptions/aac#AAC_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60633 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	100 of 100

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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60634 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	50 of 50

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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60635 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	75 of 75

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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60636 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	50 of 50

AAC 114 - Chemistry Preparation

This self-instructional course is designed for students who need to learn or review the basic chemistry concepts. 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 chemical symbols and formulas, valences, chemical equations, the metric system, units and dimensions, temperature, numbers in exponent form, significant figures, electrical charges, acids, bases, salts and solubility. An Academic Achievement Center instructor is available to work with the student to establish specific instructional goals, administer tests and provide individualized instruction needed to complete the student's program. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/aac/#AAC_114\)](http://catalog.jccc.edu/spring/coursedescriptions/aac/#AAC_114)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60637 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	50 of 50

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. This course does not fulfill degree requirements and is not federal aid eligible. 20 hrs./semester

Credit Hours: 1

Associated Costs: \$2 to 5

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60638 001 IND	-----	-	06/02/14-07/24/14	OCB 304	Merritt J	50 of 50

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/spring/coursedescriptions/aac/#AAC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60639 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hanyasz S	20 of 20

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/spring/coursedescriptions/aac/#AAC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60631 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 238	Frigault R	30 of 30

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/spring/coursedescriptions/acct#ACCT_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60004 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Farmer C	20 of 20
Kansas State Bill 155						
60005 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Farmer C	20 of 20
Kansas State Bill 155						

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/spring/coursedescriptions/acct#ACCT_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60006 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 254	Forbes H	30 of 30
Kansas State Bill 155						
60007 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 254	Forbes H	30 of 30
Kansas State Bill 155						
60008 003 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 254	Holbrook C	30 of 30
Kansas State Bill 155						
60009 004 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 254	Marmon C	30 of 30
Kansas State Bill 155						

60010	350	ONLNE	-----	-	06/02/14-07/24/14	Online	Krug D	20 of 20
Kansas State Bill 155								
60011	351	ONLNE	-----	-	06/02/14-07/24/14	Online	Krug D	20 of 20
Kansas State Bill 155								
60012	352	ONLNE	-----	-	06/02/14-07/24/14	Online	Krug D	20 of 20
Kansas State Bill 155								
60013	353	ONLNE	-----	-	06/02/14-07/24/14	Online	Spoolstra A	20 of 20
Kansas State Bill 155								
60014	354	ONLNE	-----	-	06/02/14-07/24/14	Online	Spoolstra A	20 of 20
Kansas State Bill 155								

ACCT 122 - Accounting II

This course is a continuation of ACCT 121. Upon successful completion of this course, the student should be able to prepare and use financial statements with increased emphasis on interpretation and use of accounting data peculiar to partnerships, corporations and manufacturing firms. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 121

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

CRN	Days	Time	Date	Location	Instructor	Seats Open		
60015	001	F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 256	Megariss M	30 of 30
Kansas State Bill 155								
60016	002	F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 256	Easton W	30 of 30
Kansas State Bill 155								
60017	350	ONLNE	-----	-	06/02/14-07/24/14	Online	Cole L	20 of 20
Kansas State Bill 155								
60018	351	ONLNE	-----	-	06/02/14-07/24/14	Online	Cole L	20 of 20
Kansas State Bill 155								
60019	352	ONLNE	-----	-	06/02/14-07/24/14	Online	Cole L	20 of 20
Kansas State Bill 155								

ACCT 135 - Computerized Accounting Applications

Upon successful completion of this course, a student will be able to use the microcomputer to create a chart of accounts, accounts receivable and payable subsidiary ledgers, transaction journals, general ledgers, financial statements, reports and forecasts. 3 hrs./wk.

Credit Hours: 3

Prerequisite: ACCT 121 or ACCT 111

Outline (http://catalog.jccc.edu/spring/coursedescriptions/acct/#ACCT_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60020 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Silverstein J	20 of 20
Kansas State Bill 155						

ACCT 222 - Managerial Accounting

Upon completion of this course, the student should 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./wk.

Credit Hours: 3

Prerequisite: ACCT 122

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60057 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 363	Wayne A	20 of 20
Kansas State Bill 155						
60021 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 363	Henn R	20 of 20
Kansas State Bill 155						
60022 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Cordes S	20 of 20
Kansas State Bill 155						
60023 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Cordes S	20 of 20
Kansas State Bill 155						
60024 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Cordes S	20 of 20
Kansas State Bill 155						

Administration of Justice

ADMJ 121 - Introduction to Administration of Justice

This course provides a detailed description of the components of the American criminal justice system: police, courts and corrections. Students utilize critical thinking skills to discern the balance between individual rights and public order as it pertains to the criminal justice process. Students demonstrate knowledge of criminal justice processes

through examinations, assigned papers and reports. Additionally, students are required to participate in field and classroom experiences designed to explore the various career opportunities within the criminal justice system. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60266 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	PA 133	Galbrecht F	32 of 32
Kansas State Bill 155						
60267 350 ONLINE	-----	-	06/02/14-07/24/14	Online	King K	25 of 25
Kansas State Bill 155						

ADMJ 124 - Criminal Justice and Corrections

This course will explore the correctional system and trace the evolution of criminal sanctions from early English common law to the present. An examination of local, state, and federal correctional systems will provide an overview of society's response to criminal behavior. Students will be introduced to a detailed examination of jails, prisons, and community corrections. 3 hrs. lecture/ wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60268 350 ONLINE	-----	-	06/02/14-07/24/14	Online	King K	25 of 25
Kansas State Bill 155						

ADMJ 127 - Criminology

This class will explore various explanations for criminal behavior including choice, biosocial, psychological, social structure and social process theories. Society's responses to crime will also 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/spring/coursedescriptions/admj/#ADMJ_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60269 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Galbrecht F	25 of 25
Kansas State Bill 155						

ADMJ 285 - Administration of Justice Internship

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

Credit Hours: 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60270 500 INT	-----	-	06/02/14-07/24/14		King K	5 of 5

Kansas State Bill 155

Requirement: Department approval

Animation

ANI 123 - Concept Art for Animation

This basic concept art course is designed for graphic artists, animators, and game artists. Students will study basic and advanced drawing elements and principles. Students will produce conceptual artwork used in animation, graphic arts and gaming, including realistic and cartoon character design, vehicles, architecture, and landscape environments. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60727 001 F2F	MTWR---	09:00-11:50 AM	06/02/14-07/24/14	RC 361	Garrison A	17 of 17

ANI 125 - Introduction to 2D Animation

In this course students will learn all aspects of traditional 2D animation, including flipbook, cell, puppet and claymation. Students will create a 2D character, write a story, fabricate a simple puppet and take it through a series of exercises. Experimental animation will be integrated into the course using paper cutouts, replacement animation and stop motion. 6 hrs. integrated lecture studio/wk.

Credit Hours: 3

Prerequisite or Corequisite: ANI 123

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60710 001 F2F	MTWR---	12:00-02:50 PM	06/02/14-07/24/14	RC 311	Kimball L	15 of 15

Kansas State Bill 155

ANI 250 - Game Art Assets

This course provides an introduction to making game art assets, and animations for next generation games. Students create high polygon, and low polygon gaming models of characters, land and air based vehicles, weapons, ammunition, health items, armor, power-ups and other model assets used in game play. Students create textures, rigging, light assets, animations, and export them into an existing game engine. 6 hrs. integrated lecture-studio/wk.

Credit Hours: 3

Prerequisite or Corequisite: CDTP 135

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ani/#ANI_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60729 001 F2F	MTWR---	09:00-11:50 AM	06/02/14-07/24/14	RC 311	Byers J	15 of 15

Kansas State Bill 155

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/spring/coursedescriptions/anth/#ANTH_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60498 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 338	Huber-Smith M	35 of 35
60499 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 338	Michaels D	35 of 35
60500 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Huber-Smith M	25 of 25

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/spring/coursedescriptions/anth/#ANTH_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60503 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 338	Huber-Smith M	35 of 35

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/spring/coursedescriptions/anth/#ANTH_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60504 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Raab A	25 of 25

ANTH 146 - Archaeology of Ancient North America

This course is an introduction to the indigenous peoples and cultures of ancient North America. Drawing upon archaeological and anthropological perspectives, we will survey the culturally diverse and environmentally complex continent from the first Ice Age peoples through the earliest interactions with Europeans. Key theoretical issues considered in this course include human-environmental interaction, the emergence of complexity, warfare, ritual and religion, trade, and identity. Finally, we will explore how new archaeological evidence and contemporary approaches have changed our perspectives on the peoples and lifeways of ancient North America and impacted our ethical responsibilities to their descendants. 3hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/anth/#ANTH_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Requirement: Department approval

ANTH 205 - Archaeological Field Methods

This course is a practicum of archaeological field methods and techniques. The fundamental principles of archaeological research will be considered. Students will create and implement their own research design in the context of on-going investigations. Emphasis will be placed on practicing the essential skills needed to conduct archaeological research. 160 integrated lecture lab hrs./semester

Credit Hours: 5

Outline (http://catalog.jccc.edu/spring/coursedescriptions/anth/#ANTH_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60728 975 TRV	-----	-	06/02/14-07/24/14		Moran S	8 of 8

Requirement: Department approval

Architecture

ARCH 120 - Introduction to Architecture

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

Credit Hours: 3

Associated Costs: \$50 to 100

Outline (http://catalog.jccc.edu/spring/coursedescriptions/arch/#ARCH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60058 001 F2F	MTWR---	09:00-10:15 AM	06/02/14-07/24/14	ITC 134	Miller J	12 of 12

Kansas State Bill 155

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/spring/coursedescriptions/art/#ART_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60535 001 F2F	MTWR---	03:00-05:50 PM	06/02/14-07/24/14	LIB 342	TBA	18 of 18

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/spring/coursedescriptions/art/#ART_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60505 001 F2F	MTW----	08:00-11:50 AM	06/02/14-07/23/14	ATB 109	Kligman M	22 of 22
60506 002 F2F	MTW----	06:00-09:50 PM	06/02/14-07/23/14	ATB 109	Stewart M	22 of 22

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/spring/coursedescriptions/art/#ART_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60507 001 F2F	MTW----	06:00-09:50 PM	06/02/14-07/23/14	ATB 109	Stewart M	22 of 22

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/spring/coursedescriptions/art/#ART_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60508 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 101	Carroll J	20 of 20

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/spring/coursedescriptions/art/#ART_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60509 001 F2F	MTW----	08:00-11:50 AM	06/02/14-07/23/14	ATB 111	Haney N	15 of 15
60510 002 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 111	Whittier C	15 of 15

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/spring/coursedescriptions/art/#ART_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60511 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 111	Whittier C	15 of 15

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/spring/coursedescriptions/art/#ART_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60512 001 F2F	MTW----	08:00-11:50 AM	06/02/14-07/23/14	ATB 115	Sandoval A	15 of 15

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/spring/coursedescriptions/art/#ART_146)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60513 001 F2F	MTW----	08:00-11:50 AM	06/02/14-07/23/14	ATB 115	Sandoval A	15 of 15

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/spring/coursedescriptions/art/#ART_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60519 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 115	Pener S Robertson R	15 of 15

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/spring/coursedescriptions/art/#ART_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60520 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 115	Pener S Robertson R	15 of 15

ART 231 - Life Drawing I

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

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 130

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60521 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 109	Kira K	22 of 22

ART 232 - Life Drawing II

This course is an intermediate investigation of drawing from the human form. This class is for students wanting to concentrate on figure drawing beyond Life Drawing I. 6 hrs. integrated lecture/studio/wk.

Credit Hours: 3

Associated Costs: \$100 to 200

Prerequisite: ART 231

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60522 001 F2F	MTW----	01:00-04:50 PM	06/02/14-07/23/14	ATB 109	Kira K	22 of 22

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/spring/coursedescriptions/arth/#ARTH_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60528 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 352	DiCamillo R	35 of 35
60529 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Newlands J	25 of 25

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60530 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Newlands J	25 of 25

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/spring/coursedescriptions/arth/#ARTH_184)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60531 001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 352	Zell V	35 of 35
60532 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Smith A	25 of 25
60533 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Smith A	25 of 25

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/spring/coursedescriptions/arth/#ARTH_186)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60534 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Dolemba M	25 of 25

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/spring/coursedescriptions/asl/#ASL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60580 001 F2F	MTW----	08:00-11:05 AM	06/02/14-07/23/14	GEB 215	Kuhns K	15 of 15

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/spring/coursedescriptions/asl/#ASL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60581 001 F2F	MTW----	06:00-09:05 PM	06/02/14-07/23/14	GEB 215	Symansky R	15 of 15

Kansas State Bill 155

Note: Until May 12, 2014, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 12, 2014, anyone may enroll if there are seats available.

Requirement: Department approval

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 Web sites is available to students in this course. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/astr/#ASTR_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60433 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Koch W	24 of 24

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 two weeks 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 with an approved proctor.

60434 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Koch W	24 of 24
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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 two weeks 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 with an approved proctor.

ASTR 122 - Astronomy

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

Credit Hours: 4

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60435 001 F2F	M-W----	09:00-10:50 AM	06/02/14-07/23/14	CLB 411	Koch W	24 of 24
	-T-R---	09:00-09:50 AM	06/03/14-07/24/14	CLB 411		
Lab	-T-R---	10:00-11:50 AM	06/03/14-07/24/14	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. The student will be required to provide American National Standards Institute (ANSI) Z87 safety glasses and is expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$40 to 300

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_125\)](http://catalog.jccc.edu/spring/coursedescriptions/auto/#AUTO_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60860 376 HYB	M-W----	12:45-02:50 PM	06/02/14-07/23/14	ATB 129	TBA	15 of 15
	M-W----	03:00-06:15 PM	06/02/14-07/23/14	ATB 190		

Kansas State Bill 155

AUTO 156 - Electrical I

Students will complete service work orders; describe the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults; identify basic wiring diagram symbols, components, and legend information; perform basic electrical circuit measurements using a DVOM; describe basic circuit characteristics of series, parallel and series parallel circuits through a variety of classroom and shop learning and assessment activities. 2 hrs. lecture, 3 hrs. instructional lab/wk.

Credit Hours: 3

Associated Costs: \$0 to 400

Prerequisite or corequisite: AUTO 125

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60861 001 F2F	-T-R---	12:45-02:50 PM	06/03/14-07/24/14	ATB 129	TBA	18 of 18
	-T-R---	03:00-06:15 PM	06/03/14-07/24/14	ATB 182		

Kansas State Bill 155

AUTO 165 - Automotive Engine Repair

Upon successful completion of this course, the student should be able to demonstrate an understanding of the four-stroke cycle internal combustion engine. Students should be able to diagnose and repair cylinder heads and cylinder block assemblies to include lubrication and cooling systems. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 2 hrs. lecture, 6 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$0 to 1500

Prerequisite or corequisite: AUTO 125 or department approval

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60862 376 HYB	MTWR---	08:00-09:05 AM	06/02/14-07/24/14	ATB 129	TBA	15 of 15
	MTWR---	09:15-12:45 PM	06/02/14-07/24/14	ATB 185		

Kansas State Bill 155

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/spring/coursedescriptions/auto/#AUTO_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60863 500 INT	-----	-	06/02/14-07/24/14		TBA	3 of 3

Kansas State Bill 155

Requirement: Department approval

Cosmetology

AVCO 102 - 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 onychology examination. 350 contact hrs. For enrollment information, call 913-469-8500 ext. 2390.

Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 17

Associated Costs: \$145 to 150

Outline (http://catalog.jccc.edu/spring/coursedescriptions/avco/#AVCO_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60254 212 F2F	MTWRF--	08:00-05:00 PM	06/02/14-07/03/14	 WPK 108	Rodriguez C	6 of 6
	M-----	08:00-05:00 PM	07/07/14-08/04/14	 WPK 108		
	-TWRF--	08:00-05:00 PM	07/08/14-08/08/14	 WPK 101		

Kansas State Bill 155

AVCO 110 - Introduction to Cosmetology

This course provides skill instruction in shampooing, cutting, shaping, curling and coloring. Also included is curriculum from Nail Technology and Cosmetology Technician I and II. The first 500 contact hours are in the basic lab and the classroom without client contact. 500 contact hrs. For enrollment information, call 913-469-8500 ext. 2390. Enrollment

in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 21

Associated Costs: \$28 to 38

Prerequisite: Selective Admission Approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/avco/#AVCO_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60251 202 F2F	MTWRF--	08:00-05:00 PM	05/19/14-08/15/14	 WPK 133	Hinojosa M	12 of 12
	MTWRF--	08:00-05:00 PM	08/18/14-08/22/14	 WPK 101		

Kansas State Bill 155

AVCO 112 - Clinical Cosmetology

This course provides continuing skill instruction in shampooing, cutting, shaping, curling and coloring. Included is an introduction to client relations skills and sales promotion techniques. Instruction includes classroom and salon. Total 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext.2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500 ext. 2390.

Credit Hours: 12

Prerequisite: Selective Admission Approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/avco/#AVCO_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60252 202 F2F	MT-----	08:00-05:00 PM	05/19/14-08/12/14	 WPK 177	Hinojosa M	12 of 12
	--W-F--	08:00-05:00 PM	05/21/14-08/15/14	 WPK 101		
	---R---	11:00-08:00 PM	05/22/14-08/14/14	 WPK 101		
	MTWRF--	08:00-05:00 PM	08/18/14-08/22/14	 WPK 101		

Kansas State Bill 155

AVCO 114 - Advanced Cosmetology

This course provides advanced instruction in shampooing, cutting, shaping, curling and coloring. This course prepares the student for the Kansas State Board of Cosmetology examination. Total. 500 contact hrs. For enrollment and tuition information, call 913-469-8500, ext. 2390. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Note: For enrollment and tuition information, call 913-469-8500, ext. 2390.

Credit Hours: 12

Associated Costs: \$159

Prerequisites: AVCO 110 with a min grade of "C" or higher and selective admission approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/avco/#AVCO_114)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60253 202 F2F	M-----	08:00-05:00 PM	05/19/14-08/11/14	 WPK 129	McAnemey C Hinojosa M	14 of 14
	-TW-F--	08:00-05:00 PM	05/20/14-08/15/14	 WPK 101		
	---R---	11:00-08:00 PM	05/22/14-08/14/14	 WPK 101		
	MTWRF--	08:00-05:00 PM	08/18/14-08/22/14	 WPK 101		

Kansas State Bill 155

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. 45 contact hrs. 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/nursing/nurse-aide/>. Enrollment in this course requires a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses, and is due prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

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 a Compass reading test score of 64 or higher or an ACT Reading score of 19 or higher. All test scores must be current within the past two years.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60090 002 F2F	MTWR---	08:30-03:30 PM	06/02/14-06/26/14	 LCS 09	Schaffer B	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						
60091 003 F2F	MTWR---	08:00-03:30 PM	06/02/14-06/26/14	 OHEC 241	Reischman C	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						
60104 004 F2F	M-WR---	05:00-09:00 PM	06/02/14-07/24/14	 LCS 09	Pravecck C	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						
60105 005 F2F	--WR---	08:30-03:30 PM	06/04/14-07/24/14	 OHEC	Brown D	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						
60113 006 F2F	MTWR---	08:00-03:00 PM	06/30/14-07/24/14	 OHEC 233	Green S	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						
60114 007 F2F	MTWR---	08:30-03:30 PM	06/30/14-07/24/14	 LCS 09	Schaffer B	10 of 10
Kansas State Bill 155						
NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html) before April 8th to ensure enrollment.						
Requirement: unavailable						

Kansas State Bill 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 8th to ensure enrollment.

Requirement: unavailable

----- - 06/04/14-07/23/14 Online

Mandatory Classroom Meetings

Kansas State Bill 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 8th to ensure enrollment.

Requirement: unavailable

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

This 21-hour CNA refresher course provides classroom and laboratory experience to update the inactive CNA. The student will discuss the nurse aide's responsibility in the current health care system and the importance of resident rights. The student will demonstrate safety measures, infection control procedures, personal care skills, measurement of vital signs and transfers, positioning and turning. 21 contact hours. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . This course is not federal aid eligible.

Credit Hours: 1

Prerequisite: Kansas CNA Certification

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60250 111 F2F	-T-----	08:30-04:00 PM	07/01/14-07/15/14	 OHEC 235	Waechter J	20 of 20

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](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. For more information, go to <http://www.jccc.edu/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Credit Hours: 4

Associated Costs: \$20 to 110

Prerequisites: Appropriate Compass reading test score, and proof of Kansas CNA certification or having completed the state CNA examination and awaiting results. If CNA examination results are not satisfactory, the student must withdraw from the CMA course. Documentation of current TB skin test - negative results within the last year. Current CPR for Health Care Providers and Social Security card.

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60118 008 F2F	--W-F--	08:30-02:30 PM	06/04/14-07/23/14	 OHEC 209	Dillon E	10 of 10
	---R---	08:30-02:30 PM	07/24/14-07/24/14			

Kansas State Bill 155

NOTE: Registration for this course will not begin until 8:00 a.m., on Tuesday, April 8th. Students MUST view CNA Enrollment Tips

(<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html> (<http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html>)) before April 8th to ensure enrollment.

AVHO 108 - Certified Medication Aide Update (CMA-U)

This course meets the continuing education requirements for licensed Certified Medication Aides. The course includes review of commonly used drugs and their interactions with foods and other drugs. Also included are discussions of legal implications and regulations related to administration and record keeping, biological effects of medications on the elderly and a review of basic safety principles. 15 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/nursing/nurse-aide/index.html> (<http://www.jccc.edu/nursing/nurse-aide/index.html>) . This course is not federal aid eligible.

Note: Failure to comply with instructions listed on the Web page(s) will result in withdrawal from the class.

Credit Hours: 1

Associated Costs: \$20

Prerequisites: Proof of Kansas CMA certification and Proof of Kansas CNA Certification

Outline (http://catalog.jccc.edu/spring/coursedescriptions/avho/#AVHO_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60248 110 F2F	-----S-	08:30-04:30 PM	07/12/14-07/19/14	 OHEC 231	Wiley K	10 of 10

AVHO 115 - I V Therapy For LPNs

This course provides review of basic physiology of the circulatory system and instruction in principles of site selection for veins appropriate for I.V. therapy. This course meets the Kansas requirements for LPNs seeking certification in I.V. Therapy. 48 contact hrs. For additional information go to the [jccc.edu](http://www.jccc.edu) web page: click on classes; click on credit class search; click the semester; course prefix is AVHO Health Occupations. Click on CRN number for information. The credit reflected in this course is for transcript reporting, recording and transfer only. For more information, go to <http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html> (<http://www.jccc.edu/nursing/practicalnurse/iv-therapy.html>). Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. This course is not federal aid eligible.

Credit Hours: 3

Associated Costs: \$55

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60249 009 F2F	-T-R---	05:00-09:00 PM	06/10/14-07/17/14	 OHEC 235	Salmons N	15 of 15

Kansas State Bill 155

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/spring/coursedescriptions/biol/#BIOL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60436 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Berry S	24 of 24

Kansas State Bill 155

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/spring/coursedescriptions/biol/#BIOL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60437 001 F2F	M-W----	08:00-10:30 AM	06/02/14-07/23/14	CLB 314	Loring D	28 of 28
	Lab -T-----	08:00-09:50 AM	06/03/14-07/22/14	SCI 203		
	Lab ---R---	08:00-09:50 AM	06/05/14-07/24/14	SCI 207		
60438 002 F2F	M-W----	10:45-01:15 PM	06/02/14-07/23/14	CLB 314	Loring D	28 of 28
	Lab -T-----	10:00-11:50 AM	06/03/14-07/22/14	SCI 203		
	Lab ---R---	10:00-11:50 AM	06/05/14-07/24/14	SCI 207		
60439 003 F2F	M-W----	01:30-04:00 PM	06/02/14-07/23/14	CLB 314	O'Leary M	28 of 28
	Lab -T-----	01:00-02:50 PM	06/03/14-07/22/14	SCI 203		
	Lab ---R---	01:00-02:50 PM	06/05/14-07/24/14	SCI 207		
60440 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CLB 314	Dyke F	28 of 28
	Lab -T-----	06:00-07:50 PM	06/03/14-07/22/14	SCI 203		
	Lab ---R---	06:00-07:50 PM	06/05/14-07/24/14	SCI 207		
60441 005 F2F	Lab M-----	08:30-10:20 AM	06/02/14-07/21/14	SCI 203	Burgess K	28 of 28
	-T-R---	08:00-10:30 AM	06/03/14-07/24/14	CLB 314		
	Lab --W----	08:30-10:20 AM	06/04/14-07/23/14	SCI 207		
60442 006 F2F	Lab M-----	10:30-12:20 PM	06/02/14-07/21/14	SCI 203	Arico J	28 of 28
	-T-R---	10:45-01:15 PM	06/03/14-07/24/14	CLB 314		
	Lab --W----	10:30-12:20 PM	06/04/14-07/23/14	SCI 207		
60443 007 F2F	M-W----	10:00-12:30 PM	06/02/14-07/23/14	CLB 316	Finch D	28 of 28
	Lab M-----	01:00-02:50 PM	06/02/14-07/21/14	SCI 203		
	Lab --W----	01:00-02:50 PM	06/04/14-07/23/14	SCI 207		
60444 380 HYB	Lab M-----	03:00-04:50 PM	06/02/14-07/21/14	SCI 203	Decelles P	28 of 28
	-----	-	06/02/14-07/24/14	Online		
	Lab --W----	03:00-04:50 PM	06/04/14-07/23/14	SCI 207		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

60445	381 HYB	Lab	M-----	06:00-07:50 PM	06/02/14-07/21/14	SCI 203	Decelles P	28 of 28
			-----	-	06/02/14-07/24/14	Online		
		Lab	--W----	06:00-07:50 PM	06/04/14-07/23/14	SCI 207		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

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. BIOL 131 students must be currently enrolled in BIOL 130 or have successfully completed BIOL 130 within the last three years. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

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

CRN		Days	Time	Date	Location	Instructor	Seats Open
60446	001 F2F	M-W----	01:30-03:50 PM	06/02/14-07/23/14	SCI 124	Menzel J	24 of 24
60447	002 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 316	Layne R	24 of 24
60448	350 ONLNE	-----	-	06/02/14-07/24/14	Online	Williams D	24 of 24

Note: Students should contact the instructor one week prior to class beginning.

60449	351 ONLNE	-----	-	06/02/14-07/24/14	Online	Follo J	24 of 24
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Note: Students should contact the instructor one week prior to class beginning. All assignments and exams are submitted online. This section is intended for those students who are planning to major in early childhood or K-12 education. The course material is tailored towards formal and non-formal environmental education. Those students planning on pursuing a degree/certification other than in education should take a different section.

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/spring/coursedescriptions/biol/#BIOL_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60450 001 F2F	Lab -T-R---	06:00-07:50 PM	06/03/14-07/24/14	CLB 303	Brink M	24 of 24
60451 350 ONLINE	Lab -----	-	06/02/14-07/24/14	Online	Follo J	24 of 24

Note: Online BIOL 131 350 will require students have a computer and Internet access. This online lab requires access to a camera and the ability to load photos into the learning management system. There is a lab every week with some of the labs requiring students go to local areas to assess flora and fauna. The lab exams are given online.

BIOL 135 - Principles of Cell and Molecular Biology

This is an integrated lecture and laboratory course for biology majors and students planning to take additional courses in biology. Subjects covered include basic biochemistry, cell structure and function, cellular metabolism, Mendelian and molecular genetics, natural selection and evolution, cell physiology and development of plants and animals from the single-celled stage to the embryonic stage. 3 hrs. lecture, 2 hrs. lab/wk.

Credit Hours: 4

Outline (http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_135)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60453 001 F2F	M-W----	08:00-10:30 AM	06/02/14-07/23/14	RC 370	Kincaid M	24 of 24
	Lab -T-R---	08:00-09:50 AM	06/03/14-07/24/14	RC 345		
60454 002 F2F	M-W----	12:00-02:30 PM	06/02/14-07/23/14	RC 370	Jacobs R	24 of 24
	Lab -T-R---	12:00-01:50 PM	06/03/14-07/24/14	RC 345		
60455 003 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	RC 370	Arico J	24 of 24
	Lab -T-R---	06:00-07:50 PM	06/03/14-07/24/14	RC 345		
60456 380 HYB	-----	-	06/02/14-07/24/14	Online	Mulcahy E	24 of 24
	Lab -----S-	08:00-06:00 PM	06/07/14-06/07/14	RC 345		
	Lab -----S-	08:00-06:00 PM	06/28/14-06/28/14	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 \(http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_140\)](http://catalog.jccc.edu/spring/coursedescriptions/biol/#BIOL_140)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60457 001 F2F	MTWR---	09:00-11:50 AM	06/02/14-07/24/14	CLB 313	Makarov A	24 of 24
Kansas State Bill 155						
60458 002 F2F	MTWR---	12:00-02:50 PM	06/02/14-07/24/14	CLB 313	Makarov A	24 of 24
Kansas State Bill 155						
60459 003 F2F	MTWR---	02:00-04:50 PM	06/02/14-07/24/14	CLB 309	Witters L	24 of 24
Kansas State Bill 155						
60460 004 F2F	MTWR---	06:00-08:50 PM	06/02/14-07/24/14	CLB 309	Witters L	24 of 24
Kansas State Bill 155						
60464 005 F2F	MTWR---	11:00-01:50 PM	06/02/14-07/24/14	CLB 309	Lasley L	24 of 24
Kansas State Bill 155						
60461 200 F2F	MTWR---	11:00-01:50 PM	06/02/14-07/24/14	 OHEC 107	Sherry R	24 of 24
Kansas State Bill 155						
60462 201 F2F	MTWR---	02:00-04:50 PM	06/02/14-07/24/14	 OHEC 107	Sherry R	24 of 24
Kansas State Bill 155						
60463 202 F2F	MTWR---	06:00-08:50 PM	06/02/14-07/24/14	 OHEC 107	Lasley L	24 of 24
Kansas State Bill 155						

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/credit-enrollment/reading-readiness.html>)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60465 001 F2F	MTWR---	08:00-11:15 AM	06/02/14-07/24/14	SCI 103	Bishop D	24 of 24
Kansas State Bill 155						
60466 002 F2F	MTWR---	01:00-04:15 PM	06/02/14-07/24/14	SCI 103	Bishop D	24 of 24
Kansas State Bill 155						
60467 003 F2F	MTWR---	06:00-09:15 PM	06/02/14-07/24/14	SCI 103	Sullivan C	24 of 24
Kansas State Bill 155						
60468 004 F2F	MTWR---	09:00-12:15 PM	06/02/14-07/24/14	SCI 111	Andrews C	24 of 24
Mandatory Classroom Meetings Kansas State Bill 155 Note: Lab meetings are mandatory.						
60469 381 HYB	-----	-	06/02/14-07/24/14	Online	Shopper M Baumgardner B	24 of 24
	-T-----	05:00-08:50 PM	06/03/14-07/22/14	SCI 111		
Mandatory Classroom Meetings Kansas State Bill 155 Note: Lab meetings are mandatory.						
60470 382 HYB	-----	-	06/02/14-07/24/14	Online	Shopper M Baumgardner B	24 of 24
	--W----	05:00-08:50 PM	06/04/14-07/23/14	SCI 111		
Mandatory Classroom Meetings Kansas State Bill 155 Note: Lab meetings are mandatory.						

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/spring/coursedescriptions/biol/#BIOL_225)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60471 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Burgess K	24 of 24
Note: Exams are taken on campus at the JCCC Testing Center.						

60472 351 ONLINE ----- - 06/02/14-07/24/14 Online Pendergrass D 24 of 24

Note: Exams are taken on campus at the JCCC Testing Center.

60473 352 ONLINE ----- - 06/02/14-07/24/14 Online Pendergrass D 24 of 24

Note: Exams are taken on campus at the JCCC Testing Center.

60474 380 HYB M-W---- 01:00-03:50 PM 06/02/14-07/23/14 SCI 111 Menon J 24 of 24

----- - 06/02/14-07/24/14 Online

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

60475 381 HYB ----- - 06/02/14-07/24/14 Online Menon J 24 of 24

-T-R--- 01:00-03:50 PM 06/03/14-07/24/14 SCI 111

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

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.

Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 4

Prerequisite: BIOL 144 or BIOL 225

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60476 380 HYB	-----	-	06/02/14-07/24/14	Online	Clark M	24 of 24
	--W----	08:00-09:50 AM	06/04/14-07/23/14	CLB 309		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

60477 381 HYB ----- - 06/02/14-07/24/14 Online Clark M 24 of 24

-T----- 08:00-09:50 AM 06/03/14-07/22/14 CLB 309

Mandatory Classroom Meetings

Note: Lab meetings are mandatory.

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/spring/coursedescriptions/biol/#BIOL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60478 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	SCI 116	Oden J	24 of 24
60479 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	SCI 116	Cunningham J	24 of 24
60480 003 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	SCI 116	Hontz J	24 of 24
60481 004 F2F	MTWR---	06:00-07:15 PM	06/02/14-07/24/14	SCI 116	Bird M	24 of 24
60482 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Mulcahy E	24 of 24

Note: Exams will be taken at JCCC in the Testing Center.

60483 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Mulcahy E	24 of 24
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Note: Exams will be taken at JCCC in the Testing Center.

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/spring/coursedescriptions/biol/#BIOL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60484 001 F2F Lab	MTWR---	09:30-11:20 AM	06/02/14-07/24/14	SCI 113	Oden J	24 of 24
60485 002 F2F Lab	MTWR---	11:30-01:20 PM	06/02/14-07/24/14	SCI 113	Cunningham J	24 of 24
60486 003 F2F Lab	MTWR---	02:00-03:50 PM	06/02/14-07/24/14	SCI 113	Bird M	24 of 24

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 Pre/Co-requisite: BIOL 225)]

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60488 001 F2F	M-W----	05:00-07:50 PM	06/02/14-07/23/14	SCI 124	Berry S	24 of 24
Kansas State Bill 155						
60489 002 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	CLB 314	Riley M	24 of 24
Kansas State Bill 155						
60490 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Berry S	24 of 24
Kansas State Bill 155						
60491 351 ONLNE	-----	-	06/02/14-07/24/14	Online	Berry S	24 of 24
Kansas State Bill 155						

BIOL 240 - General Pharmacology

This course provides a basic understanding of the science of drugs-how they work and what they do. Students will study various drug concepts including mechanism of action, pharmacologic class, pharmaco-kinetics, pharmacodynamics and clinical implications. 3 hrs. lecture/wk. Spring.

Credit Hours: 3

Prerequisite: BIOL 225

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60492 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Baumgardner B	24 of 24
Kansas State Bill 155						

Note: Students will be required to take course tests in the JCCC Testing Center, third floor of the SC building, room 334.

Biotechnology

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

BIOT 160 - Introduction to Biotechnology

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

Credit Hours: 2

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60493 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Seitz H	16 of 16

Kansas State Bill 155

BIOT 165 - Laboratory Safety

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

Credit Hours: 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60494 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Seitz H	16 of 16

Kansas State Bill 155

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60495 500 INT	-----	-	06/02/14-07/24/14		Wolfgram L	4 of 4

Kansas State Bill 155

Requirement: Department approval

Business Office Technology

BOT 101 - Computerized Keyboarding

Upon successful completion of this course, the student should be able to operate a computer keyboard by touch to enter data with speed and accuracy. 1 hr./wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bot/#BOT_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60775 001 F2F	-T-----	06:00-08:40 PM	06/03/14-07/01/14	GEB 351B	Horne S	12 of 12
60776 002 F2F	--W----	06:00-08:40 PM	06/04/14-07/02/14	GEB 351B	Horne S	12 of 12

Business

BUS 121 - Introduction to Business

Upon successful completion of this course, the student should be able to explain the basic principles of the American free enterprise economic system. In addition, the student should be able to explain the fundamentals of starting a business and the interrelationship among the four functional areas: accounting, finance, management and marketing. 3 hrs. lecture/wk.

Credit Hours: 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60025 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	OCB 248	Fleming S	30 of 30
Kansas State Bill 155						
60026 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Gallagher K	20 of 20
Kansas State Bill 155						
60027 351 ONLNE	-----	-	06/02/14-07/24/14	Online	Gallagher K	20 of 20
Kansas State Bill 155						
60028 352 ONLNE	-----	-	06/02/14-07/24/14	Online	Gallagher K	20 of 20
Kansas State Bill 155						
60029 353 ONLNE	-----	-	06/02/14-06/26/14	Online	Noel M	20 of 20
Kansas State Bill 155						

BUS 123 - Personal Finance

Upon successful completion of this course, the student should be able to define the role of a consumer in the economy; develop a basic financial plan; apply budgeting procedures in a daily and monthly spending plan; calculate principal and interest; define the types of consumer credit; identify the types of housing mortgages; and explain the important considerations in buying, selling and renting. In addition, the student should be able to calculate individual insurance needs in the areas of life insurance, health insurance, property and liability insurance, automobile insurance and other types of special insurance and be able to explain employee and retirement benefits, including tax-sheltered plans. 3 hrs. lecture/wk.

Credit Hours: 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60030 350 ONLNE	-----	-	06/02/14-06/26/14	Online	Hussein S	20 of 20
60031 351 ONLNE	-----	-	06/02/14-06/26/14	Online	Hussein S	20 of 20
60032 352 ONLNE	-----	-	06/02/14-06/26/14	Online	Hussein S	20 of 20
60033 353 ONLNE	-----	-	06/02/14-06/26/14	Online	Noel M	20 of 20
60034 354 ONLNE	-----	-	06/02/14-06/26/14	Online	Noel M	20 of 20

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/spring/coursedescriptions/bus/#BUS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60035 350 ONLINE	-----	-	06/02/14-06/26/14	Online	Webb F	20 of 20
Kansas State Bill 155						
60036 351 ONLINE	-----	-	06/02/14-06/26/14	Online	Nikravan S	20 of 20
Kansas State Bill 155						

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/spring/coursedescriptions/bus/#BUS_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60037 350 ONLINE	-----	-	06/02/14-06/26/14	Online	Webb F	20 of 20
Kansas State Bill 155						
60038 351 ONLINE	-----	-	06/02/14-06/26/14	Online	Webb F	20 of 20
Kansas State Bill 155						

BUS 145 - Small Business Management

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

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/bus/#BUS_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60039 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 379	Feagan C	22 of 22
Kansas State Bill 155						

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/spring/coursedescriptions/bus/#BUS_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60040 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 256	Anderson K	30 of 30
Kansas State Bill 155						
60041 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Stannard J	20 of 20
Kansas State Bill 155						
60042 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Wandell N	20 of 20
Kansas State Bill 155						

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/spring/coursedescriptions/bus/#BUS_215)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60043 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Fleming S	20 of 20
Kansas State Bill 155						

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/spring/coursedescriptions/bus/#BUS_225)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60044 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Korb J	20 of 20
60045 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Hughey K	20 of 20
60046 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Smith J	20 of 20

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/spring/coursedescriptions/bus/#BUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60050 001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 329	Rasmussen L	24 of 24

Kansas State Bill 155

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/credit-enrollment/reading-readiness.html>)

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60051 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 258	Baker M	30 of 30
60052 002 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 379	Buck R	22 of 22

Kansas State Bill 155

Kansas State Bill 155

60053	350	ONLNE	-----	-	06/02/14-07/24/14	Online	Hawk G	20 of 20
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Kansas State Bill 155

60054	351	ONLNE	-----	-	06/02/14-07/24/14	Online	Hawk G	20 of 20
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Kansas State Bill 155

60055	352	ONLNE	-----	-	06/02/14-07/24/14	Online	Hawk G	20 of 20
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Kansas State Bill 155

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/spring/coursedescriptions/bus/#BUS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open		
60056	350	ONLNE	-----	-	06/02/14-07/24/14	Online	Stewart-Ayala N	20 of 20
Kansas State Bill 155								
60888	351	ONLNE	-----	-	06/02/14-07/24/14	Online	Pener M	20 of 20
Kansas State Bill 155								

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/spring/coursedescriptions/cdtp/#CDTP_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60788 001 F2F	M-----	12:00-02:45 PM	06/02/14-06/30/14	RC 374	Hincks B	15 of 15
Kansas State Bill 155						
60789 002 F2F	--W----	08:00-10:45 AM	06/04/14-07/02/14	RC 374	Hincks B	15 of 15
Kansas State Bill 155						
60790 003 F2F	--W----	12:00-02:45 PM	06/04/14-07/02/14	RC 374	Hincks B	15 of 15
Kansas State Bill 155						
60793 351 ONLINE	-----	-	06/30/14-07/21/14	Online	TBA	15 of 15
Kansas State Bill 155						

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/spring/coursedescriptions/cdtp/#CDTP_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60794 001 F2F	M-----	06:00-08:45 PM	06/02/14-06/30/14	RC 374	TBA	15 of 15
Kansas State Bill 155						

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/spring/coursedescriptions/cdtp/#CDTP_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60795 001 F2F	M-----	08:00-10:45 AM	06/02/14-06/30/14	RC 374	Hincks B	15 of 15

Chemistry

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/credit-enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/chem/#CHEM_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60496 380 HYB	-----	-	06/02/14-07/24/14	Online	Clark M	24 of 24
	Lab --W----	05:00-09:50 PM	06/04/14-06/04/14	SCI 213		
	Lab --W----	05:00-09:50 PM	06/18/14-06/18/14	SCI 213		
	Lab --W----	05:00-09:50 PM	07/02/14-07/02/14	SCI 213		
	Lab --W----	05:00-09:50 PM	07/16/14-07/16/14	SCI 213		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory. Tests must be taken in the Testing Center on the JCCC campus.

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/credit-enrollment/reading-readiness.html>)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60497 001 F2F	M-W----	08:00-10:50 AM	06/02/14-07/23/14	SCI 216	O'Leary M	24 of 24
	-T-R---	08:00-08:50 AM	06/03/14-07/24/14	SCI 216		
Lab	-T-R---	09:00-11:50 AM	06/03/14-07/24/14	SCI 215		
60514 002 F2F	M-W----	06:00-06:50 PM	06/02/14-07/23/14	SCI 216	Scholtz S	24 of 24
Lab	M-W----	07:00-09:50 PM	06/02/14-07/23/14	SCI 215		
	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	SCI 216		
60516 003 F2F	M-W----	11:00-11:50 AM	06/02/14-07/23/14	SCI 218	Agah A	24 of 24
Lab	M-W----	12:00-02:50 PM	06/02/14-07/23/14	SCI 215		
	-T-R---	11:00-01:50 PM	06/03/14-07/24/14	SCI 218		
60515 380 HYB	M-W----	08:00-08:50 AM	06/02/14-07/23/14	SCI 218	Elisabeth E	24 of 24
Lab	M-W----	09:00-11:50 AM	06/02/14-07/23/14	SCI 215		
	-----	-	06/02/14-07/24/14	Online		
Mandatory Classroom Meetings						
60517 382 HYB	-----	-	06/02/14-07/24/14	Online	Jacobsen F	24 of 24
	-T-R---	12:00-12:50 PM	06/03/14-07/24/14	SCI 216		
Lab	-T-R---	01:00-03:50 PM	06/03/14-07/24/14	SCI 215		
Mandatory Classroom Meetings						
60518 383 HYB	M-W----	02:00-02:50 PM	06/02/14-07/23/14	SCI 216	Elisabeth E	24 of 24
Lab	M-W----	03:00-05:50 PM	06/02/14-07/23/14	SCI 215		
	-----	-	06/02/14-07/24/14	Online		
Mandatory Classroom Meetings						

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60540 001 F2F	MTWR---	07:00-09:20 AM	06/02/14-07/24/14	SCI 114	Maradiaga A	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 60545)						
60541 002 F2F	MTWR---	09:30-11:50 AM	06/02/14-07/24/14	SCI 114	Jacobsen F	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 60546)						
60542 003 F2F	MTWR---	12:00-02:20 PM	06/02/14-07/24/14	SCI 114	Robinson J	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 60547)						
60543 004 F2F	M-W----	06:00-09:50 PM	06/02/14-07/23/14	SCI 114	Maradiaga A	24 of 24
	-T-R---	06:00-06:50 PM	06/03/14-07/24/14	SCI 114		
Co-requisite to enroll in CHEM 125 (CRN 60548)						
60544 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Byers D	24 of 24
Co-requisite to enroll in CHEM 125 (CRN 60549)						
Mandatory Classroom Meetings CHEM 125 (CRN 60549)						
Note: Students are required to come to a Virtual chat room once a week. The times are normally 7 PM on Sunday and Tuesday evenings throughout the semester. These times are subject to change. The lecture tests and the final are taken in the Testing Center in SC 334 at JCCC.						

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60545 001 F2F	Lab -T-R---	09:30-12:20 PM	06/03/14-07/24/14	SCI 211	Maradiaga A	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 60540)						
60546 002 F2F	Lab M-W----	12:00-02:50 PM	06/02/14-07/23/14	SCI 211	Price K	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 60541)						
60547 003 F2F	Lab M-W----	09:00-11:50 AM	06/02/14-07/23/14	SCI 211	Robinson J	24 of 24
Co-requisite to enroll in CHEM 124 (CRN 60542)						
60548 004 F2F	Lab -T-R---	07:00-09:50 PM	06/03/14-07/24/14	SCI 211	Fell L	24 of 24

Co-requisite to enroll in CHEM 124 (CRN 60543)

60549 005 F2F Lab --W---- 05:30-09:50 PM 06/11/14-07/23/14 SCI 211 Byers D 24 of 24

Co-requisite to enroll in CHEM 124 (CRN 60544)

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/spring/coursedescriptions/chem/#CHEM_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60550 001 F2F	MTWR---	08:00-09:50 AM	06/02/14-07/24/14	GEB 217	Ogdon F	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 60555)						
60551 002 F2F	MTWR---	10:00-11:50 AM	06/02/14-07/24/14	GEB 217	Watson C	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 60556)						
60552 003 F2F	MTWR---	12:00-01:50 PM	06/02/14-07/24/14	GEB 217	Watson C	24 of 24
Co-requisite to enroll in CHEM 132 (CRN 60557)						
60553 004 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	GEB 217	Weems J	24 of 24
	-T-R---	06:00-06:50 PM	06/03/14-07/24/14	GEB 217		
Co-requisite to enroll in CHEM 132 (CRN 60558)						
60554 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Franklin P	24 of 24

Co-requisite to enroll in CHEM 132 (CRN 60559)

Mandatory Classroom Meetings CHEM 132 (CRN 60559)

Note: Tests will be administered in the JCCC Testing Center. Corresponding lab (CHEM 132 005) will meet on campus.

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 and Corequisite: CHEM 131 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/spring/coursedescriptions/chem/#CHEM_132)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60555 001 F2F	Lab -T-R---	10:00-12:50 PM	06/03/14-07/24/14	SCI 213	Ogdon F	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 60550)						
60556 002 F2F	Lab -T-R---	07:00-09:50 AM	06/03/14-07/24/14	SCI 213	Watson C	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 60551)						
60557 003 F2F	Lab -T-R---	02:00-04:50 PM	06/03/14-07/24/14	SCI 213	Watson C	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 60552)						
60558 004 F2F	Lab -T-R---	07:00-09:50 PM	06/03/14-07/24/14	SCI 213	Weems J	24 of 24
Co-requisite to enroll in CHEM 131 (CRN 60553)						
60559 005 F2F	Lab M-----	05:00-07:00 PM	06/02/14-06/02/14	CLB 112A	Franklin P	24 of 24
	Lab M-----	05:00-09:20 PM	06/09/14-07/14/14	SCI 213		
Co-requisite to enroll in CHEM 131 (CRN 60554)						

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/spring/coursedescriptions/chem/#CHEM_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60560 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	SCI 124	Monzyk M	24 of 24
	Lab MTWR---	09:30-12:20 PM	06/02/14-07/24/14	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/spring/coursedescriptions/chem/#CHEM_250)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60561 001 F2F	MTWR---	08:00-09:50 AM	06/02/14-07/24/14	CLB 405	Lehman W	24 of 24

Interactive Media

CIM 130 - Interactive Media Concepts

This survey course introduces students to the interactive media field. Topics to be covered include the definition of interactive media, the basic stages of interactive media creation and project management fundamentals. Current and future trends in interactive media will also be covered. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite or corequisite: ENGL 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cim/#CIM_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60847 001 F2F	-T-R---	03:00-04:50 PM	06/03/14-07/24/14	RC 323	Nord E	15 of 15

Kansas State Bill 155

Computer Information Systems

CIS 124 - Introduction to Computer Concepts and Applications

In this introductory, nontechnical computer course, students study computing concepts, terminology, issues and uses. Extensive hands-on experience with the microcomputer is provided using business applications and the operating system to reinforce the concepts. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 15

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cis/#CIS_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60758 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	RC 344	TBA	20 of 20
Kansas State Bill 155						
60759 002 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	RC 344	TBA	20 of 20
Kansas State Bill 155						
60760 350 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						
60761 351 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						

CIS 201 - Introduction to Information Systems

This course is an introduction to the use of computers in management, concepts of computer software, hardware, and systems analysis. Applications will include electronic spreadsheets, database management software, graphics and presentation tools, and other special purpose tools. Word processing tools will be used for most graded assignments. Programming will be studied in the context of spreadsheet macros. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ACCT 121

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60762 350 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						
60763 351 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						

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 236 or CS 250 or CS 255 or CIS 235 or CIS 240 or CIS 244

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60764 500 INT	-----	-	06/02/14-07/24/14		TBA	10 of 10

Kansas State Bill 155

Cosmetology - Esthetics

CO 134 - Esthetics Essentials

This course provides class instruction in skin care. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 31 lecture hours of the 1,000 contact hours required by the Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Payment of the liability insurance fee is made through Shop JCCC at <http://www.jccc.edu/shop-jccc/index.html>. (<http://www.jccc.edu/shop-jccc/index.html>.)

Credit Hours: 2

Prerequisite for part- or full-time students: CO 127. Corequisites for part-time students: CO 135 and CO 136. Corequisites for full-time students: CO 135 and CO 136 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60255 222 F2F	M-----	05:30-09:30 PM	06/09/14-07/07/14	 WPK 180	Vasquez J	12 of 12
	-T-----	05:30-07:29 PM	06/10/14-07/08/14	 WPK 180		

Kansas State Bill 155

CO 135 - Esthetics Essentials Lab

This course provides skill instruction of skin care in a lab setting. Topics include sanitation, skin sciences, waxing, skin treatments, makeup, business practices and state law. This class meets 38 laboratory hours of the 1,000 contact hours required by Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 2

Prerequisite for part- or full-time students: CO 128. Corequisites for part-time students: CO 134 and CO 136. Corequisites for full-time students: CO 134 and CO 136 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60256 222 F2F	-T-----	07:30-09:30 PM	06/10/14-07/08/14	 WPK 131	Vasquez J	12 of 12
	--W----	05:30-09:30 PM	06/11/14-07/09/14	 WPK 131		

Kansas State Bill 155

CO 136 - 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, business practices and state law. This class meets 48 clinical hours of the 1,000 contact hours required by Kansas State Board of Cosmetology. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 1

Prerequisite for part- or full-time students: CO 129. Corequisites for part-time students: CO 134 and CO 135. Corequisites for full-time students: CO 134 and CO 135 and CO 141 and CO 142 and CO 143. All courses must have a grade of "C" or higher.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/co/#CO_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60257 222 F2F	----S-	09:00-05:30 PM	06/14/14-07/19/14	 WPK 131	Vasquez J	12 of 12
	MTW----	05:30-09:30 PM	07/14/14-07/16/14	 WPK 131		

Kansas State Bill 155

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/spring/coursedescriptions/cpca/#CPCA_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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60799 001 F2F	M-W----	02:00-04:45 PM	06/04/14-06/18/14	RC 353	Mahring B	17 of 17
Kansas State Bill 155						
60818 002 F2F	M-----	11:00-01:45 PM	06/09/14-07/07/14	RC 355	TBA	17 of 17
Kansas State Bill 155						
60819 003 F2F	M-----	06:00-08:45 PM	06/09/14-07/07/14	RC 353	TBA	17 of 17
Kansas State Bill 155						
60820 004 F2F	M-W----	06:00-08:45 PM	06/30/14-07/14/14	RC 355	TBA	17 of 17
Kansas State Bill 155						
60821 350 ONLINE	-----	-	06/05/14-07/03/14	Online	Mahring B	15 of 15
Kansas State Bill 155						
60822 351 ONLINE	-----	-	06/05/14-07/03/14	Online	Mahring B	15 of 15
Kansas State Bill 155						

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/spring/coursedescriptions/cpca/#CPCA_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60823 001 F2F	---R---	11:00-01:45 PM	06/05/14-07/03/14	RC 374	TBA	15 of 15
Kansas State Bill 155						
60906 350 ONLINE	-----	-	06/05/14-06/30/14	Online	Mahring B	15 of 15
Kansas State Bill 155						

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/spring/coursedescriptions/cpca/#CPCA_108)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60824 001 F2F	--W----	09:00-11:45 AM	06/04/14-07/02/14	RC 353	TBA	17 of 17

Kansas State Bill 155
Microsoft Word Office 2013

60825 350 ONLINE	-----	-	06/04/14-06/18/14	Online	Mahring B	15 of 15
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Kansas State Bill 155
Microsoft Word Office 2013

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/spring/coursedescriptions/cpca/#CPCA_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60826 001 F2F	--W----	06:00-08:45 PM	06/04/14-07/02/14	RC 353	TBA	17 of 17

Kansas State Bill 155
Microsoft Excel Office 2013

60827 002 F2F	M-W----	02:00-04:45 PM	06/30/14-07/14/14	RC 353	TBA	17 of 17
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Kansas State Bill 155
Microsoft Excel Office 2013

60828 350 ONLINE	-----	-	06/04/14-06/18/14	Online	Smith C	15 of 15
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Kansas State Bill 155
Microsoft Excel Office 2013

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

Associated Costs: \$10 to 20

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60829 002 F2F	-T-----	06:00-08:45 PM	06/10/14-07/08/14	RC 353	TBA	17 of 17
Kansas State Bill 155 Microsoft Access Office 2013						
60830 350 ONLINE	-----	-	06/04/14-07/02/14	Online	Friedrichsen L	15 of 15
Kansas State Bill 155 Microsoft Access Office 2013						

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/spring/coursedescriptions/cpca/#CPCA_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60831 001 F2F	-T-R---	06:00-08:45 PM	07/01/14-07/17/14	RC	TBA	17 of 17
Kansas State Bill 155 Microsoft PowerPoint Office 2013						
60832 350 ONLINE	-----	-	06/04/14-06/18/14	Online	Smith C	15 of 15
Kansas State Bill 155 Microsoft PowerPoint Office 2013						

CPCA 128 - PC Applications: MS Office

Upon successful completion of this course, the student should be able to use the current version of Windows to create and organize files and folders and perform essential file management procedures such as copying, moving, deleting and renaming files and folders. An in-depth proficiency will also be attained with the use of the current version of MS Office Suite, word processing, spreadsheet, and presentation graphics applications. Hands-on, practical projects will be performed to reinforce the concepts taught. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60833 001 F2F	-T-R---	11:00-01:45 PM	06/03/14-07/24/14	RC 355	TBA	17 of 17
Kansas State Bill 155 Microsoft Office 2013						
60834 002 F2F	-T-R---	06:00-08:45 PM	06/03/14-07/24/14	RC 355	TBA	17 of 17
Kansas State Bill 155 Microsoft Office 2013						
60835 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Copeland C	15 of 15
Kansas State Bill 155 Microsoft Office 2013						
60836 351 ONLNE	-----	-	06/02/14-07/24/14	Online	Copeland C	15 of 15
Kansas State Bill 155 Microsoft Office 2013						
60837 352 ONLNE	-----	-	06/02/14-07/24/14	Online	Copeland C	15 of 15
Kansas State Bill 155 Microsoft Office 2013						

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/spring/coursedescriptions/cpca/#CPCA_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60838 350 ONLINE	-----	-	06/02/14-06/16/14	Online	Copeland C	15 of 15

Kansas State Bill 155

CPCA 151 - Internet II

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

Credit Hours: 1

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60864 350 ONLINE	-----	-	06/18/14-07/02/14	Online	TBA	15 of 15

Kansas State Bill 155

CPCA 161 - Introduction to Web Pages using HTML

This course will cover the commands and techniques required to create and publish World Wide Web pages using HyperText Markup Language. Topics covered will include basic text layout, background colors, formatting, ordered and unordered lists, tables, frames that include graphic images in a page and linking to other Web pages. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CPCA 151 or an appropriate score on an assessment test

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cpca/#CPCA_161)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60865 350 ONLINE	-----	-	07/07/14-07/21/14	Online	TBA	15 of 15

Kansas State Bill 155

Computer Science

CS 134 - Programming Fundamentals

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

Credit Hours: 4

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cs/#CS_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60765 001 F2F	M-W----	02:00-04:50 PM	06/02/14-07/23/14	RC 380	TBA	20 of 20
Kansas State Bill 155						
60766 002 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	RC 380	TBA	20 of 20
Kansas State Bill 155						
60767 003 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	RC 380	TBA	20 of 20
Kansas State Bill 155						
60768 350 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						
60769 351 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						
60770 352 ONLNE	-----	-	06/02/14-07/24/14	Online	TBA	15 of 15
Kansas State Bill 155						

CS 200 - Concepts of Programming Algorithms Using C++

This course emphasizes programming methodology and problem solving. Algorithm design and development, data abstraction, good programming style, testing and debugging will be presented. An appropriate block-structured high-level programming language will be studied and used to implement algorithms. 3 hrs. lecture, 2 hrs. open lab/wk.

Note: Four-credit hour CS courses have 2 hours of open lab each week.

Credit Hours: 4

Associated Costs: \$20 to 50

Prerequisite: CIS 134 or CS 134 or ENGR 171 or equivalent experience

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60771 001 F2F	M-W----	05:30-08:10 PM	06/02/14-07/23/14	RC 361	TBA	15 of 15
Kansas State Bill 155						

Kansas State Bill 155

Computer Web

CWEB 101 - Introduction to the Web using Internet Explorer

This course will introduce the student to commands and techniques required to effectively use the resources of the World Wide Web. Topics to be covered will include how to browse, search and retrieve information on the Internet using Internet Explorer, how to create and manage "favorites", how to protect computers from viruses, how to send and receive electronic mail, and how to create a basic home page. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60848 350 ONLINE	-----	-	06/02/14-06/30/14	Online	Mahring B	15 of 15

Kansas State Bill 155

CWEB 105 - Introduction to Web Pages: Dreamweaver

This course will cover the commands and techniques required to create and revise Web pages using Dreamweaver. Topics to be covered will include basic text layout, viewing and identifying basic HTML tags, creating a site map, formatting a Web page, applying background color, inserting images and sounds, creating ordered and unordered lists, inserting files, and creating links on Web pages. 1 hr. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 101

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60849 350 ONLINE	-----	-	06/02/14-06/30/14	Online	Hopper J	15 of 15

Kansas State Bill 155

CWEB 110 - XHTML and CSS

This course will cover the essential skills needed to create Web sites, with a focus on using Extensible Hypertext Markup Language (XHTML) and Cascading Style Sheets (CSS). Students will be introduced to the concepts, foundations, syntax and structure of XHTML. Additional topics include the use of File Transfer Protocol (FTP) as a way to publish a web site, validation, and Web standards established by the World Wide Web Consortium (W3C) and other organizations. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$35

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60850 001 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	RC 323	Meigs R	15 of 15
Kansas State Bill 155						
60851 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hopper J	15 of 15
Kansas State Bill 155						

CWEB 160 - Introduction to JavaScript

This course will cover the commands and techniques available to add functionality to Web pages using JavaScript. Topics to be covered include integrating JavaScript into an HTML file, creating pop-up windows, adding scrolling messages, validating forms and enhancing the use of image and form objects. 1 hr. lecture/wk.

Credit Hours: 1

Associated Costs: \$10 to 20

Prerequisite: CWEB 104 or CWEB 105 or CWEB 106 or CPCA 161 or (CS 134 or CIS 134)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60853 001 F2F	M-----	04:00-07:50 PM	06/02/14-06/30/14	RC 323	TBA	15 of 15
Kansas State Bill 155						

CWEB 200 - Podcasting I

Podcasting is a web-based broadcast medium. Audio files (most commonly in MP3 format) are made available online in a way that allows software to automatically detect the availability of new files (generally through RSS [Really Simple Syndication]), and download the files for listening at the user's convenience. This course will cover how to create sound, use the appropriate software, develop a show, distribute a podcast, and build an audience. Students will begin by learning the basics of blogging and develop their blogs into audio and/or video podcasts. More advanced topics include audio editing, podcasting on the go, and videocasting. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$35

Prerequisite: CWEB 101

Outline (http://catalog.jccc.edu/spring/coursedescriptions/cweb/#CWEB_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60852 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hopper J	15 of 15

Kansas State Bill 155

Dental Hygiene

DHYG 291 - Independent Study

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee.

Credit Hours: 1

Associated Costs: \$50 to 75

Prerequisite: 2.0 GPA minimum and department approval

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60452 960 IND	-----	-	06/02/14-07/24/14	SCI	LoGiudice M	3 of 3

Drafting/CAD/AutoCAD

DRAF 129 - Interpreting Architectural Drawings

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

Credit Hours: 2

Associated Costs: \$5 to 10

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60645 376 HYB	M-----	06:00-07:25 PM	06/02/14-06/02/14	ITC 181	Feuerborn D	20 of 20
	M-----	06:00-07:25 PM	06/16/14-06/16/14	ITC 181		
	M-----	06:00-07:25 PM	06/30/14-06/30/14	ITC 181		
	M-----	06:00-07:25 PM	07/14/14-07/14/14	ITC 181		
	M-----	06:00-07:25 PM	07/21/14-07/21/14	ITC 181		

Kansas State Bill 155

Note: Students who have taken High School drafting and are new to the Drafting program should contact Tom Hughes thughes@jccc.edu or 913-469-8500 x3901 prior to enrolling in DRAF 129. Please contact the department if you have questions or need help with the new reading readiness requirements

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/spring/coursedescriptions/draf#DRAF_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60904 001 F2F	--W----	06:00-09:30 PM	06/04/14-06/23/14	ITC 181	Bowles J	20 of 20

Kansas State Bill 155

DRAF 151 - Introduction to 3D Modeling: SketchUp

Students will be introduced to a popular modeling/presentation software package used in architecture, engineering, and design firms. Topics include how to model buildings from floor plans, how to incorporate geolocation information from Google Earth in those models, and how to utilize the Google 3D Warehouse. Software used is the most current version of (free) SketchUp. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_151\)](http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_151)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60646 001 F2F	-T-----	06:00-08:50 PM	06/03/14-07/13/14	ITC 126	Cline L	15 of 15

Kansas State Bill 155

DRAF 271 - Drafting Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisite: department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_271\)](http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60647 500 INT	-----	-	06/02/14-07/24/14	ITC	Hughes T	10 of 10

Kansas State Bill 155
Requirement: Department approval

DRAF 272 - Drafting Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students the opportunity to develop job- and career-related skills while in a work setting. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 15 hrs. min./wk. Drafting classes that have additional lab have either the time and room listed or TBA (to be announced) with the room number listed.

Credit Hours: 3

Prerequisites: DRAF 271 and department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_272\)](http://catalog.jccc.edu/spring/coursedescriptions/draf/#DRAF_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60648 501 INT	-----	-	06/02/14-07/24/14	ITC	Hughes T	10 of 10

Kansas State Bill 155
Requirement: Department approval

English for Academic Purposes

EAP 101 - Writing and Grammar I

This course provides English Language Learning (ELL) students an integrated communicative experience at the beginning college level. Students will learn effective writing techniques and grammatical structures for using American English at the sentence and basic paragraph level. The course will also focus on basic study and learning strategies to aid writing. This course does not fulfill degree requirements. This course is the first writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60209 001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	ATB 133	Hewitt J	15 of 15

EAP 103 - Writing and Grammar II

This course provides English Language Learning (ELL) 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 students success. The course will also focus on learning and study strategies to enhance writing. This course does not fulfill degree requirements. This course is the second writing and grammar course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60210 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	LIB 305	Hewitt J	15 of 15
60211 002 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	LIB 305	Paul Newby M	15 of 15

EAP 105 - Speaking and Pronunciation I

This course provides English Language Learning (ELL) students the opportunity to develop their speaking and pronunciation skills. Focus will be on effective techniques for using American English in academic, career and personal settings. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

Outline (http://catalog.jccc.edu/spring/coursedescriptions/eap/#EAP_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60212 001 F2F	MTWR---	04:00-05:15 PM	06/02/14-07/24/14	LIB 305	TBA	15 of 15

EAP 107 - Speaking and Pronunciation II

This course provides English Language Learning (ELL) students the opportunity to expand fluency in speaking and pronunciation. The course covers 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. The course concludes with applications to individual life goals. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60213 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	LIB 352	Gray A	15 of 15
60214 002 F2F	MTWR---	03:30-04:45 PM	06/02/14-07/24/14	LIB 352	Gray A	15 of 15

EAP 111 - Writing and Grammar III

This course provides English Language Learning (ELL) students an integrated communicative experience at the intermediate level. Students will focus on developing fluency in writing using American English at the paragraph and multi-paragraph 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: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60215 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	LIB 305	Woodward S	15 of 15
60216 002 F2F	MTWR---	07:20-08:35 PM	06/02/14-07/24/14	CC 312	Woodward S	15 of 15

EAP 113 - Writing and Grammar IV

This course provides English Language Learning (ELL) 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 course is the fourth writing and grammar course in the sequence of courses. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 111 and EAP 122 and EAP 115 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60217 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 314	Hewitt J	20 of 20
60218 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Milkowart H	20 of 20

EAP 115 - Speaking and Pronunciation III

This course provides English Language Learning (ELL) students the opportunity to enhance fluency in speaking, pronunciation, and listening at the upper intermediate level. Students apply standard American communication patterns to understand lectures, speak in academic settings, and communicate in group interactions. Informal and formal projects include oral reports in specific fields of study and academic debates. The course concludes with analysis of individual goals and assessments to enhance academic success. This course does not fulfill degree requirements. This course is a prerequisite in a sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60219 001 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	GEB 242	Gray A	15 of 15
60220 002 F2F	MTWR---	03:30-04:45 PM	06/02/14-07/24/14	GEB 242	Woodward S	15 of 15

EAP 117 - Speaking and Pronunciation IV

This course offers English Language Learning (ELL) students the opportunity to master speaking, pronunciation, and listening at an advanced level. Pronunciation performance will be enhanced for accent reduction and communication of precise meanings of standard American English. Students apply advanced strategies to process knowledge from specific fields of study and give presentations with idiomatic vocabulary from literature, media, and research sources.

The course concludes with expansion of sociolinguistic and cultural competencies for group interactions and large audiences. Pre- and post-assessments measure progress in exit competencies. This course does not fulfill degree requirements. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 111 and EAP 122 and EAP 115 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60221 001 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	LIB 352	Gunbatar V	17 of 17
60222 002 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	LIB 352	Gunbatar V	17 of 17

EAP 120 - Reading/Vocabulary I

This course provides English Language Learning (ELL) students an integrated communication experience on the high beginning college level. Students will learn effective techniques for reading, studying and using American English in an academic setting. This course does not fulfill degree requirements. This is the first reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60223 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	ATB 132	Gray A	15 of 15

EAP 121 - Reading/Vocabulary II

This course provides English Language Learning (ELL) students the opportunity to develop reading fluency, comprehension and vocabulary on the low 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

Prerequisites: Either EAP 101 and EAP 120 and EAP 105 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60224 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	ATB 133	Kastendick R	15 of 15

EAP 122 - Reading and Vocabulary III

This course provides English Language Learning (ELL) students an integrated communicative experience at the 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 course is the third reading course in the sequence of courses leading to ENGL 121. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: Either EAP 103 and EAP 121 and EAP 107 OR appropriate ESL assessment test score

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60226 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	LIB 305	Hewitt J	15 of 15
60227 002 F2F	MTWR---	06:00-07:15 PM	06/02/14-07/24/14	CC 312	Woodward S	15 of 15

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/spring/coursedescriptions/econ/#ECON_132)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60061 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 258	Clark L	30 of 30
60062 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Young B	22 of 22

ECON 230 - Economics I

Upon successful completion of this course, the student should be able to use economic terminology and principles to explain and discuss basic macroeconomic concepts, including supply of and demand for products, national income determination, money and banking, and monetary and fiscal policy. The student enrolling in this course should have successfully completed one year of high school algebra or the equivalent. (Macro) 3 hrs. lecture/wk.

Credit Hours: 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60063 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	OCB 246	Hinds A	32 of 32
60064 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	OCB 246	Syracuse F	32 of 32
60065 003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	OCB 248	Owens D	30 of 30
60066 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	OCB 246	Postlewait J	32 of 32
60068 006 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	OCB 248	Okao A	30 of 30
60069 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hadley S	22 of 22
60071 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Hadley S	22 of 22
60072 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Copeland D	22 of 22
60073 353 ONLINE	-----	-	06/02/14-07/24/14	Online	Copeland D	22 of 22

ECON 231 - Economics II

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 extended analysis of product supply and demand and theory 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. (Micro) 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60077 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	OCB 248	Brogna A	30 of 30
60074 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	OCB 246	Syracuse F	32 of 32
60075 003 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 329	Clark L	24 of 24
60076 004 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 324	Karscig M	24 of 24
60078 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hadley S	22 of 22
60079 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Copeland D	22 of 22
60080 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Owens D	22 of 22

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. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 3 hrs. lecture/wk.

Credit Hours: 3

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60375 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	HCDC 128	Hurst D	30 of 30

Kansas State Bill 155

EDUC 210 - Creative Experiences for Young Children

This course is a study of constructing and maintaining an environment for young children that fosters aesthetic sensitivity and creativity. The course includes the young child's developmental stages in art, music, movement, language, and creative and dramatic play; methods and materials that nourish developmentally appropriate creative experiences and support an inclusive, anti-bias curriculum; integration of creative experiences in the whole curriculum; the use of technology; and helping families understand the creative experience. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisites: EDUC 130 with a grade of "C" or higher and one of the following: PSYC 215 or PSYC 218 or EDUC 270

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60376 001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	HCDC 128	Springate J	35 of 35

Kansas State Bill 155

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 students

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, mental retardation, 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/credit-enrollment/reading-readiness.html>)

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60377 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Salvato M	25 of 25

EDUC 245 - School-Age Programs and Curriculum II

The student will study the creation and maintenance of a developmentally appropriate environment for school-age children in extended school day and summer programs. The student will acquire the skills and characteristics of effective educators. The student will explore types of programs and how to plan, implement and evaluate these programs. Also, staff supervision and development, record keeping, relevant state regulations and laws will be discussed. Collaboration with family and community, public relations and contributing to the profession will be studied. The lab will include demonstration of the subject matter. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture, 1 hrs. lab/wk.

Credit Hours: 3

Prerequisite: EDUC 240

Outline (http://catalog.jccc.edu/spring/coursedescriptions/educ/#EDUC_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60378 001 F2F	M-----	05:30-08:50 PM	06/02/14-07/21/14	CC 338	Weerts L	15 of 15

Electronics

ELEC 120 - Introduction to Electronics

This is a beginning course in electronics technology that is appropriate for both electronic majors and other interested students. An overview of basic electronic theory, principles and components is presented. In addition, the laboratory exercises will emphasize the operation and use of the primary pieces of electronic test equipment and the fabrication of selected circuits. 2 hrs. lecture, 2 hrs. lab-lecture, 2 hrs. lab/wk.

Credit Hours: 3

Associated Costs: \$10 to 20

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_120\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60876 001 F2F	-T-R---	10:00-11:50 AM	06/03/14-07/24/14	ITC 184	Cody P	16 of 16
	-T-R---	12:00-02:50 PM	06/03/14-07/24/14	ITC 184		

Kansas State Bill 155

ELEC 126 - Microcomputer A+ Preparation

This course is designed to be a general introduction to personal computer hardware and operating system software. The course teaches the operation, installation and upgrade of all the major components of a typical PC. The course also provides the basic knowledge to prepare the student for passing the A+ test, which is the industry standard certification for personal computer technicians. Since A+ Certification is based upon the Windows Operating System and Intel/AMD-type microprocessors, these will be the basis of the course. The course will cover both of the A+ Certification testing areas: PC Hardware (Core Test) and Operating Systems (OS Test). 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_126\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_126)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60877 001 F2F	MTWR---	06:00-07:20 PM	06/02/14-07/24/14	ITC 188	Pitts R	17 of 17
	MTWR---	07:30-08:50 PM	06/02/14-07/24/14	ITC 191A		

Kansas State Bill 155

ELEC 271 - Electronics Internship I

This course affords the student the opportunity to apply classroom knowledge to an actual work environment. It will provide selected advanced electronics technology students with appropriate on-the-job experience with area employers, under instructional oversight, that will promote the student's career goals. 18 hrs. approved and appropriate work activity/wk.

Credit Hours: 1

Prerequisite: department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_271\)](http://catalog.jccc.edu/spring/coursedescriptions/elec/#ELEC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Electrical Technology

ELTE 125 - Residential Wiring Methods

This is an introductory course on residential wiring methods that includes practical application and hands-on experience in implementing the code requirements. Upon successful completion of this course, the student should acquire the necessary skills to wire a residence to meet the minimum requirements as set forth in the current National Electrical Code for residential occupancies. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$125 to 300

Prerequisite or corequisite: HVAC 123 or ELTE 123

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60855 001 F2F	-TWR---	05:00-06:50 PM	06/03/14-07/24/14	ATB 164A	Klammer W	16 of 16
	-TWR---	07:00-08:50 PM	06/03/14-07/24/14	ATB 168B		

Kansas State Bill 155

ELTE 210 - Code Certification Review

Upon successful completion of this course, the student should be able to use the current National Electrical Code to do calculations involving loads, lighting and circuit sizing. The course will cover typical load calculations used in both residential and commercial settings. The student should also be able to interpret and apply the National Electrical Code rules to special wiring systems including Hazardous Locations, Elevators, Remote-control circuits and Fire Alarm systems. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ELTE 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60900 001 F2F	-T-R---	05:00-07:50 PM	06/03/14-07/24/14	ATB 129	Randazzo C	30 of 30

ELTE 271 - Electrical Internship I

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students 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 hr. lecture, minimum 15 hrs. on-the-job training/wk.

Credit Hours: 3

Prerequisite: department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/elte/#ELTE_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60856 500 INT	-----	-	06/02/14-07/24/14		Randazzo C	3 of 3

Kansas State Bill 155

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/ems/#EMS_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60866 001 F2F	---R---	08:30-04:30 PM	06/05/14-06/19/14	 LCS	Schmitz J	20 of 20
Kansas State Bill 155						
60867 002 F2F	---R---	06:00-10:00 PM	06/05/14-07/03/14	SCI 101L	Allen D	24 of 24
	---R---	06:00-10:00 PM	06/05/14-07/03/14	SCI 101M		
	---R---	06:00-10:00 PM	06/05/14-07/03/14	SCI 101N		
Kansas State Bill 155						
60886 003 F2F	-----S-	08:00-12:00 PM	06/02/14-06/07/14	SCI 112	Summers S	24 of 24
	-T-R---	01:30-05:30 PM	06/02/14-06/07/14	SCI 101L		
	-T-R---	01:30-05:30 PM	06/02/14-06/07/14	SCI 101M		

-T-R--- 01:30-05:30 PM 06/02/14-06/07/14 SCI 101N

M---F-- 01:30-05:30 PM 06/02/14-06/07/14 SCI 112

Kansas State Bill 155

NOTE: EMS 121-003 is a one week CPR class starting Monday, June 2nd and ending Saturday, June 7th.

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/spring/coursedescriptions/ems/#EMS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60869 001 F2F	-T-R---	01:00-05:30 PM	06/03/14-07/24/14	SCI 112	Biggs S	24 of 24
	-----	-	06/03/14-07/24/14	Online		
Mandatory Classroom Meetings						
Kansas State Bill 155						
60868 002 F2F	MTW----	06:00-09:30 PM	06/02/14-07/23/14	SCI 101L	Ratliff W	24 of 24
					Heriford A	
	MTW----	06:00-09:30 PM	06/02/14-07/23/14	SCI 101M		
	MTW----	06:00-09:30 PM	06/02/14-07/23/14	SCI 101N		

Kansas State Bill 155

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 life-like as possible. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture, 10 hrs. lab/wk. This course is only offered in the summer.

Credit Hours: 3

Prerequisites: EMS 130 or EMS 131 or equivalent and a copy of current EMT-B card

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60870 001 F2F	MT-----	09:00-12:00 PM	06/02/14-08/19/14	SCI 101M	Craig S	14 of 14
	MT-----	09:00-12:00 PM	06/02/14-08/19/14	SCI 101N		

Kansas State Bill 155

Requirement: Department approval

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/spring/coursedescriptions/ems/#EMS_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60871 001 F2F	M-W----	02:00-05:00 PM	06/02/14-07/23/14	SCI 116	Craig S	20 of 20

Kansas State Bill 155

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. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 622 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/spring/coursedescriptions/ems/#EMS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60872 001 CLI	MTWRF--	09:00-04:30 PM	05/26/14-08/30/14	SCI 101L	Wnek S Grubbs K Parker R	26 of 26
	MTWRF--	09:00-04:30 PM	05/26/14-08/30/14	SCI 101M		
	MTWRF--	09:00-04:30 PM	05/26/14-08/30/14	SCI 101N		

Kansas State Bill 155

Requirement: selective admission approval

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/spring/coursedescriptions/engl/#ENGL_102)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60228 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 329	Biondo A	15 of 15
60229 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 329	Biondo A	15 of 15
60230 003 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 329	Biondo A	15 of 15
60231 004 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 314	Anderson K	15 of 15

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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_103)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60232 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements. 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/spring/coursedescriptions/engl/#ENGL_106)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60125 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	GEB 242	Edie S	25 of 25
60126 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 242	Devictor C	25 of 25
60127 003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 242	Devictor C	25 of 25
60128 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 314	Anderson K	25 of 25
60129 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Davis D	25 of 25

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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60233 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60234 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_109)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60235 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Kansas State Bill 155

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_110)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60236 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_112)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60237 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60238 001 F2F	-----	-	06/02/14-07/24/14		Byrne K	50 of 50

Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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. This course does not fulfill degree requirements and is not federal aid eligible.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Writing Center Course

Note: If enrolling on 6/2/14 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 9, if enrolling in three Writing Center modules, June 23, if enrolling in two and July 7, 2014, 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 essay 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. 3 hrs. lecture/wk. 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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 106 or appropriate placement test score or both EAP 113 and EAP 117.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60131 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 316	Dunker G	24 of 24
60132 002 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	LIB 359	Boyer J	20 of 20
60133 003 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 215	Stock J	24 of 24
60135 004 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 215	Stock J	24 of 24
60136 005 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 316	Dunker G	24 of 24
60137 006 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	LIB 359	Schmeer M	20 of 20
60138 008 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 229	Bennett S	24 of 24
60139 009 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 316	Bell S	24 of 24
60140 010 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 229	Bennett S	24 of 24
60141 011 F2F	MTWR---	02:00-03:15 PM	06/02/14-07/24/14	CC 215	Brunner L	24 of 24
60142 012 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 316	Longfellow B	24 of 24
60143 013 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	ATB 134	Chapman C	25 of 25
60144 014 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 316	Skidmore P	24 of 24
60145 015 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 242	Skidmore P	25 of 25
60146 150 F2F	MTWR---	08:00-10:30 AM	06/02/14-06/26/14	LIB 352	Schaff P	25 of 25
60147 151 F2F	MTWR---	06:00-08:30 PM	06/02/14-06/26/14	CC 217	Schaff P	24 of 24

60148	250 F2F	MTWR---	08:00-10:30 AM	06/30/14-07/24/14	CC 324	Gulley B	24 of 24
60149	251 F2F	MTWR---	10:45-01:15 PM	06/30/14-07/24/14	CC 324	Gulley B	24 of 24
60150	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Browning M	25 of 25
60151	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Browning M	25 of 25
Co-requisite to enroll in Enroll in both							
60152	352 ONLINE	-----	-	06/02/14-07/24/14	Online	McWard J	25 of 25
60153	353 ONLINE	-----	-	06/02/14-07/24/14	Online	McWard J	25 of 25
60154	354 ONLINE	-----	-	06/02/14-07/24/14	Online	Reynolds T	25 of 25
60155	355 ONLINE	-----	-	06/02/14-07/24/14	Online	Lycan B	25 of 25
60156	356 ONLINE	-----	-	06/02/14-07/24/14	Online	Lycan B	25 of 25
60157	357 ONLINE	-----	-	06/02/14-07/24/14	Online	Storkel S	25 of 25
60158	358 ONLINE	-----	-	06/02/14-07/24/14	Online	Kern S	25 of 25
60159	359 ONLINE	-----	-	06/02/14-07/24/14	Online	Kern S	25 of 25
60160	360 ONLINE	-----	-	06/02/14-07/24/14	Online	Paldino L	25 of 25
60240	426 SEL	-----	-	06/02/14-07/23/15	Self Paced	Fitzpatrick M	25 of 25

Note: Enrollment for ENGL 121-426 starts April 1 and ends June 30, 2014 or until full. For more information or permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or e-mail her at mfitzpat@jccc.edu.

Requirement: Department approval

ENGL 122 - Composition II

Because so much writing is required in college and in the workplace demands the ability to synthesize information gathered from various sources, Composition II will focus on skills essential to gathering, comprehending, analyzing, evaluating and synthesizing information. Composition II also emphasizes organizing and polishing steps important in composing expository, evaluative and persuasive prose. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 121

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

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60161	001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 314	Luthi G	25 of 25
60162	002 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	LIB 357	Pace A	24 of 24
60163	003 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 314	Luthi G	25 of 25
60165	004 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	LIB 357	Pace A	24 of 24

60166	005 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	LIB 357	Frazier C	24 of 24
60167	007 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	ATB 132	Carpenter W	25 of 25
60168	008 F2F	MTWR---	02:00-03:15 PM	06/02/14-07/24/14	ATB 132	Carpenter W	25 of 25
60171	009 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 215	Funari A	24 of 24
60170	010 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	LIB 357	Heflin R	24 of 24
60169	011 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	ATB 131	Trouslet P	25 of 25
60172	012 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 215	Heflin R	24 of 24
60173	013 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	LIB 357	Wandell N	24 of 24
60174	014 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	ATB 131	Trouslet P	25 of 25
60175	150 F2F	MTWR---	08:00-10:30 AM	06/02/14-06/26/14	CC 217	Rollins T	24 of 24
60176	151 F2F	MTWR---	10:45-01:15 PM	06/02/14-06/26/14	CC 217	Rollins T	24 of 24
60177	152 F2F	MTWR---	06:00-08:30 PM	06/02/14-06/26/14	LIB 359	Pinker R	20 of 20
60178	250 F2F	MTWR---	08:00-10:30 AM	06/30/14-07/24/14	CC 217	Davis M	24 of 24
60179	251 F2F	MTWR---	10:45-01:15 PM	06/30/14-07/24/14	CC 217	Davis M	24 of 24
60180	350 ONLNE	-----	-	06/02/14-07/24/14	Online	Davis D	25 of 25
60181	351 ONLNE	-----	-	06/02/14-07/24/14	Online	Lane J	25 of 25
60182	352 ONLNE	-----	-	06/02/14-07/24/14	Online	Lane J	25 of 25
60183	353 ONLNE	-----	-	06/02/14-07/24/14	Online	Cooper J	25 of 25
60184	354 ONLNE	-----	-	06/02/14-07/24/14	Online	Cooper J	25 of 25
60185	355 ONLNE	-----	-	06/02/14-07/24/14	Online	Knight E	25 of 25
60186	356 ONLNE	-----	-	06/02/14-07/24/14	Online	Knight E	25 of 25
60187	357 ONLNE	-----	-	06/02/14-07/24/14	Online	Dixon G	25 of 25
60241	426 SEL	-----	-	06/02/14-07/23/15	Self Paced	Ganguly Puckett S	40 of 40

Note: Enrollment for ENGL 122-426 starts on April 1 and ends on June 30, 2014 or until full. 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 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/spring/coursedescriptions/engl/#ENGL_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60188 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Gerson S	20 of 20
60189 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Gerson S	20 of 20
60190 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Gerson S	20 of 20

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60191 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	ATB 134	Restivo P	30 of 30
60192 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	ATB 134	Restivo P	30 of 30
60193 003 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	ATB 132	Funari A	30 of 30
60194 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Geekie K	25 of 25
60195 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Geekie K	25 of 25
60196 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Hogan Adams M	25 of 25
60242 426 SEL	-----	-	06/02/14-07/23/15	Self Paced	Fitzpatrick M	15 of 15

Note: Enrollment for ENGL 130-426 starts April 1 and ends June 30, 2014. For more information and for permission to enroll in this self-paced class, please contact Prof. Fitzpatrick at 913 469-8500, ext. 3739 or mfitzpat@jccc.edu.

Requirement: Department approval

ENGL 150 - Digital Narratives

Games, particularly Role-Playing Games (RPGs) and other participatory narratives, share many properties with traditional narratives, yet differ significantly from their linear counterparts. This course focuses on the elements of narrative as well as the principles that drive virtual or alternative possible worlds (both fictive and reality-based), and it will provide students with practice writing and designing artifacts that demonstrate an understanding of plot, character, setting and the impact of structure and purpose in game development. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$20 to 30

Prerequisite: ENGL 121

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60304 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	LIB 359	Schmeer M	20 of 20

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 or corequisite: ENGL 122

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engl/#ENGL_217)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60197 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hogan Adams M	25 of 25

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/spring/coursedescriptions/engl/#ENGL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60198 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	ATB 132	Cantwell D	30 of 30
60199 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	ATB 132	Cantwell D	30 of 30

60200	003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	ATB 132	Alexander D	30 of 30
60201	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Davis D	25 of 25
60202	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Davis D	25 of 25
60203	352 ONLINE	-----	-	06/02/14-07/24/14	Online	Werkmeister S	25 of 25

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/spring/coursedescriptions/engl/#ENGL_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60204	001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 242	McLeod D	25 of 25

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, and various regions of Africa, or the Middle East. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: ENGL 122

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

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60205	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Werkmeister S	25 of 25

ENGL 244 - Literature of American Popular Music

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

Credit Hours: 3

Prerequisite: ENGL 122

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60206 001 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	ATB 133	Alexander D	30 of 30

Engineering

ENGR 180 - Engineering Land Surveying I

Upon successful completion of this course, the student should be able to identify the basic applications of plane surveying procedures; measurement of horizontal distances, directions, angles, leveling, traversing, curves and stadia coordinates; computations with the aid of a computer; and topographical property and construction surveying. Students will take part in field operations using equipment such as auto levels, theodolites, EDM, GPS, and total station. 2 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 3

Prerequisite or corequisite: MATH 131 or MATH 172

Outline (http://catalog.jccc.edu/spring/coursedescriptions/engr/#ENGR_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60893 001 F2F	M-W----	05:30-07:10 PM	06/02/14-07/23/14	ITC 185	TBA	12 of 12
	M-W----	07:15-09:45 PM	06/02/14-07/23/14	ITC 185		

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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/spring/coursedescriptions/engr/#ENGR_251)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60672 001 F2F	-T-R---	06:00-08:25 PM	06/03/14-07/24/14	ITC 181	Setser D	20 of 20

Note: Students with questions about the prerequisites for this course should contact Susan Johnson at susanj@jccc.edu or 913-469-8500 x3363

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/spring/coursedescriptions/entr/#ENTR_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60087 500 INT	-----	-	06/02/14-07/24/14		Duffey D	20 of 20

ENTR 215 - Entrepreneurship Internship II

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

Credit Hours: 1

Prerequisites: ENTR 210 and department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/entr/#ENTR_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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Fashion Merchandising/Design

FASH 121 - Fashion Fundamentals

Upon successful completion of this course, the student should be able to define appropriate fashion terminology and explain the structure of the industry, including the design process and marketing of the fashion product. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60092 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Rhodes J	20 of 20

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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/spring/coursedescriptions/fash/#FASH_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60110 001 F2F	MTWR---	08:00-10:50 AM	06/02/14-07/24/14	OCB 343A	Hillen D	4 of 4
60112 002 F2F	-T-R---	11:00-04:45 PM	06/03/14-07/24/14	OCB 343A	Delaney G	6 of 6
60116 003 F2F	M-W----	11:00-04:45 PM	06/02/14-07/23/14	OCB 343A	Mayo S	4 of 4

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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/spring/coursedescriptions/fash/#FASH_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60111 001 F2F	MTWR---	08:00-10:50 AM	06/02/14-07/24/14	OCB 343A	Hillen D	4 of 4
Kansas State Bill 155						
60115 002 F2F	-T-R---	11:00-04:45 PM	06/03/14-07/24/14	OCB 343A	Delaney G	6 of 6
Kansas State Bill 155						
60117 003 F2F	M-W----	11:00-04:45 PM	06/02/14-07/23/14	OCB 343A	Mayo S	4 of 4
Kansas State Bill 155						

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/spring/coursedescriptions/fash/#FASH_143)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60119 001 F2F	MTWR---	08:00-10:50 AM	06/02/14-07/24/14	OCB 343A	Hillen D	4 of 4
Kansas State Bill 155						

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/spring/coursedescriptions/fash/#FASH_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60120 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hillen D	25 of 25

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FASH 200 - Garment Alterations I

Upon successful completion of this course, the student should be able to apply garment construction principles, techniques and skills in apparel construction and tailoring to garments in need of resizing or repair. The class will use lecture, demonstration and hands-on experience to teach the skills needed to plan and execute the adjustments necessary to resize the garment to a particular body. 6 hrs. Integrated lecture, lab/wk.

Credit Hours: 4

Associated Costs: \$100 to \$200

Prerequisite: FASH 143

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60247 001 F2F	M-W----	11:00-04:45 PM	06/02/14-07/23/14	OCB 343A	Mayo S	4 of 4

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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/spring/coursedescriptions/fash/#FASH_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60134 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Benjamin B	20 of 20

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/spring/coursedescriptions/fash/#FASH_283)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60121 500 INT	-----	-	06/02/14-07/24/14		McCrillis J	20 of 20

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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/spring/coursedescriptions/fash/#FASH_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60122 501 INT	-----	-	06/02/14-07/24/14		McCrillis J	20 of 20

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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/spring/coursedescriptions/fash/#FASH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60123 502 INT	-----	-	06/02/14-07/24/14		McCrillis J	20 of 20

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FASH 286 - Fashion Internship IV

Upon successful completion of this course, the student will have received 225 hours of work experience in an approved training environment. The student should be able to demonstrate the skills required in an entry level management position. An average of 15 hours on the job training/wk. is required.

Credit Hours: 1

Prerequisites: FASH 283 and FASH 284 and FASH 285 and 40 hours toward degree in Fashion Merchandising

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fash/#FASH_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60124 503 INT	-----	-	06/02/14-07/24/14		McCrillis J	20 of 20

Kansas State Bill 155

Foreign Language

FL 120 - Elementary German I

This course presents the sounds, vocabulary and basic structural patterns of German, focusing on the development of listening comprehension, speaking, reading and writing skills. Cultural material will be integrated into the course. 5 hrs. lecture/wk.

Credit Hours: 5

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60797 001 F2F	MTWR---	06:00-08:15 PM	06/02/14-07/24/14	GEB 238	McDonald T	24 of 24

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/spring/coursedescriptions/fl/#FL_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60798 001 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	GEB 281	Stephenson K	24 of 24
60800 002 F2F	MTWR---	10:30-12:45 PM	06/02/14-07/24/14	GEB 281	Stephenson K	24 of 24
60801 004 F2F	MTWR---	01:00-03:15 PM	06/02/14-07/24/14	GEB 281	Perriguet-Keene H	22 of 22
60802 005 F2F	MTWR---	06:00-08:15 PM	06/02/14-07/24/14	GEB 281	Gonzalez E	22 of 22

60804	376 HYB	M-W----	08:00-08:50 PM	06/02/14-07/23/14	CC 325	Hillen J	20 of 20
		-----	-	06/02/14-07/23/14			
60805	377 HYB	-T-R---	08:00-08:50 AM	06/03/14-07/24/14	CC 312	Hillen J	20 of 20
		-----	-	06/03/14-07/24/14			

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/spring/coursedescriptions/fl/#FL_131)

CRN		Days	Time	Date	Location	Instructor	Seats Open
60806	001 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	CC 352	Tredway S	24 of 24
60808	003 F2F	MTWR---	06:00-08:15 PM	06/02/14-07/24/14	CC 229	Thornton S	24 of 24

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/spring/coursedescriptions/fl/#FL_140)

CRN		Days	Time	Date	Location	Instructor	Seats Open
60809	001 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	CC 323	Funaro J	24 of 24

FL 141 - Elementary French II

This course continues the presentation of the material introduced in Elementary French I. Graded reading selections will be used as the basis for conversation. Placement test recommended: can be taken at the Testing Center. 5 hrs. lecture/wk.

Credit Hours: 5

Prerequisite: FL 140 or one year of high-school French

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60810 001 F2F	MTWR---	10:30-12:45 PM	06/02/14-07/24/14	CC 323	Funaro J	24 of 24

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.

Note: FL 180 and INTR 120 are available for general enrollment; admission to the program is not required. FL 180 and INTR 120 are the same course. Do not enroll in both.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60582 001 F2F	MTW----	08:00-11:05 AM	06/02/14-07/23/14	GEB 215	Kuhns K	15 of 15

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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.

Note: The following course is available for general enrollment; admission to the program is not required. FL 181 and INTR 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/spring/coursedescriptions/fl/#FL_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60583 001 F2F	MTW----	06:00-09:05 PM	06/02/14-07/23/14	GEB 215	Symansky R	15 of 15

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Note: Until May 12, 2014, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 12, 2014, anyone may enroll if there are seats available.

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/spring/coursedescriptions/fl/#FL_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60811 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 321	Finnie J	24 of 24
60812 002 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 323	Sommerville A	24 of 24

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/spring/coursedescriptions/fl/#FL_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60813 001 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 321	Finnie J	24 of 24
60814 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 323	Finnie J	24 of 24

FL 234 - Conversational Spanish

This course enhances students' ability to express themselves orally in Spanish through vocabulary building and reiteration of essential grammatical structures. The vocabulary emphasizes everyday life situations and current events. Placement test recommended: can be taken in the Testing Center. 2 hrs. lecture/wk.

Credit Hours: 2

Prerequisite: FL 230 with a grade of "B" or higher; or FL 231 with a grade of "C" or higher; or four years of high-school Spanish; or the score equivalent to FL 231 on the placement test

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60815 001 F2F	M-W----	02:00-03:50 PM	06/02/14-07/23/14	CC 321	Gonzalez E	15 of 15

FL 240 - Intermediate French I

In this course, students begin a more in-depth study of French grammar and vocabulary as they improve their mastery of the four communicative skills (listening, speaking, reading and writing). Reading assignments (from literary, journalistic and Internet sources) will be more advanced and writing assignments will be more extensive at the Intermediate level. Placement test recommended: can be taken at the Testing Center. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: FL 141 or two years of high-school French

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60816 001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 332	Adams M	24 of 24

FL 243 - Conversational French

This course is designed to build spontaneous speaking ability. Everyday situations and current events will be discussed in class. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$1 to 3

Prerequisite: FL 141 or two years of high-school French

Outline (http://catalog.jccc.edu/spring/coursedescriptions/fl/#FL_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60817 001 F2F	-T-R---	02:00-03:50 PM	06/03/14-07/24/14	CC 321	Adams M	15 of 15

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/spring/coursedescriptions/flr/#FLR_200)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60303 001 F2F	M-----	08:00-12:59 PM	06/02/14-07/21/14	HSC 121	Ryan D	15 of 15
	-T-----	08:00-02:30 PM	06/03/14-07/22/14	HSC 124		

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Game Development

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

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/spring/coursedescriptions/game/#GAME_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60739 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Fleming R	15 of 15

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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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/game/#GAME_105)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60734 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Fleming R	15 of 15

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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/spring/coursedescriptions/gdes/#GDES_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60537 001 F2F	-T-----	06:00-08:30 PM	06/03/14-07/22/14	LIB 353B	Wilson N	22 of 22
	---R---	06:00-08:30 PM	06/05/14-07/24/14	SCI 222		

Kansas State Bill 155

60538 002 F2F	--W----	06:00-08:30 PM	06/04/14-07/23/14	LIB 353B	Wilson N	22 of 22
	---R---	06:00-08:30 PM	06/05/14-07/24/14	SCI 222		

Kansas State Bill 155

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60562 001 F2F	-T-R---	09:00-11:50 AM	06/03/14-07/24/14	CLB 412	Kozak S	24 of 24
60563 002 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	CLB 412	Kozak S	24 of 24

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 \(http://catalog.jccc.edu/spring/coursedescriptions/geos/#GEOS_145\)](http://catalog.jccc.edu/spring/coursedescriptions/geos/#GEOS_145)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60564 001 F2F	-T-R---	01:00-03:50 PM	06/03/14-07/24/14	CLB 412	Maher J	24 of 24
60565 002 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 412	Anderson C	24 of 24
60566 400 MED	-----	-	06/02/14-07/24/14		Maher J	24 of 24

Note: All tests must be taken in the JCCC Testing Center. The course syllabus, assignment schedule, part of assignments, and other course materials will be made available through the Course Homepage or distributed through email. This is NOT an online course. Instructor will send an intro. email providing additional information about one week before course begins.

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, 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/spring/coursedescriptions/hc/#HC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60841 376 HYB	-T-----	06:00-07:30 PM	06/03/14-07/22/14	CC 338	Merchant A	25 of 25
	-----	-	06/03/14-07/22/14	Online		
Kansas State Bill 155						
60842 377 HYB	---R---	06:00-07:30 PM	06/05/14-07/24/14	CC 338	Merchant A	25 of 25
	-----	-	06/05/14-07/24/14	Online		
Kansas State Bill 155						
60843 380 HYB	--W----	08:30-10:00 AM	06/04/14-07/23/14	 OHEC 217	Laughlin M	25 of 25
	-----	-	06/04/14-07/23/14	Online		
Kansas State Bill 155						
60844 381 HYB	--W----	10:30-12:00 PM	06/04/14-07/23/14	 OHEC 217	Laughlin M	25 of 25
	-----	-	06/04/14-07/23/14	Online		
Kansas State Bill 155						

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. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 2 hrs. lecture/wk.

Credit Hours: 2

Associated Costs: \$20

Prerequisites: HCI 130 with a grade of "C" or higher and HCI 140 with a grade of "C" or higher and Prerequisite or corequisite: HC 101 with a grade of "C" or higher

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hci/#HCI_180)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60640 500 INT	-T-----	06:00-09:00 PM	06/02/14-07/24/14	 KUMED	Groneman B	5 of 5
Kansas State Bill 155						

Note: This class will meet in the instructor's office at KU Medical Center, CRC 1100. Contact Brooke Groneman for more information at bgronema@jccc.edu.

Requirement: Department approval

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.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hcis/#HCIS_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60880 351 ONLINE	-----	-	06/04/14-07/02/14	Online	Lingerfelt D	15 of 15
Kansas State Bill 155						
60881 376 HYB	--W----	09:00-11:50 AM	06/04/14-07/02/14	RC 185	Lingerfelt D	15 of 15
	-----	-	06/04/14-07/02/14	Online		
Kansas State Bill 155						

HCIS 255 - Introduction to Information and Computer Science

This course provides a basic overview of computing concepts with periodic ties to the healthcare sector. Topics include computing terms; computer architecture; data organization, representation, and structure; structure of programming languages; and networking and data communication. The design and development of a large computing system, such as one for an electronic health record, is also discussed. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hcis/#HCIS_255)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60882 350 ONLINE	-----	-	06/02/14-06/30/14	Online	Brooks L	15 of 15

HCIS 263 - Working with Health Information Technology Systems

This course provides an opportunity to work with a real or simulated health information technology (HIT) system. Course topics include information exchange and standards as well as system usability, security, and integration. 2 hrs. lecture/wk.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hcis/#HCIS_263)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60883 350 ONLINE	-----	-	06/02/14-06/30/14	Online	Lingerfelt D	15 of 15

Kansas State Bill 155

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.

Note: Qualified enrollment approval required. Please contact (913) 469-8500, ext. 4928 for approval.

Credit Hours: 2

Prerequisite: Department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hcis/#HCIS_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60884 350 ONLINE	-----	-	06/02/14-06/30/14	Online	Foley S	15 of 15

Kansas State Bill 155

History

HIST 125 - Western Civilization: Readings and Discussion I

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60400 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 279	Harward S	25 of 25
60401 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 279	Harward S	25 of 25
60403 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 279	Roberts M	25 of 25

HIST 126 - Western Civilization: Readings and Discussion II

The course explores the major developments, ideas and personalities that, for the past 500 years, have shaped Western civilization. Organized around a readings and discussion format, the course allows students to engage some of the world's most provocative and influential literature. Western Civilization II begins with the three revolutions that define modernity the Scientific, French, and Industrial. The course also highlights the new ideologies of the 19th century and more recent themes of modernization and the cultural crisis of the 20th century. 3 hrs. lecture/wk. It is not necessary to take HIST 125 before HIST 126. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_126\)](http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_126)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60404 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	PA 145	Murtaugh D	25 of 25
60405 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	PA 145	Murtaugh D	25 of 25

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60406 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 126A	Hoare T	35 of 35
60407 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Boucher D	25 of 25

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_140)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60408 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 126B	Harvey D	35 of 35
60409 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 126B	Harvey D	35 of 35
60410 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Boyle S	25 of 25
60411 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Boyle S	25 of 25
60412 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Mack J	25 of 25

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. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_141)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60414 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 342	Schloss R	35 of 35
60415 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 342	Schloss R	35 of 35
60901 003 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 126B	Harvey D	35 of 35
60417 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 126A	Niermann T	35 of 35
60418 005 F2F	MTWR---	09:30-12:00 PM	06/30/14-07/24/14	PA 144	Rider J	24 of 24
60419 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Clark V	25 of 25
60420 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Mischka S	25 of 25
60421 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Mischka S	25 of 25
60422 353 ONLINE	-----	-	06/02/14-07/24/14	Online	Mack J	25 of 25

HIST 145 - History of Ancient Rome

This course will cover Roman civilization and history from its emergence until the fifth century C.E. In addition to political, military, and social and economic developments, Roman literature and art will also be highlighted. Rome's significance for later western civilization will be noted. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60423 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 126A	Stockton W	35 of 35

HIST 149 - History of India

This course is a broad and thematic introduction to the history of India. The course covers Indian culture and civilizations from the ancient Indus River Valley Civilization to the present nation state of India. Multiple modes of inquiry and source materials are important for historical analysis, and this course considers literature, art, architecture and other forms of cultural aesthetics in relation to political, economic, material, and religious developments. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hist#HIST_149)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60424 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Boucher D	25 of 25

Hospitality Management

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

HMGT 281 - Culinary Arts Practicum I

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation.

Credit Hours: 2

Associated Costs: \$100 to 300

Prerequisite: Acceptance into the American Culinary Federation Chef Apprenticeship training program and hospitality management department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmgt#HMGT_281)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60002 500 INT	-----	-	06/02/14-07/24/14		Sturmer F	5 of 5

Kansas State Bill 155

Requirement: Department approval

HMGT 282 - Culinary Arts Practicum II

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum I.

Credit Hours: 2

Prerequisite: HMGT 281

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmgt#HMGT_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60003 501 INT	-----	-	06/02/14-07/24/14		Sturmer F	10 of 10

Kansas State Bill 155

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/spring/coursedescriptions/hmgt#HMGT_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60047 502 INT	-----	-	06/02/14-07/24/14		Sturmer F	10 of 10

Kansas State Bill 155

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/spring/coursedescriptions/hmgt#HMGT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60048 503 INT	-----	-	06/02/14-07/24/14		Sturmer F	10 of 10

Kansas State Bill 155

Requirement: Department approval

HMGT 287 - Culinary Arts Practicum V

A qualified chef who is a member of the American Culinary Federation will supervise this on-the-job apprentice training. Upon successful completion of this course, the student should be able to apply food preparation and presentation techniques and gain experience in all phases of food service operation. This course is a continuation of Culinary Arts Practicum IV.

Credit Hours: 2

Prerequisite: HMGT 286

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hmgt#HMGT_287)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60049 504 INT	-----	-	06/02/14-07/24/14		Sturmer F	10 of 10

Kansas State Bill 155

Requirement: Department approval

Horticulture

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

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/spring/coursedescriptions/hort/#HORT_160)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60567 001 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	HSC 124	Boyce B	24 of 24

Kansas State Bill 155

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/spring/coursedescriptions/hort/#HORT_214)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60568 380 HYB	Lab M-----	01:00-03:59 PM	06/02/14-07/21/14	HSC 121	Sreedhar L	24 of 24
	-----	-	06/02/14-07/21/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

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/spring/coursedescriptions/hort#HORT_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60569 380 HYB	-----	-	06/02/14-07/22/14	Online	Sreedhar L	24 of 24
	Lab -T-----	01:00-03:59 PM	06/03/14-07/22/14	HSC 121		

Mandatory Classroom Meetings

Kansas State Bill 155

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 240 - Turfgrass II

This course is a continuation of turfgrass I (HORT 140). Topics include green construction, top dressing, sprayer calibration, management programs (e.g., setting up a lawn care program) and the influence environment has on turfgrass growth. 2 hrs. lecture 2 hrs. lab/wk.

Credit Hours: 3

Prerequisite: HORT 140

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort#HORT_240)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60894 380 HYB	-----	-	06/02/14-07/24/14	Online	St John R	24 of 24
	---R---	06:00-07:50 PM	06/05/14-07/24/14	HSC 121		
	Lab ---R---	08:00-09:50 PM	06/05/14-07/24/14	HSC 124		

Mandatory Classroom Meetings

Kansas State Bill 155

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/spring/coursedescriptions/hort#HORT_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60570 500 INT	-----	-	06/02/14-07/24/14		Sreedhar L	10 of 10

Kansas State Bill 155

Requirement: Department approval

HORT 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.

Note: This course is part of the sequence for the Sustainable Agriculture Entrepreneurship Certificate.

Credit Hours: 2

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hort/#HORT_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60571 500 INT	---R---	09:00-09:50 AM	06/05/14-07/24/14	HSC 121	Shafer S	16 of 16
	---R---	10:00-11:50 AM	06/05/14-07/24/14	HSC 124		

Kansas State Bill 155

Note: Additional 4 hours of practicum must be scheduled with instructor.

Requirement: Department approval

Physical Ed, Health & Rec

HPER 100 - Basketball (Beginning)

Students will have an opportunity to learn fundamental basketball skills through demonstration and discussion of strategies for team play. Emphasis is on individual participation. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_100)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60305 001 F2F	M-W----	06:00-07:50 PM	06/02/14-07/23/14	GYM 003B	Morley R	30 of 30

HPER 101 - Basketball (Intermediate)

Students will have an opportunity to learn intermediate basketball skills through demonstration and discussion of strategies for team play. This course will advance the skills of the student who successfully completed the beginning basketball course. Emphasis is on individual participation and competition team play. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Prerequisite: HPER 100

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_101)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60306 001 F2F	M-W----	06:00-07:50 PM	06/02/14-07/23/14	GYM 003B	Morley R	30 of 30

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 towards all students, both beginners as well as those who have previous training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$12 to 15

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_104)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60307 001 F2F	-T-R---	08:00-09:50 PM	06/03/14-07/24/14	GYM 007	Zickefoose W	20 of 20
60308 002 F2F	MTW----	10:00-11:05 AM	06/02/14-07/23/14	GYM 007	Beattie-Nelson A	20 of 20
60309 003 F2F	MTWR---	08:00-08:50 AM	06/02/14-07/24/14	GYM 007	Triplett P	20 of 20
60310 004 F2F	MTWR---	09:00-09:50 AM	06/02/14-07/24/14	GYM 007	Triplett P	20 of 20

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60313 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Bloemker M	25 of 25

Note: All assignments and tests will be done online

60314 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Bloemker M	25 of 25
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Note: All assignments and tests will be done online

HPER 134 - Weight Training (Beginning)

In this class, muscular strength and endurance will be developed through weight training activity. A workout program will be implemented for each student. The muscular system, basic terminology of weight training and weight training theory will be discussed. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_134)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60315 001 F2F	M-W----	06:00-07:50 PM	06/02/14-07/23/14	GYM 022	Ayoade F	30 of 30
60316 002 F2F	-T-R---	10:00-11:50 AM	06/03/14-07/24/14	GYM 022	Taylor S	30 of 30
60317 003 F2F	M-W----	10:00-11:50 AM	06/02/14-07/23/14	GYM 022	Taylor S	30 of 30

HPER 135 - Weight Training (Intermediate)

In this class, muscular strength and endurance will be developed. A self-designed and directed resistance workout program will be implemented. The proper use of a training log and personal fitness evaluation techniques will be discussed. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Prerequisite: HPER 134

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60318 001 F2F	M-W----	06:00-07:50 PM	06/02/14-07/23/14	GYM 022	Ayoade F	30 of 30
60319 002 F2F	-T-R---	10:00-11:50 AM	06/03/14-07/24/14	GYM 022	Taylor S	30 of 30
60320 003 F2F	M-W----	10:00-10:50 AM	06/02/14-07/23/14	GYM 022	Taylor S	30 of 30

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$30 to 40

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60321 001 F2F	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	GYM 537	Alarico A	20 of 20

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$30 to 40

Prerequisite: HPER 137

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60322 001 F2F	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	GYM 537	Alarico A	20 of 20

HPER 150 - Aerobics (Beginning)

Motor skills, jogging and dance steps are combined in this exercise program to improve muscle tone and cardiovascular fitness. 2 hrs. wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60323 001 F2F	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	GYM 007	Zickefoose W	20 of 20

HPER 155 - Ballet (Beginning)

This progressive ballet system is designed to produce muscular strength and flexibility and a working knowledge of anatomy, plus the aesthetic satisfaction of expressing yourself through a classical art form. Offered to students of all ages and experience, both beginners as well as those who have had some training. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$17 to 30

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60324 001 F2F	M-W----	01:00-02:50 PM	06/02/14-07/23/14	GYM 007	Phillips D	20 of 20

HPER 158 - Jazz Dance (Beginning)

An introduction to the concepts and motor skills involved with jazz dance. Basic body position will be introduced as well as basic terminology, jazz history, various jazz styles and the basic techniques involved, isolations, combinations, choreography and rhythmic influences. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$7 to 30

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_158)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60325 001 F2F	M-W----	03:00-04:50 PM	06/02/14-07/23/14	GYM 007	Phillips D	20 of 20

HPER 176 - Self Defense I

The class will present students with a variety of techniques for escaping a physical attack. Students will receive an introduction to the four ranges of self defense: ground, grappling, striking, and weapons. Students will learn the principles that apply in any self defense situation and the basic positions and structure of each range. The class is appropriate for beginners as well as those with previous self defense or martial arts training. 2 hrs. activity/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_176)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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. HPER 185 Archery classes will meet in the lobby in the gym building by room 116. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Associated Costs: \$10 to 20

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60328 001 F2F	-T-----	08:10-11:20 AM	06/03/14-07/22/14	GYM 125	Carter C	25 of 25

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_192)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60329 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Carrier D	25 of 25

Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

60330 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Carrier D	25 of 25
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Note: The course will incorporate the same content and expectations as the traditional on-campus course. All assignments and tests will be online

HPER 195 - Introduction to Sports Medicine

The purpose of this class is to introduce the basic concepts of sports medicine, specifically Athletic Training. It will address the fundamentals of the human musculoskeletal system, sports related injuries, injury treatment, and other sports medicine related topics. This class is designed for beginning athletic training students and other students interested in the subject. 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_195)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60332 001 F2F	MTWR---	01:30-02:50 PM	06/02/14-07/24/14	GYM 013	Edwinson B	20 of 20

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 2

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_200)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60333 001 F2F	M-W----	06:00-07:50 PM	06/02/14-07/23/14	GYM 021	Hootman T	18 of 18
Kansas State Bill 155						
60334 002 F2F	M-W----	08:00-09:50 PM	06/02/14-07/23/14	GYM 021	Hootman T	18 of 18
Kansas State Bill 155						
60335 003 F2F	MTWR---	09:00-10:50 AM	06/02/14-06/26/14	GYM 021	Hootman T	18 of 18
Kansas State Bill 155						
60336 004 F2F	MTWR---	10:00-11:50 AM	06/30/14-07/24/14	GYM 021	Hootman T	18 of 18
Kansas State Bill 155						

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. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_202)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60337 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Mallory L	25 of 25

Note: All assignments and tests will be online

60338	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Stinson J	25 of 25
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Note: All assignments and tests will be online

60339	352 ONLINE	-----	-	06/02/14-07/24/14	Online	Mallory L	25 of 25
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Note: All assignments and tests will be online

60340	353 ONLINE	-----	-	06/02/14-07/24/14	Online	Mallory L	25 of 25
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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 & compass, outdoor safety and how to dress and pack for outdoor adventures. The course is typically a full semester course that can be offered online and/or face-to-face 3 hrs. lecture/wk. This course will not meet the general education requirement for Health and/or Physical Education.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_224)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60341	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Burgess C	25 of 25

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

This course is designed to provide an effective exercise circuit system to help the student develop overall muscle tone and cardiovascular conditioning. The Lifetime Fitness and Wellness manual will emphasize the value of developing a total lifetime fitness attitude with optional lectures available to enhance the student's knowledge of the benefits of a lifetime fitness program. This course requires an initial orientation. After the orientation, the class becomes an open-lab format. Three 40 minute visits/wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60343	001 F2F	-----	-	06/02/14-07/24/14	GYM 103	Hall T	300 of 300

Lifetime Fitness

Note: Lifetime Fitness I requires an initial hour and a half orientation. You must bring to your orientation, your new Lifetime Fitness and Wellness Manual, a pen, your JCCC ID and be on time. (A new manual is required due to copyright law s.) After the orientation, the class becomes an open-lab format. To schedule your orientation, or for more information, call 913-469-4432, or come up to the Fitness Center - Gym 103. Orientations will begin on Tuesday, May 27, 2014 and end on Sunday, June 8, 2014 or you will be dropped for non-attendance

HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 240

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60344 001 F2F	-----	-	06/02/14-07/24/14	GYM 103	Triplett P	125 of 125

Lifetime Fitness

HPER 242 - Lifetime Fitness III

This course is a continuation and expansion of Lifetime Fitness II. This course will meet the general education requirement for Health and/or Physical Education. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 241

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60345 001 F2F	-----	-	06/02/14-07/24/14	GYM 103	Hall T	100 of 100

Lifetime Fitness

HPER 243 - Lifetime Fitness IV

This course is a continuation and expansion of Lifetime Fitness III. This course will meet the general education requirement for Health and/or Physical Education. This course may be repeated for credit towards graduation. 2 hrs./wk.

Credit Hours: 1

Prerequisite: HPER 242

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_243\)](http://catalog.jccc.edu/spring/coursedescriptions/hper/#HPER_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60346 001 F2F	-----	-	06/02/14-07/24/14	GYM 103	Hall T	125 of 125

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 \(http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_122\)](http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_122)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60258 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 344	Murphy J	35 of 35
60259 002 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 344	Noble T	35 of 35
60260 003 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 344	Carpenter W	35 of 35
60261 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Garrett M	25 of 25
60262 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Garrett M	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_145\)](http://catalog.jccc.edu/spring/coursedescriptions/hum/#HUM_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60263 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Murphy J	25 of 25

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/spring/coursedescriptions/hum/#HUM_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60264 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 338	Norcott-Mahany B	35 of 35
60265 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Norcott-Mahany B	25 of 25

Heating,Vent.,Air Conditioning

HVAC 121 - Basic Principles of HVAC

This is a beginning course in heating, ventilation and air conditioning technology that is appropriate for HVAC majors and other interested students. Upon successful completion of this course, the student should be able to identify the function of the basic components of an air-conditioning system. Topics will include heat laws, refrigerants, oils and refrigeration cycles of residential and light commercial systems. In the lab, students will design, assemble and operate a working refrigeration system. Competencies will include brazing, wiring, evacuating and charging a system. The student will be required to provide ANSI Z87 safety glasses and may be expected to provide other basic hand tools and/or equipment. 3 hrs. lecture, 3 hrs. lab/wk.

Credit Hours: 4

Associated Costs: \$30 to 150

Prerequisite or corequisite: HVAC 123 or ELTE 123

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60641 001 F2F	M-WR---	06:00-07:50 PM	06/02/14-07/24/14	ATB 127	Reno G	18 of 18
	M-WR---	08:00-09:50 PM	06/02/14-07/24/14	ATB 148		

Kansas State Bill 155

HVAC 150 - Refrigerant Management and Certification

Upon successful completion of this course, the student should have knowledge and confidence necessary to pass the EPA Refrigerant Certification exam and properly, efficiently and responsibly handle refrigerants as set forth in the Clean Air Act of 1990. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60642 001 F2F	---R---	08:00-05:00 PM	06/05/14-06/12/14	ATB 127	Hendren H	26 of 26

Kansas State Bill 155

HVAC 271 - HVAC 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 hr. lecture, minimum 15 hrs. on-the-job training/wk.

Credit Hours: 3

Prerequisite: Department approval required

Outline (http://catalog.jccc.edu/spring/coursedescriptions/hvac/#HVAC_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60643 500 INT	-----	-	06/02/14-07/24/14		Hendren H	5 of 5

Kansas State Bill 155

Requirement: Department approval

Industrial Technology

INDT 125 - Industrial Safety/OSHA 30

This course introduces the student to basic safety policies, procedures, and regulations. The student should be able to list various safety, health, and environmental topics, and recognize the need for an ongoing safety program. Upon successful completion of this course, including attendance and grade requirements, the students may be eligible for the OSHA General Industry Health and Safety Training card. 3 hr. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/indt/#INDT_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60879 001 F2F	----S-	08:00-05:00 PM	06/14/14-07/19/14	ATB 127	Burks D	25 of 25

Kansas State Bill 155

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/spring/coursedescriptions/indt#INDT_155)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60885 001 F2F	---F--	09:00-10:50 AM	06/06/14-07/18/14	ATB 127	Bedell T	20 of 20

Kansas State Bill 155

Information Technology

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/spring/coursedescriptions/it#IT_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60773 377 HYB	M-W----	01:00-02:50 PM	06/02/14-07/23/14	RC 350	Renfro T	15 of 15
	-----	-	06/02/14-07/23/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

60774 378 HYB	M-W----	06:00-07:50 PM	06/02/14-07/23/14	RC 350	Renfro T	15 of 15
	-----	-	06/02/14-07/23/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

IT 145 - Routing Protocols and Concepts

This course is designed to provide students with a fundamental understanding of network routing and the operation of routers. Students successfully completing this course will be able to configure common routing protocols such as RIP (Routing Information Protocol), EIGRP (Enhanced Interior Gateway Routing Protocol), and OSPF (Open Shortest Path First), and design and implement addressing schemes using subnetting and CIDR (Classless Inter Domain Routing). Laboratory exercises will accompany lectures. 3 hrs. lecture, 2 hrs. open lab/wk.

Credit Hours: 3

Prerequisites: IT 140

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_145)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60777 376 HYB	-T-R---	10:00-11:50 AM	06/03/14-07/24/14	RC 352	Akkam M	15 of 15
	-----	-	06/03/14-07/24/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

60778 377 HYB	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	RC 352	Akkam M	15 of 15
	-----	-	06/03/14-07/24/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

IT 205 - Implementing Windows Client

The focus of this course is the use of Microsoft Windows as an operating system in a business environment. Planning a simple network system, installation and configuration of the software and hardware, resource management, connectivity, running application software under Windows, monitoring and optimizing system hardware, and troubleshooting all lead the student to a deeper understanding of local area network use and administration. 2 hrs. lecture, 2 hrs. instructional lab, 1 hr. open lab/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60779 376 HYB	M-W----	06:00-07:50 PM	06/02/14-07/23/14	RC 340	Gordon J	15 of 15
	-----	-	06/02/14-07/23/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

IT 209 - LAN Switching

This course is designed to provide students with the necessary knowledge and skills to interconnect and configure network switches. Students successfully completing this course should be able to perform basic switch administration tasks including installing, configuring and troubleshooting. Students will build Local Area Networks (LANs) based on the hierarchical design model supported by Virtual LANs (VLANs) and the Spanning Tree Protocol (STP). 3 hrs. lecture and 2 hrs. open lab/wk.

Credit Hours: 4

Prerequisite: IT 140

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_209)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60780 376 HYB	M-W----	06:00-07:50 PM	06/02/14-07/23/14	RC 352	TBA	15 of 15
	-----	-	06/02/14-07/23/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

60781 377 HYB	-T-R---	01:00-02:50 PM	06/03/14-07/24/14	RC 350	Al-Rawi A	15 of 15
	-----	-	06/03/14-07/24/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

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

Prerequisites: IT 205

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60890 376 HYB	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	RC 340	TBA	15 of 15
	-----	-	06/03/14-07/24/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

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 execute common Linux commands and utilities; and accomplish system tasks such as navigating the file system, applying file system security, managing user accounts, using the printing environment, 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/spring/coursedescriptions/it/#IT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60782 376 HYB	M-W----	06:00-07:50 PM	06/02/14-07/23/14	RC 346	Golden T	15 of 15
	-----	-	06/02/14-07/23/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

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/spring/coursedescriptions/it/#IT_247)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60783 376 HYB	-T-R---	06:00-07:50 PM	06/03/14-07/24/14	RC 350	Al-Rawi A	15 of 15
	-----	-	06/03/14-07/24/14	Online		

Mandatory Classroom Meetings

Kansas State Bill 155

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/spring/coursedescriptions/it/#IT_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60784 500 INT	-----	-	06/02/14-07/24/14		Akkam M	5 of 5

Kansas State Bill 155

IT 272 - Information Technology Internship II

This course is a continuation of IT 271, Internship I. It provides the student additional opportunity to apply classroom knowledge to an actual work environment. Students will work a total of 300 hours per semester at an approved job site.

Credit Hours: 3

Prerequisites: IT 271 and department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/it/#IT_272)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60785 500 INT	-----	-	06/02/14-07/24/14		Akkam M	5 of 5

Mandatory Classroom Meetings

Kansas State Bill 155

Interior Design

Missouri residents, see Reverse Cooperative Information (<http://www.jccc.edu/cooperative/cooperative-mcc-residents.html>)

ITMD 121 - Interior Design

This course provides basic, introductory knowledge about interior design. Upon successful completion of this course, the student should understand the significance of interior design, complete projects using the elements and principles of design and color theory in interior spaces, use space planning skills to arrange furniture on a floor plan, and present the floor plan and its decorative scheme. 3 hrs. lecture/wk.

Credit Hours: 3

Associated Costs: \$75 to 100

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60059 001 F2F	M-W----	09:00-11:45 AM	06/02/14-07/23/14	GEB 356	Erwin H	20 of 20

Kansas State Bill 155

ITMD 127 - Elements of Floral Design

This course provides in-depth knowledge and hands-on application of floral design. Upon successful completion of this course, the student should be able to use the principles of floral design, develop a proficiency in the techniques of line and mass arrangements, possess a greater appreciation for flowers and other plant material, apply the mechanics and design considerations involved in working with silk and dried materials, and design and create silk and dried floral arrangements. 1.5 hrs. integrated lecture, lab/wk.

Credit Hours: 1

Associated Costs: \$100 to 150

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_127)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60060 001 F2F	--W----	06:00-09:00 PM	06/04/14-07/23/14	HSC 121	Ryan D	15 of 15

Kansas State Bill 155

ITMD 148 - History of Asian Furniture and Design

This course provides in-depth knowledge in the study of Asian furniture and ornament. Upon successful completion of this course, the student will be able to analyze and compare furniture, ornamentation, design motifs and textiles of the Near East and Far East during historical periods from antiquity to modern times. The student should be able to identify the religious, political and social influences on the ornamentation and furnishings of each period. In addition, the student should be able to identify the craftsmanship and materials used in the furniture of each historical period and to demonstrate the use of correct vocabulary related to each era. 2 hrs. lecture/wk.

Credit Hours: 2

Outline (http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_148)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60902 376 HYB	---R---	09:30-12:00 PM	06/05/14-07/03/14	GEB 356	Green D	18 of 18
	-----	-	06/05/14-07/03/14	Online		

ITMD 150 - Asian Rugs and Carpets

This course provides in-depth knowledge in the study of Asian carpets and rugs. Upon successful completion of this course, the students will be able to analyze and compare materials, ornamentation, design motifs and textiles of the Near East and Far East during historical periods from antiquity to modern times. The student should be able to identify the religious, political and social influences on the ornamentation and furnishings. In addition, the student should be able to demonstrate the use of correct vocabulary. 1 hr. lecture/wk.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_150\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_150)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60903 001 F2F	-T-----	09:00-12:25 PM	06/03/14-06/24/14	GEB 356	Erwin H	20 of 20

Kansas State Bill 155

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 240 hours per semester of on-the-job training is required.

Credit Hours: 1

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

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_282\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_282)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60081 500 INT	-----	-	06/02/14-07/24/14	GEB	Kalkofen B	20 of 20

Kansas State Bill 155

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 240 hours per semester of on-the-job training is required.

Credit Hours: 1

Prerequisites: ITMD 121 with a grade of "C" or higher and ITMD 282 with a grade of "C" or higher

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_284\)](http://catalog.jccc.edu/spring/coursedescriptions/itmd/#ITMD_284)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/jour/#JOUR_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60207 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Baumgardner M	25 of 25
60208 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Crable C	25 of 25

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/spring/coursedescriptions/jour/#JOUR_269)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60243 500 INT	-----	-	06/02/14-07/24/14		Raduziner M	14 of 14

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/spring/coursedescriptions/jour/#JOUR_270)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60244 500 INT	-----	-	06/02/14-07/24/14		Raduziner M	14 of 14

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/spring/coursedescriptions/jour/#JOUR_271)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60245 500 INT	-----	-	06/02/14-07/24/14		Raduziner M	14 of 14

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 121 - Introduction to Law

Upon successful completion of this course, the student should be able to explain the major substantive and procedural aspects of law. This course provides an overview of the legal system and knowledge of specific legal topics, including torts, criminal law, contracts, family law, business law, real estate and probate. This course is a requirement for applying to the paralegal program and for completion of the legal nurse consultant program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60093 001 F2F	MTWR---	06:00-08:30 PM	06/02/14-06/26/14	GEB 258	Tebbe A	30 of 30
Kansas State Bill 155						
60094 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Fordham N	22 of 22
Kansas State Bill 155						

LAW 123 - Paralegal Professional Studies

Upon successful completion of this course, the student should be able to explain the legal assistant profession. Topics will include paralegal licensing, certification, education, employment and professional ethics. The course is required for students seeking admission to the paralegal program. 1 hr. lecture/wk.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_123)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60095 001 F2F	MTWR---	05:00-05:50 PM	06/02/14-06/26/14	GEB 258	Tebbe A	30 of 30
Kansas State Bill 155						
60096 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Tebbe A	22 of 22
Kansas State Bill 155						

LAW 275 - Paralegal Internship I

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal; draft a cover letter and resume; and submit final evaluations by the employer and student. Obtaining an internship is the responsibility of the individual student. 120 internship hours

Credit Hours: 1

Prerequisite: Admission to the legal studies program

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_275)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60099 500 INT	-----	-	06/02/14-07/24/14		Tebbe A	35 of 35

Kansas State Bill 155

LAW 276 - Paralegal Internship II

This course provides the student with an opportunity to gain practical work experience under the supervision of an attorney in day-to-day, on-site office work. The student must complete 120 hours of work at the internship site. In addition to on-site work, the student will meet with the internship instructor during the internship period four times and complete all requirements; keep an eight-week log; interview a practicing paralegal manager; participate in a mock job interview; and submit final evaluations by the employer and the student. Obtaining an internship is the responsibility of the individual student.

Credit Hours: 1

Prerequisite: LAW 275

Outline (http://catalog.jccc.edu/spring/coursedescriptions/law/#LAW_276)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60100 500 INT	-----	-	06/02/14-07/24/14		Tebbe A	35 of 35

Kansas State Bill 155

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. 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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 1

Corequisite: Concurrent enrollment in a math course

Outline (http://catalog.jccc.edu/spring/coursedescriptions/lis/#LS_174)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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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/spring/coursedescriptions/lis/#LS_178)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60840 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-06/19/14	LIB 303	Kanter F	12 of 12

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 may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. This course does not fulfill degree requirements. 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/spring/coursedescriptions/math/#MATH_111)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60649 010 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CLB 403	TBA	24 of 24

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 9:30 a.m. until 11:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60650 040 F2F	M-W----	02:00-04:50 PM	06/02/14-07/23/14	OCB 308	Phillips V	24 of 24
60651 050 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 209	Dunaway J	24 of 24

60654	200 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	 LCS	Fischer E	24 of 24
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60655	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Fischer E	24 of 24
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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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60656	450 SEL	-----	-	06/02/14-07/23/15	Self Paced	Deas M	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu or 913-469-8500, ext. 4215. 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 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. MATH 115 may fulfill some certificate requirements, but will not fulfill degree requirements. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. 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/spring/coursedescriptions/math/#MATH_115)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60660	011 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 381	Edmonds B	24 of 24

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 9:00 a.m. until 10:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60659	012 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 381	Edmonds B	24 of 24
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60662	030 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CLB 213	Barlow R	24 of 24
		---R---	01:00-02:50 PM	07/24/14-07/24/14	CLB 203		

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 1:00 p.m. until 2:50 p.m. in

CLB 203. The final exam period is different from the normal class in both time and location. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60664	050 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 205	Worthy M	30 of 30
60665	060 F2F	-T-R---	08:00-10:50 AM	06/03/14-07/24/14	GEB 340	Fortino L	30 of 30
60666	080 F2F	-T-R---	02:00-04:50 PM	06/03/14-07/24/14	OCB 308	Mages M	24 of 24
60667	090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	GEB 340	Esklund K	30 of 30
60668	200 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	 LCS	Fischer E	24 of 24
60669	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Imm C	24 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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60670	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Lewis J	24 of 24
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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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60671	450 SEL	-----	-	06/02/14-07/23/15	Self Paced	Deas M	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Mary Deas, at mdeas@jccc.edu or 913-469-8500, ext. 4215. 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 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. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details.

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/spring/coursedescriptions/math/#MATH_116)

CRN	Days	Time	Date	Location	Instructor	Seats Open
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60674 011 F2F MTWR--- 08:00-09:15 AM 06/02/14-07/24/14 CLB 211 Barlow R 30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 7:30 a.m. until 9:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60675 012 F2F MTWR--- 09:30-10:45 AM 06/02/14-07/24/14 CLB 211 Barlow R 30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 9:30 a.m. until 11:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60676 013 F2F MTWR--- 11:00-12:15 PM 06/02/14-07/24/14 GEB 315 Davis P 30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60678 031 F2F MTWR--- 02:00-03:15 PM 06/02/14-07/24/14 CLB 403 Hills M 30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 2:00 p.m. until 3:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60679 040 F2F M-W---- 08:00-10:50 AM 06/02/14-07/23/14 CLB 203 Herdt R 30 of 30

60680 041 F2F M-W---- 12:30-03:20 PM 06/02/14-07/23/14 GEB 340 Byrne M 30 of 30

60681 050 F2F M-W---- 06:00-08:50 PM 06/02/14-07/23/14 CLB 403 Hamler P 30 of 30

60682 080 F2F -T-R--- 02:00-04:50 PM 06/03/14-07/24/14 CLB 211 Putnam T 30 of 30

60683 090 F2F -T-R--- 06:00-08:50 PM 06/03/14-07/24/14 CLB 211 Worthy M 30 of 30

60684 350 ONLNE ----- - 06/02/14-07/24/14 Online O'Brien L 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60685 351 ONLNE ----- - 06/02/14-07/24/14 Online O'Brien L 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60896 352 ONLNE ----- - 06/02/14-07/24/14 Online Lefert K 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60686 450 SEL ----- - 06/02/14-07/23/15 Self Paced Reinhard V 5 of 5

Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to

enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu or 913-469-8500, ext. 4959. 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 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/spring/coursedescriptions/math/#MATH_118)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60687 450 SEL	-----	-	06/02/14-07/23/15	Self Paced	Reinhard V	5 of 5

Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu or 913-469-8500, ext. 4959. 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 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. This course may be offered as a Learning Community (LCOM) section. Please see the current credit course schedule for LCOM details. 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/spring/coursedescriptions/math/#MATH_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60688 010 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CLB 211	Ramaglia H	30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:30 a.m. until 1:20 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60689 090 F2F -T-R--- 06:00-08:50 PM 06/03/14-07/24/14 CLB 207 Sutherlin C 30 of 30

60690 350 ONLINE ----- - 06/02/14-07/24/14 Online Wilson S 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60691 351 ONLINE ----- - 06/02/14-07/24/14 Online Wilson S 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60692 450 SEL ----- - 06/02/14-07/23/15 Self Paced Reinhard V 5 of 5

Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor, Vivian Reinhard, at vreinhard@jccc.edu or 913-469-8500, ext. 4959. 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 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

Prerequisite: MATH 116 with a grade of "C" or higher or MATH 131 with a grade of "C" or higher or appropriate score on the math placement test.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_171)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60693 010 F2F	MTWR---	06:30-07:45 AM	06/02/14-07/24/14	CLB 207	Caldwell B	30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 6:00 a.m. until 7:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60694 011 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CLB 205	Robinson W	30 of 30
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 8:00 a.m. until 9:50 a.m. in the

regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60695	012 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CLB 205	Robinson W	30 of 30
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60698	014 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CLB 203	Cooper S	30 of 30
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:00 a.m. until 12:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60699	030 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CLB 211	Hills M	30 of 30
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		---R---	01:00-02:50 PM	07/24/14-07/24/14	GEB 340		
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 1:00 p.m. until 2:50 p.m. in GEB 340. The final exam period is different from the normal class in both time and location. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60700	031 F2F	MTWR---	02:00-03:15 PM	06/02/14-07/24/14	CLB 207	Davis P	30 of 30
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 2:00 p.m. until 3:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60701	040 F2F	M-W----	08:00-10:50 AM	06/02/14-07/23/14	GEB 340	Phillips V	30 of 30
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60702	041 F2F	M-W----	11:00-01:50 PM	06/02/14-07/23/14	CLB 205	Reinhard V	30 of 30
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60703	050 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	GEB 315	Jaggard C	30 of 30
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60705	060 F2F	-T-R---	11:00-01:50 PM	06/03/14-07/24/14	CLB 205	Dunham J	30 of 30
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Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 12:00 p.m. until 1:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60706	080 F2F	-T-R---	02:00-04:50 PM	06/03/14-07/24/14	CLB 205	Dunham J	30 of 30
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60707	090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	GEB 315	Cruce M	30 of 30
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60895	350 ONLNE	-----	-	06/02/14-07/24/14	Online	Veer P	24 of 24
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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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60708	450 SEL	-----	-	06/02/14-07/23/15	Self Paced	Veer P	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu or 913-469-8500, ext. 4700. 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 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/spring/coursedescriptions/math/#MATH_172)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60711 010 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CLB 402	Cooper S	24 of 24
60712 040 F2F	M-W----	11:00-01:50 PM	06/02/14-07/23/14	OCB 308	Menning M	24 of 24
60713 090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	CLB 209	Irvin S	24 of 24
60714 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Lewis J	18 of 18

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 7:30 a.m. until 9:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60897 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Lewis J	18 of 18
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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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60715 450 SEL	-----	-	06/02/14-07/23/15	Self Paced	Veer P	5 of 5
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Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu or 913-469-8500, ext. 4700. 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/spring/coursedescriptions/math/#MATH_173)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60716 010 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	GEB 313	Herken P	30 of 30
60717 011 F2F	MTWR---	11:00-01:15 PM	06/02/14-07/24/14	GEB 313	Putnam T	30 of 30

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/spring/coursedescriptions/math/#MATH_175)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60718 040 F2F	M-W----	02:00-04:50 PM	06/02/14-07/23/14	CLB 211	Herdt R	30 of 30

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/spring/coursedescriptions/math/#MATH_181)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60905 009 F2F	MTWR---	06:30-07:45 AM	06/02/14-07/24/14	CLB 213	TBA	24 of 24
60719 010 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CLB 213	TBA	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 8:00 a.m. until 9:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60722 011 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CLB 213	TBA	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60720 012 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CLB 213	Siebert K	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 12:00 p.m. until 1:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60721 030 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CLB 209	Robinson W	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 12:00 p.m. until 1:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60723 031 F2F	MTWR---	02:00-03:15 PM	06/02/14-07/24/14	CLB 213	TBA	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 2:00 p.m. until 3:50 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60724 050 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 213	TBA	24 of 24
60726 080 F2F	-T-R---	02:00-04:50 PM	06/03/14-07/24/14	CLB 209	Colburn R	24 of 24
60730 090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	CLB 213	Colburn R	24 of 24
60731 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Palcic R	18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60732 351 ONLINE ----- - 06/02/14-07/24/14 Online Palcic R 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60898 352 ONLINE ----- - 06/02/14-07/24/14 Online Palcic R 18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60733 450 SEL ----- - 06/02/14-07/23/15 Self Paced Veer P 5 of 5

Note: Students can begin their study in this self-paced math course at any time between April 1, 2014 and June 30, 2014, however pre-approval to enroll is required. To begin the pre-approval process, contact the instructor Phil Veer, at pveer@jccc.edu or 913-469-8500, ext. 4700. 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 210 - Mathematics for Elementary Teachers I

This is the first of a two-course sequence for prospective teachers of elementary and middle school mathematics. The focus of this course is an in-depth investigation of the mathematical principles and concepts encountered in grades K-8. Topics include set theory, numeration systems, number sense, critical thinking, and problem-solving strategies. The use of appropriate techniques and tools, such as calculators, computers and manipulatives, will be integrated throughout the course in order to enhance the depth of understanding. 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 math placement test.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_210)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60735 010 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	OCB 332	Thomas M	26 of 26

Note: During the summer term, students may enroll concurrently in Math 210 and Math 212. The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 9:30 a.m. until 11:20 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

MATH 212 - Math for Elementary Teachers II

This is the second of a two-course sequence for prospective teachers of elementary/middle school mathematics. The focus of this course is an in-depth investigation of the mathematical principles and concepts encountered in grades K-8. Topics include probability, statistics, measurement, and shapes including congruency, similarity, and transformations. The use of appropriate techniques and tools, such as calculators, computers, and manipulatives, will be integrated throughout the course in order to enhance the depth of understanding. 3 hrs. lecture/wk. NOTE: the prerequisite of MATH 210 requires a grade of "C" or higher.

Credit Hours: 3

Associated Costs: \$0 to 100

Prerequisite: MATH 210 with a grade of "C" or higher or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_212)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60736 010 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	OCB 332	Thomas M	26 of 26

Note: During the summer term, students may enroll concurrently in Math 210 and Math 212. The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:30 a.m. until 1:20 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

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

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/spring/coursedescriptions/math/#MATH_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60738 010 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CLB 403	TBA	30 of 30

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 11:30 a.m. until 1:20 p.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

60740	050 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	CLB 207	VanLeeuwen F	30 of 30
60741	060 F2F	-T-R---	08:00-10:50 AM	06/03/14-07/24/14	CLB 203	TBA	30 of 30
60742	061 F2F	-T-R---	11:00-01:50 PM	06/03/14-07/24/14	OCB 308	Lemer A	24 of 24
60743	090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	CLB 205	Voss-Schoonover L	30 of 30
60744	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Imm C	18 of 18

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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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.

60899	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Imm C	18 of 18
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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 proctored exams will be taken on-campus. Students should possess strong computer skills, be self-motivated, and be good self-learners. Online math courses are not suitable for those who experience math anxiety. 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/spring/coursedescriptions/math/#MATH_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60745	090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	OCB 332	Dunham J	26 of 26

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, areas and volumes 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

Prerequisite: Either (MATH 171 and MATH 172) or MATH 173 or an equivalent course with a grade of "C" or higher or an appropriate score on an placement test.

Outline (http://catalog.jccc.edu/spring/coursedescriptions/math/#MATH_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60746 001 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	CLB 207	Sutherlin C	30 of 30
60747 002 F2F	MTWR---	11:00-01:15 PM	06/02/14-07/24/14	CLB 207	Cobb D	30 of 30
60748 003 F2F	MTWR---	01:30-03:45 PM	06/02/14-07/24/14	OCB 332	Cobb D	26 of 26
60749 004 F2F	MTWR---	06:00-08:50 PM	06/02/14-07/24/14	OCB 308	Baldwin R	24 of 24

MATH 242 - Calculus II

This is the second course of a three-semester sequence on calculus. The emphasis will be an analytic, numerical and graphical approach to techniques of integration, and infinite series, including scientific applications. 5 hrs. lecture/wk.

Credit Hours: 5

Associated Costs: \$0 to 100

Prerequisite: MATH 237 or MATH 241 or an equivalent course with a grade of "C" or higher

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60750 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CLB 402	Grondahl R	24 of 24
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 24th from 10:00 a.m. until 11:50 a.m. in the regular classroom. The final exam period is different from the normal class time. It may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.						
60751 002 F2F	MTWR---	01:30-03:45 PM	06/02/14-07/24/14	CLB 402	Grondahl R	24 of 24
60752 003 F2F	MTWR---	06:00-08:15 PM	06/02/14-07/24/14	CLB 402	TBA	24 of 24

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/spring/coursedescriptions/math/#MATH_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60753 001 F2F	MTWR---	08:00-10:15 AM	06/02/14-07/24/14	GEB 315	Irfan S	30 of 30
60754 002 F2F	MTWR---	01:30-03:45 PM	06/02/14-07/24/14	GEB 315	Irfan S	30 of 30

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/spring/coursedescriptions/math/#MATH_246)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60889 090 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	OCB 142	Lemer A	24 of 24

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/spring/coursedescriptions/math/#MATH_254)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60756 040 F2F	M-W----	12:30-04:00 PM	06/02/14-07/23/14	CLB 203	Tamsamani Z	30 of 30

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/spring/coursedescriptions/math/#MATH_285)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60757 010 F2F	MTWR---	08:00-09:50 AM	06/02/14-07/24/14	CLB 209	Siebert K	24 of 24

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/spring/coursedescriptions/mfab/#MFAB_124)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60857 001 F2F	--WR---	12:00-12:50 PM	06/04/14-07/24/14	ATB 131	Stoufer J	15 of 15
	--WR---	01:00-04:50 PM	06/04/14-07/24/14	ATB 150		

Kansas State Bill 155

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 121 or MFAB 131 and MFAB 130 or MFAB 133 and MFAB 136 or MFAB 160

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60858 001 F2F	MT-----	12:00-12:50 PM	06/02/14-07/22/14	ATB 127	Stoufer J	12 of 12
	MT-----	01:00-04:50 PM	06/02/14-07/22/14	ATB 150		

Kansas State Bill 155

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/spring/coursedescriptions/mirm/#MIRM_140)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60786 001 F2F	-T-R---	09:00-12:00 PM	06/03/14-07/10/14	RC 347	O'Dell R	15 of 15

Kansas State Bill 155

MIRM 142 - Legal and Ethical Issues in Healthcare

This course introduces the U.S. legal system, laws and ethical issues and how they relate to healthcare. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mirm/#MIRM_142)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60787 001 F2F	-T-R---	06:00-08:50 PM	06/03/14-07/24/14	RC 347	Wertz C	15 of 15

Marketing Management

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/spring/coursedescriptions/mkt#MKT_202)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60101 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hollister A	20 of 20

MKT 205 - eMarketing

The Internet has led to an increasingly connected environment, and the growth of Internet usage has resulted in the declining distribution of traditional media: television, radio, newspapers, and magazines. Marketing in this connected environment and using that connectivity to market is eMarketing. In this course, the student will understand and recognize the importance of an integrated eMarketing communications plan in order to coordinate all of the promotional mix and marketing communications elements for today's businesses. Topics of study include advertising, direct marketing, sales promotion, social media, web design, public relations and interactive media. The course integrates theory with planning, management and strategy plus hands-on experience. eMarketing explores how to use integrated web, email and database technologies in pre-built, personalized marketing campaigns to acquire and retain customers. Upon completion, the student will be able to develop an effective eMarketing communications program. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mkt#MKT_205)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60102 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Webb E	20 of 20

Kansas State Bill 155

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. MKT 230 is the same course as BUS 230; do not enroll in MKT 230 if you've completed BUS 230. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mkt#MKT_230)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60103 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Hulen P	20 of 20
Kansas State Bill 155						
60106 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Hulen P	20 of 20
Kansas State Bill 155						

MKT 284 - Marketing and 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 15 hrs./wk. on-the-job training is required.

Credit Hours: 1

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60107 500 INT	-----	-	06/02/14-07/24/14		Hulen P	6 of 6
Kansas State Bill 155						

MKT 286 - Marketing and Management Internship II

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. This course offers work experience under instructional supervision in an approved training situation designed to provide practical experience in marketing and management. A minimum of 15 hrs./wk. on-the-job training is required.

Credit Hours: 1

Prerequisite: MKT 284

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mkt#MKT_286)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60108 500 INT	-----	-	06/02/14-07/24/14		Hulen P	2 of 2
Kansas State Bill 155						

MKT 291 - Independent Study

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

Credit Hours: 1

Prerequisite: 2.0 GPA minimum and department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mkt#MKT_291)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60109 960 IND	-----	-	06/02/14-07/24/14		Hulen P	1 of 1

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/spring/coursedescriptions/mus#MUS_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60271 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	OCB 144	Wilcken G	26 of 26
60272 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	OCB 144	Kennedy N	26 of 26
60273 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Brown D	25 of 25

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

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60274 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	OCB 144	Fitzer H	26 of 26

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/spring/coursedescriptions/mus/#MUS_156)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60275 001 F2F	MTWR---	09:00-10:50 AM	06/02/14-07/24/14	OCB 364	Padavic B	12 of 12
60276 002 F2F	MTWR---	11:00-12:50 PM	06/02/14-07/24/14	OCB 364	Olvera V	12 of 12

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/spring/coursedescriptions/mus/#MUS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60277 001 F2F	M-W----	09:00-10:45 AM	06/02/14-07/23/14	OCB 362	Pretzel M	8 of 8
60278 002 F2F	M-W----	11:00-12:45 PM	06/02/14-07/23/14	OCB 362	Pretzel M	8 of 8

MUS 223 - Piano Class III

This is an intermediate course that provides a basic knowledge of keyboard instruments. Students will learn and review musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor scales and modes; exercises and repertoire using major, minor, diminished and augmented triads in root position and inversions; chord progressions; ensemble playing of two to four parts; and use of the damper pedal. This course is the continuation of MUS 222. Completion of this course should precede Applied Piano I. This course is designed for students who have completed one year of study or who have completed MUS 222. 2 hrs./wk.

Credit Hours: 2

Prerequisite: MUS 222 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_223)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60279 001 F2F	M-W----	01:00-02:45 PM	06/02/14-07/23/14	OCB 362	Pretzel M	8 of 8

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/spring/coursedescriptions/mus/#MUS_226)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60280 001 F2F	M-W----	12:30-01:20 PM	06/02/14-07/23/14	OCB 192	Fitzer H	15 of 15

MUS 231 - Applied Voice I (Private)

This course is designed to introduce the student to beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_231)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60281 600 PVL	-----	-	06/02/14-07/24/14	OCB 184	Murray A	8 of 8

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 232 - Applied Voice II (Private)

This course uses private lessons to continue instruction in beginning vocal technique, vocal vocabulary, performance experience and solo vocal repertoire. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 1

Prerequisite: MUS 231

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_232)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60282 600 PVL	-----	-	06/02/14-07/24/14	OCB 184	Murray A	8 of 8

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 233 - Applied Voice III (Private)

This course uses private lessons to continue instruction in beginning intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Prerequisite: MUS 232

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_233)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60283 600 PVL	-----	-	06/02/14-07/24/14	OCB 184	Murray A	8 of 8

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 234 - Applied Voice IV (Private)

This course uses private lessons to continue instruction in intermediate vocal technique, vocal vocabulary, performance experience and solo vocal repertoire.

Credit Hours: 1

Prerequisite: MUS 233

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_234)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60284 600 PVL	-----	-	06/02/14-07/24/14	OCB 184	Murray A	8 of 8

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 236 - Applied Piano I (Private)

This is an entry-level course for the student with little or no prior piano training. This course provides a basic knowledge of keyboard instruments. Students will learn essential musical terminology, musical notation and symbols, and specific piano-related terminology. Topics covered will include major and minor key signatures; exercises and repertoire using major and minor five-finger patterns; and exercises and repertoire using major and minor scales.

Credit Hours: 1

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_236)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60285 600 PVL	-----	-	06/02/14-07/24/14	OCB 186	Pretzel M	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

60286 601 PVL	-----	-	06/02/14-07/24/14	OCB 186	Dolnik N	10 of 10
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 237 - Applied Piano II (Private)

This is a beginning-level course for the student with at least one semester of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include major scales and the natural and harmonic forms of the minor scales, rhythmic patterns and subdivisions of duple and triple meter and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 236

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_237)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60287 600 PVL	-----	-	06/02/14-07/24/14	OCB 186	Pretzel M	10 of 10

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 238 - Applied Piano III (Private)

This is an intermediate-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate-level concepts of piano performance. Topics to be covered will include scale, the melodic form of the minor scale, rhythmic patterns and subdivisions of compound meter, and the basic keyboard literature of the intermediate level.

Credit Hours: 1

Prerequisite: MUS 237

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_238)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60288 600 PVL	-----	-	06/02/14-07/24/14	OCB 186	Pretzel M	5 of 5

Requirement: Department approval

60289 601 PVL	-----	-	06/02/14-07/24/14	OCB 186	Dolnik N	5 of 5
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 239 - Applied Piano IV (Private)

This is an advanced-level course for the student with at least two semesters of prior applied piano study. Students will learn the intermediate level concepts of piano performance. Topics to be covered will include Dorian and Mixolydian modes, pentatonic scales and performance of a Chopin etude.

Credit Hours: 1

Prerequisite: MUS 238

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_239)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60290 600 PVL	-----	-	06/02/14-07/24/14	OCB 186	Pretzel M	5 of 5

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

60291 601 PVL	-----	-	06/02/14-07/24/14	OCB 186	Dolnik N	5 of 5
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Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 241 - Applied Guitar I (Private)

In this private study in basic guitar technique, emphasis will be upon playing position, posture, tone production and basic music reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_241\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_241)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60292 600 PVL	-----	-	06/02/14-07/24/14	OCB 188	Fitzer H	20 of 20

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 242 - Applied Guitar II (Private)

This is a continuation of private study in basic guitar technique. Emphasis will be upon playing position, posture, tone production and basic music-reading skills. Students will begin with studies and short pieces.

Credit Hours: 1

Prerequisite: MUS 241 or department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_242\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_242)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60294 600 PVL	-----	-	06/02/14-07/24/14	OCB 188	Fitzer H	20 of 20

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 243 - Applied Guitar III (Private)

In this private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 242 or department approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_243\)](http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_243)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60296 600 PVL	-----	-	06/02/14-07/24/14	OCB 188	Fitzer H	20 of 20

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

MUS 244 - Applied Guitar IV (Private)

In this continuation of private study in intermediate guitar technique, emphasis will be on playing position, posture, tone production and intermediate music reading skills. Students will progress toward playing literature requiring intermediate skill levels.

Credit Hours: 1

Prerequisite: MUS 243 or department approval

Outline (http://catalog.jccc.edu/spring/coursedescriptions/mus/#MUS_244)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60298 600 PVL	-----	-	06/02/14-07/24/14	OCB 188	Fitzer H	20 of 20

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

Nursing

NURS 136 - LPN-RN Transition Course

This course is an introduction to the second year of the associate degree nurse (ADN) program for graduates of licensed practical nurse (LPN) programs. The content will emphasize nursing care for patients experiencing alterations in mental health and complex multi-system conditions. The student will use a critical thinking approach to apply concepts of adaptation, nursing process, therapeutic interactions, and teaching learning in the care of the patient. 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 in the classroom, online, in the Healthcare Simulation Center, in the Health Resource Center, and health care agencies. Theory: 28 clock hours/week for 4 weeks; Clinical: 24 hours/week for 3 weeks.

Credit Hours: 6

Associated Costs: \$320

Prerequisites: Completion of LPN program, Current Cardiopulmonary Resuscitation Certificate (CPR) for Health Care Providers and CHEM 122 and MATH 116 or higher and either BIOL 144 or BIOL 140 and BIOL 225 and ENGL 121 and PSYC 130 and PSYC 218

Outline (http://catalog.jccc.edu/spring/coursedescriptions/nurs/#NURS_136)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60887 001 F2F	MTWR---	08:00-04:00 PM	06/02/14-06/05/14	CLB 113	Foster M Deines W Mitchell R	14 of 14

Carver K
 West N
 Wilson D
 LaMartina K
 Barlett M
 Lanier N
 Ritter M
 Russell J
 McNally J
 Quinn R
 Folmsbee G
 Vezendan C

----F--	08:00-03:00 PM	06/06/14-06/06/14	SCI 222
M-----	08:00-04:00 PM	06/09/14-06/09/14	CLB 113
-T-----	08:00-02:00 PM	06/10/14-06/10/14	CLB 113
--W----	08:00-10:00 AM	06/11/14-06/11/14	CLB 113
---RF--	08:00-04:00 PM	06/12/14-06/13/14	CLB 113
MT-----	08:00-04:00 PM	06/16/14-06/17/14	CLB 113
--W----	08:00-01:00 PM	06/18/14-06/18/14	CLB 113
---RF--	08:00-04:00 PM	06/19/14-06/20/14	CLB 113
M-----	08:00-03:00 PM	06/23/14-06/23/14	CLB 113
-T-----	08:00-11:00 AM	06/24/14-06/24/14	CLB 113
---R---	08:00-10:00 AM	06/26/14-06/26/14	SCI 222
---R---	10:01-03:00 PM	06/26/14-06/26/14	CLB 113
----F--	08:00-12:00 PM	06/27/14-06/27/14	CLB 113
---R---	08:00-04:00 PM	07/24/14-07/24/14	CLB 113

Kansas State Bill 155

Requirement: selective admission approval

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/spring/coursedescriptions/phil/#PHIL_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
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60359	001 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	GEB 317	Vlahos C	35 of 35
60360	002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 317	Musil B	35 of 35
60361	003 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 317	Quillen L	35 of 35
60362	350 ONLINE	-----	-	06/02/14-07/24/14	Online	Jones A	25 of 25
60363	351 ONLINE	-----	-	06/02/14-07/24/14	Online	Jones A	25 of 25

PHIL 124 - Logic and Critical Thinking

This course is an inquiry into techniques of persuasion and the standards for interpretation and assessment that are the basis for critical thinking. Argumentative and non-argumentative forms of persuasion are examined, including propaganda, exaggeration, stereotyping, slanted news and common fallacies. In addition, the course offers standards for evidential warrants based on samples, probabilities and causal claims. Relations between categorical propositions and Venn diagrams are examined and, finally, the course suggests strategies for fresh attacks on conceptual problems. 3 hrs. lecture/wk.

Credit Hours: 3

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

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60364	001 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 344	Coleman K	35 of 35

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/spring/coursedescriptions/phil/#PHIL_138)

CRN	Days	Time	Date	Location	Instructor	Seats Open	
60365	350 ONLINE	-----	-	06/02/14-07/13/14	Online	Arjo D	25 of 25
60366	351 ONLINE	-----	-	06/02/14-07/13/14	Online	Arjo D	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_143\)](http://catalog.jccc.edu/spring/coursedescriptions/phil/#PHIL_143)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60367 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 317	Conrad O	35 of 35
60368 002 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 317	Conrad O	35 of 35
60369 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Jones A	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/phot/#PHOT_121\)](http://catalog.jccc.edu/spring/coursedescriptions/phot/#PHOT_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60523 001 F2F	-TWR---	08:00-11:50 AM	06/03/14-07/24/14	ATB 147	Long A	18 of 18

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 \(http://catalog.jccc.edu/spring/coursedescriptions/phot/#PHOT_128\)](http://catalog.jccc.edu/spring/coursedescriptions/phot/#PHOT_128)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60524 001 F2F	-TWR---	01:00-04:50 PM	06/03/14-07/24/14	ATB 135	Heying P	20 of 20
Kansas State Bill 155						
60525 002 F2F	MTWR---	09:00-11:55 AM	06/02/14-07/24/14	ATB 135	Sands C	20 of 20
Kansas State Bill 155						
60709 003 F2F	-TWR---	06:00-09:50 PM	06/03/14-07/24/14	ATB 135	Nichols J	20 of 20
Kansas State Bill 155						
60526 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Nichols M	25 of 25
Kansas State Bill 155						

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/spring/coursedescriptions/phys/#PHYS_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60572 001 F2F	M-W----	08:00-10:50 AM	06/02/14-07/23/14	SCI 122	Weaver L	24 of 24
	-T-R---	08:00-08:50 AM	06/03/14-07/24/14	SCI 122		
Lab	-T-R---	09:00-11:50 AM	06/03/14-07/24/14	SCI 121		
Note: This course does not normally fulfill the requirements of engineering programs.						
60573 002 F2F	MTWR---	12:00-01:50 PM	06/02/14-07/24/14	SCI 122	Martinez D	24 of 24
Lab	-T-R---	02:00-04:50 PM	06/03/14-07/24/14	SCI 121		
Note: This course does not normally fulfill the requirements of engineering programs.						

60574	003 F2F	M-W----	06:00-08:50 PM	06/02/14-07/23/14	SCI 122	TBA	24 of 24
		-T-R---	06:00-06:50 PM	06/03/14-07/24/14	SCI 122		
	Lab	-T-R---	07:00-09:50 PM	06/03/14-07/24/14	SCI 121		

Note: This course does not normally fulfill the requirements of engineering programs.

PHYS 131 - College Physics II

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

Note: This course does not normally fulfill the requirements of engineering programs.

Credit Hours: 5

Prerequisite: PHYS 130

Outline (http://catalog.jccc.edu/spring/coursedescriptions/phys/#PHYS_131)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60575	001 F2F	MTWR---	12:00-01:50 PM	06/02/14-07/24/14	SCI 120	Thuma R 24 of 24
	Lab	M-W----	02:00-04:50 PM	06/02/14-07/23/14	SCI 117	
60576	002 F2F	M-W----	06:00-06:50 PM	06/02/14-07/23/14	SCI 120	TBA 24 of 24
	Lab	M-W----	07:00-09:50 PM	06/02/14-07/23/14	SCI 117	
		-T-R---	06:00-08:50 PM	06/03/14-07/24/14	SCI 120	

Note: This course does not normally fulfill the requirements of engineering programs.

Note: This course does not normally fulfill the requirements of engineering programs.

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/spring/coursedescriptions/phys/#PHYS_221)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60577 001 F2F	M-W----	08:00-08:50 AM	06/02/14-07/23/14	SCI 120	Stites R	24 of 24
	Lab M-W----	09:00-11:50 AM	06/02/14-07/23/14	SCI 117		
	-T-R---	08:00-10:50 AM	06/03/14-07/24/14	SCI 120		

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60425 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 213	Elmore C	34 of 34
60426 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Alexander L	25 of 25

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. and online. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

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

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60427 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 213	Burns J	34 of 34
60428 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 213	Burns J	34 of 34

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60429 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Alexander L	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_135\)](http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60430 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Belzer G	25 of 25
60431 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Belzer G	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_245\)](http://catalog.jccc.edu/spring/coursedescriptions/pols/#POLS_245)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60432 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Faulwell B	25 of 25

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/spring/coursedescriptions/psci/#PSCI_120)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60578 001 F2F	MTWR---	02:00-04:50 PM	06/02/14-07/24/14	SCI 125	Hess J	24 of 24

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/psyc/#PSYC_130)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60379 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CLB 312	Kappen D	35 of 35
60380 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	SCI 212	Riley N	35 of 35
60381 003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CLB 312	Kappen D	35 of 35
60382 004 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	SCI 212	Riley N	35 of 35
60383 005 F2F	-T-R---	03:00-05:30 PM	06/03/14-07/24/14	GEB 377	Ward P	35 of 35
60384 006 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CLB 312	Jones D	35 of 35
60385 007 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 377	Ward P	35 of 35
60386 008 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CLB 312	Ward A	35 of 35
60387 009 F2F	-T-R---	11:00-01:30 PM	06/03/14-07/24/14	GEB 377	Sympson S	35 of 35
60388 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Klinger T	25 of 25
60389 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Klinger T	25 of 25
60390 352 ONLINE	-----	-	06/02/14-07/24/14	Online	Rader M	25 of 25
60391 353 ONLINE	-----	-	06/02/14-07/24/14	Online	Rader M	25 of 25
60392 354 ONLINE	-----	-	06/02/14-07/24/14	Online	Rader M	25 of 25

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/spring/coursedescriptions/psyc/#PSYC_215)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60393 001 F2F	M-W----	11:00-01:30 PM	06/02/14-07/23/14	GEB 377	Ward P	35 of 35

Kansas State Bill 155

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/spring/coursedescriptions/psyc/#PSYC_218)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60394 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 377	Rebeck P	35 of 35
60395 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 377	Rebeck P	35 of 35
60396 003 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	SCI 212	Ladd B	35 of 35
60397 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Salvato M	25 of 25
60398 351 ONLNE	-----	-	06/02/14-07/24/14	Online	Klinger T	25 of 25

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/spring/coursedescriptions/psyc/#PSYC_220)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60399 001 F2F	-T-R---	03:00-05:30 PM	06/03/14-07/24/14	CLB 312	Ward A	35 of 35

Respiratory Care

Missouri residents see reverse cooperative information. For complete program information:
www.jccc.edu/respiratorycare (<http://www.jccc.edu/respiratorycare/>)

RC 125 - Beginning Principles of Respiratory Care

This is an introduction to the basic therapeutic modalities used in respiratory care, including patient safety and comfort considerations, infection control and standard precautions, medical gas delivery, humidity and aerosol therapy, basic respiratory pharmacology, secretion clearance techniques and lung expansion therapy. Emphasis is on patient assessment, clinical application of therapies, therapy evaluation and communication techniques. The roles of respiratory care in the health care system and basic respiratory care service scope, organization and operation are also introduced. Students will have the opportunity to work with patients after two to three weeks of introductory lecture and lab demonstration and practice. Enrollment in this course requires that you be current in payment of a professional liability fee of \$16.00. This fee is required once per calendar year based on enrollment in selected courses and must be in place prior to the start of classes. Students will be notified via their JCCC student email account if they are required to pay a \$16 fee. 6 hrs. lecture, 16 hrs. lab/wk. Summer.

Credit Hours: 4

Associated Costs: \$150 to 250

Prerequisite: Admission to the respiratory care program

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60873 001 F2F	M-W-F--	08:00-09:50 AM	06/03/14-07/18/14	 OHEC 115	Portmann R	18 of 18

Kansas State Bill 155

RC 130 - Respiratory Care Equipment

This course is an introduction to basic respiratory care equipment. The operation, function, calibration, troubleshooting and maintenance for oxygen administration devices, aerosol generators, humidifiers and hyperinflation devices will be addressed. Medical gas production and storage will also be addressed. 6 hrs. lecture, 8 hrs. lab/wk. Summer

Credit Hours: 4

Prerequisite: Admission to the respiratory care program

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_130)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60874 001 F2F	M-W-F--	01:00-03:00 PM	06/02/14-07/23/14	 OHEC 115	Freund C	18 of 18
	M-W-F--	01:00-03:00 PM	06/02/14-07/23/14	 OHEC 119		

Kansas State Bill 155

RC 135 - Cardiopulmonary Medicine I

This is the first of three courses that provide a detailed review of the respiratory and cardiac system anatomy and physiology and the clinical implications of normal and abnormal function. 2 hrs./wk. Summer.

Credit Hours: 1

Prerequisite: Admission to the respiratory care program

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rc/#RC_135)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60875 001 F2F	--W----	08:00-10:00 AM	06/04/14-07/23/14	 OHEC 115	Sanner C	18 of 18
	--W----	08:00-10:00 AM	06/04/14-07/23/14	 OHEC 119		

Kansas State Bill 155

Reading

RDG 126 - Reading Skills Improvement

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 the course is on 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/spring/coursedescriptions/rdg/#RDG_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60584 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 321	Fielder R	22 of 22
Co-requisite to enroll in						
60585 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 321	Graham L	22 of 22
Co-requisite to enroll in						
60586 003 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 321	McCall S	22 of 22
Co-requisite to enroll in						
60587 004 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 321	Steel S	22 of 22
Co-requisite to enroll in						

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 \(http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_120\)](http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60370 001 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 338	MacArthur S	35 of 35
60371 350 ONLNE	-----	-	06/02/14-07/24/14	Online	Robertson M	25 of 25
60372 351 ONLNE	-----	-	06/02/14-07/24/14	Online	Robertson M	25 of 25

REL 125 - Religions of the East

Religions of the East is a detailed examination of the rich and diverse religious traditions of India, Tibet, China and Japan. Students will explore the histories, mutual influences, beliefs, and practices of Hinduism, Buddhism, the Jain religion, the Sikh religion, Confucianism, Daoism, the Tibetan religions, and Shinto, stressing the characteristics they share, as well as those that differentiate them from each other and from Western religions. Primary and secondary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_125\)](http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_125)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60373 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 338	Hoare T	35 of 35

REL 126 - Religions of the West

Religions of the West is a detailed examination of the rich and diverse religious traditions that originated in the ancient Near East (Judaism, Christianity, Islam), examples of indigenous traditions of Africa and North America, and examples of "alternative religions" of modern/contemporary Western culture. The student will explore the histories, cultural influences, beliefs and practices of these religions, stressing the characteristics that they share and those that differentiate them, both from one another and from the religious traditions of South and East Asian cultures. The primary texts, as well as the iconographic and artistic traditions of these religions, will be examined as appropriate. 3 hrs. lecture/wk.

Credit Hours: 3

Outline (http://catalog.jccc.edu/spring/coursedescriptions/rel/#REL_126)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60374 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 338	MacArthur S	35 of 35

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 it describes the basic concepts and theories sociologists use to explain the social world. 3 hrs. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

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

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60347 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	GEB 240	Pant R	35 of 35
60348 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 240	Zirkle B	35 of 35
60349 003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 240	Zirkle B	35 of 35
60350 004 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 240	Whitman L	35 of 35
60351 005 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 240	Grinter B	35 of 35
60891 006 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	GEB 240	Grinter B	35 of 35
60352 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Ketter T	25 of 25
60892 351 ONLINE	-----	-	06/02/14-07/24/14	Online	Petrovic U	25 of 25

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 \(http://catalog.jccc.edu/spring/coursedescriptions/soc#SOC_125\)](http://catalog.jccc.edu/spring/coursedescriptions/soc#SOC_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60353 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 375	Killeen J	35 of 35
60354 002 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	GEB 375	Seiler C	35 of 35
60355 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Petrovic U	25 of 25

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/soc#SOC_131\)](http://catalog.jccc.edu/spring/coursedescriptions/soc#SOC_131)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60356 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 375	Divney J	35 of 35
60357 002 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	GEB 375	Whitman L	35 of 35
60358 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Harris M	25 of 25

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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Credit Hours: 3

Associated Costs: \$5 to 10

Outline (http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_120)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60588 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 332	Vasquez A	25 of 25
Co-requisite to enroll in						
60589 002 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 332	Vasquez A	25 of 25
Co-requisite to enroll in						
60590 003 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 332	Mayo S	25 of 25
Co-requisite to enroll in						
60591 004 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	CC 332	Mayo S	25 of 25
Co-requisite to enroll in						
60592 005 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 332	Buta C	25 of 25
Co-requisite to enroll in						
60593 100 F2F	MTWR---	02:00-04:30 PM	06/02/14-06/26/14	CC 332	Buta C	25 of 25
Co-requisite to enroll in						
60594 101 F2F	MTWR---	08:00-10:30 AM	06/30/14-07/24/14	CC 318	Sewell E	25 of 25
Co-requisite to enroll in						
60595 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Welsch L	18 of 18
Co-requisite to enroll in						

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/spring/coursedescriptions/spd/#SPD_121)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60596 001 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 216	Mohr M	20 of 20
60597 002 F2F	MTWR---	08:00-09:15 AM	06/02/14-07/24/14	CC 325	Rose S	20 of 20
60598 003 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 325	Rose S	20 of 20

60599	004 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	GEB 311	Hilton M	20 of 20
60600	005 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	GEB 311	Hilton M	20 of 20
60601	006 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 325	Cramer D	20 of 20
60603	008 F2F	MTWR---	12:30-01:45 PM	06/02/14-07/24/14	GEB 311	Naeymi D	20 of 20
60604	009 F2F	MTWR---	02:00-03:15 PM	06/02/14-07/24/14	GEB 311	Naeymi D	20 of 20
60605	010 F2F	M-W----	02:00-04:30 PM	06/02/14-07/23/14	CC 325	Broxterman P	20 of 20
60607	012 F2F	M-W----	06:00-08:30 PM	06/02/14-07/23/14	CC 318	Broxterman P	20 of 20
60608	013 F2F	-T-R---	02:00-04:30 PM	06/03/14-07/24/14	GEB 215	Rose T	20 of 20
60609	014 F2F	-T-R---	06:00-08:30 PM	06/03/14-07/24/14	CC 216	Heapes T	20 of 20
60611	100 F2F	MTWR---	08:00-10:30 AM	06/02/14-06/26/14	CC 331	Craig B	20 of 20
60612	101 F2F	MTWR---	09:30-12:00 PM	06/02/14-06/26/14	CC 318	Stanley J	20 of 20
60613	102 F2F	MTWR---	10:45-01:15 PM	06/02/14-06/26/14	CC 331	Luongo J	20 of 20
60614	103 F2F	MTWR---	12:30-03:00 PM	06/02/14-06/26/14	CC 318	Stanley J	20 of 20
60615	104 F2F	MTWR---	01:30-04:00 PM	06/02/14-06/26/14	CC 331	Luongo J	20 of 20
60616	105 F2F	MTWR---	06:00-08:30 PM	06/02/14-06/26/14	CC 331	Schaefer M	20 of 20
60618	107 F2F	MTWR---	08:00-10:30 AM	06/30/14-07/24/14	CC 331	Schrag C	20 of 20
60619	108 F2F	MTWR---	10:45-01:15 PM	06/30/14-07/24/14	CC 331	Coupe K	20 of 20
60620	109 F2F	MTWR---	01:30-04:00 PM	06/30/14-07/24/14	CC 331	Coupe K	20 of 20
60621	110 F2F	MTWR---	06:00-08:30 PM	06/30/14-07/24/14	CC 331	Rose T	20 of 20
60622	111 F2F	MTWR---	06:00-08:30 PM	06/30/14-07/24/14	GEB 311	Kiser M	20 of 20
60623	376 HYB	-----	-	06/02/14-06/26/14	Online	Easley T	15 of 15
		---R---	09:00-11:45 AM	06/05/14-06/05/14	CC 312		
		---R---	09:00-11:45 AM	06/12/14-06/12/14	CC 312		
		---R---	09:00-11:45 AM	06/19/14-06/19/14	CC 312		
		---R---	09:00-11:45 AM	06/26/14-06/26/14	CC 312		
60624	377 HYB	-----	-	06/02/14-06/26/14	Online	Miller D	15 of 15
		---R---	12:00-02:45 PM	06/05/14-06/05/14	CC 216		
		---R---	12:00-02:45 PM	06/12/14-06/12/14	CC 216		
		---R---	12:00-02:45 PM	06/19/14-06/19/14	CC 216		
		---R---	12:00-02:45 PM	06/26/14-06/26/14	CC 216		
60625	378 HYB	-----	-	06/02/14-06/26/14	Online	Easley T	15 of 15
		---R---	12:30-03:15 PM	06/05/14-06/05/14	CC 312		
		---R---	12:30-03:15 PM	06/12/14-06/12/14	CC 312		
		---R---	12:30-03:15 PM	06/19/14-06/19/14	CC 312		

	---R---	12:30-03:15 PM	06/26/14-06/26/14	CC 312		
60626 379 HYB	-----	-	06/02/14-06/26/14	Online	Miller D	15 of 15
	---R---	03:00-05:45 PM	06/05/14-06/05/14	CC 216		
	---R---	03:00-05:45 PM	06/12/14-06/12/14	CC 216		
	---R---	03:00-05:45 PM	06/19/14-06/19/14	CC 216		
	---R---	03:00-05:45 PM	06/26/14-06/26/14	CC 216		
60696 380 HYB	-----	-	06/30/14-07/24/14	Online	Cramer D	15 of 15
	---R---	03:00-05:45 PM	07/03/14-07/03/14	CC 325		
	---R---	03:00-05:45 PM	07/10/14-07/10/14	CC 325		
	---R---	03:00-05:45 PM	07/17/14-07/17/14	CC 325		
	---R---	03:00-05:45 PM	07/24/14-07/24/14	CC 325		

SPD 125 - Personal Communication

This course is concerned with the most frequently used human communication skills, interpersonal communication and public speaking. The course demonstrates the natural relationships between communicating one-to-one and in public, showing that skills in one can be employed in the other and giving practice in both. Focus is on communication theory, listening, concepts of self, language, research techniques, perception and various types of public speaking, such as impromptu, group panel, informative and persuasive. 3 hrs.lecture/wk.

Credit Hours: 3

Associated Costs: \$5 to 10

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_125\)](http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_125)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60627 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 216	Mohr M	22 of 22

SPD 180 - Intercultural Communication

The intercultural communication course is concerned with communication theory as it relates to cross-culture 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 \(http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_180\)](http://catalog.jccc.edu/spring/coursedescriptions/spd/#SPD_180)

Am I ready for this course?

CRN	Days	Time	Date	Location	Instructor	Seats Open
60628 001 F2F	MTWR---	09:30-10:45 AM	06/02/14-07/24/14	CC 229	Welsch L	24 of 24
60629 350 ONLINE	-----	-	06/02/14-07/24/14	Online	Gibbens M	18 of 18

Theater

THEA 120 - Introduction to Theater

Students will be introduced to a variety of theatrical experiences, read great plays and see live theater presentations. They also will discuss theater practices, dramatic literature and the history of the theater. Includes 12 required shop hours. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_120\)](http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_120)

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

CRN	Days	Time	Date	Location	Instructor	Seats Open
60300 001 F2F	MTWR---	11:00-12:15 PM	06/02/14-07/24/14	CC 344	Noble T	35 of 35

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 two in-class performances. 3 hrs. lecture/wk.

Credit Hours: 3

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_121\)](http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_121)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60301 001 F2F	M-W----	03:00-05:50 PM	06/02/14-07/23/14	CC BLBOX	Noble T	15 of 15

THEA 292 - Special Topics:

This course periodically offers specialized or advanced discipline-specific content related to performance, technical theatre, and design not normally taught in the curriculum, to interested and qualified students within the program. 3 hrs. lecture/wk.

Credit Hours: 3

Prerequisite: Instructor approval

[Outline \(http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_292\)](http://catalog.jccc.edu/spring/coursedescriptions/thea/#THEA_292)

CRN	Days	Time	Date	Location	Instructor	Seats Open
60302 001 F2F	-T-R---	10:00-12:30 PM	06/03/14-07/24/14	LIB 353B	Vogel K	24 of 24

Special Topics: Art & Fashion for the Theatre

Note: Click on the instructor's name and send an email request for permission to enroll. Include your JCCC ID number.

Requirement: Department approval

[Live Chat \(http://www.jccc.edu/successcenter/im-success-center.html\)](http://www.jccc.edu/successcenter/im-success-center.html)

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- [Evening Classes \(/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN/meeting_time_category/EVENING?ecid=featured\)](#)
- [Classes Starting Soon \(/student/ClassSearch/class/results/term_type/Credit/section_status/OPEN?startDaysOut=30&ecid=featured\)](#)
- [Kansas State Bill 155 Classes \(/student/ClassSearch/class/results/term_type/Credit?query=keywords%3As155&ecid=featured\)](#) New

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)

Need help?

Please call the Success Center at 913-469-3803 (tel:9134693803) for assistance.