



## Credit Summer 2013

Enrollment for summer 2013 courses begins on April 1 at 8:00 a.m. Enrollment for CNA courses begins at 8:00 a.m. on April 2. The payment deadline for summer courses is May 28.

### Academic Achievement Center (AAC)

#### 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

Associated Costs: \$2 to 5

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60403</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>50</u>

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

#### 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

Associated Costs: \$2 to 5

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60404</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>100</u>

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

#### 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

Associated Costs: \$2 to 5

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60405</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>50</u>

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

## 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

Associated Costs: \$2 to 5  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60406</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>75</u>

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

## 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

Associated Costs: \$2 to 5  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60407</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>50</u>

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

## 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

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

Associated Costs: \$2 to 5  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60408</u> 001 E2F	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>50</u>

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

## 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

Associated Costs: \$2 to 5  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60409</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13	<u>OCB 304</u>	<u>Merritt J</u>	<u>50</u>

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60772</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hanysz S</u>	<u>20</u>

Note: For more information, contact the instructor, Sherri Hanysz at shanysz@jccc.edu.

## Accounting (ACCT)

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60378</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Farmer C</u>	<u>20</u>

Kansas State Bill 155

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60711</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Farmer C</u>	<u>20</u>

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60481</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 254</u>	<u>Megariss M</u>	<u>30</u>

Kansas State Bill 155

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60399</u> 002 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 254</u>	<u>Forbes H</u>	<u>30</u>

Kansas State Bill 155

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60080</u> 003 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>GEB 254</u>	<u>Holbrook C</u>	<u>30</u>

Kansas State Bill 155

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60081</u> 004 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 254</u>	<u>Megariss M</u>	<u>30</u>

Kansas State Bill 155

<u>60379</u>	350	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Shively S</u>	<u>20</u>
Kansas State Bill 155									
<u>60712</u>	351	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Shively S</u>	<u>20</u>
Kansas State Bill 155									
<u>60713</u>	352	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Shively S</u>	<u>20</u>
Kansas State Bill 155									
<u>60815</u>	353	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Krug D</u>	<u>20</u>
Kansas State Bill 155									
<u>60571</u>	354	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Krug D</u>	<u>20</u>
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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** ACCT 121

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open		
<u>60653</u>	001 <u>F2F</u>	MTWR---	09:30-12:00 PM	06/03/13	06/27/13	<u>Spoolstra A</u>	<u>17</u>		
Kansas State Bill 155									
<u>60083</u>	002 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 256</u>	<u>30</u>		
Kansas State Bill 155									
<u>60380</u>	350	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cole L</u>	<u>20</u>
Kansas State Bill 155									
<u>60714</u>	351	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cole L</u>	<u>20</u>
Kansas State Bill 155									
<u>60082</u>	352	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cole L</u>	<u>20</u>
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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** ACCT 121 or ACCT 111

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open		
<u>60299</u>	350	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Silverstein J</u>	<u>20</u>
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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** ACCT 122

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60611</u> 001 <u>F2F</u> MTWR---		09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 363</u>	<u>Easton W</u>	<u>20</u>
Kansas State Bill 155							
<u>60084</u> 002 <u>F2F</u> M-W----		06:00-08:30 PM	06/03/13	07/24/13	<u>GEB 363</u>	<u>Henn R</u>	<u>20</u>
Kansas State Bill 155							
<u>60381</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cordes S</u>	<u>20</u>
Kansas State Bill 155							
<u>60715</u> 351 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cordes S</u>	<u>20</u>
Kansas State Bill 155							
<u>60961</u> 352 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Cordes S</u>	<u>20</u>
Kansas State Bill 155							

## Administration of Justice (ADMJ)

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60385</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13		<u>King K</u>	<u>20</u>

Kansas State Bill 155

Note: You need to have an access code and textbook purchased before the start of class. You can purchase both of these as a set at the JCCC bookstore. It is strongly recommended that you attend one of the orientation sessions for Blackboard CE. You may contact your instructor, Kay King, at [kking05@jccc.edu](mailto:kking05@jccc.edu) for more information. This course has all or a substantial portion of the content provided online. For more information on this course, go to <http://www.jccc.edu/distancelearning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60610</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13		<u>King K</u>	<u>20</u>

Kansas State Bill 155

Note: This course requires Microsoft Word for completion of assignments. It is strongly recommended that you attend a Blackboard orientation. This is NOT a self-paced course. There will be exams, discussions and assignments required on specific dates. This course is completely online; all exams and assignments are completed in Blackboard CE. Please contact your instructor, Kay King, at [kking05@jccc.edu](mailto:kking05@jccc.edu) if you have any questions prior to the semester. This course has all or a substantial portion of the content provided online. For more information on this course, go to <http://www.jccc.edu/distancelearning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## ADMJ 141 - Criminal Law

After taking this course, the student will be able to state the two basic elements necessary for any crime and the philosophy behind these two elements. After a detailed exploration of common law crimes and selected Kansas and Missouri statutes, the student will be able to classify common law crimes and state the difference between a felony and a misdemeanor. The student will understand the significance of the separation of powers doctrine and its application to criminal law and the constant interplay of the U.S. Constitution in criminal law. 3 hrs. lecture/wk.

**Prerequisite:** ADMJ 121 or LAW 121

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61077</u> 001 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>PA 145</u>	<u>Galbrecht F</u>	<u>32</u>

Kansas State Bill 155

## ADMJ 150 - Criminal Procedure

Criminal Procedure is an exploration of the structure of the judicial process, the sources and constitutional development of criminal procedure, criminal investigation, remedies for violations of constitutional rights, the pretrial and trial process, sentencing and appeals, and counter-terrorism. Students will learn through discussion of important U.S. Supreme Court cases that have shaped the way the Constitution is interpreted followed by analysis of hypothetical fact patterns that require the student to apply the knowledge they have gained. 3 hrs. lecture/wk.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61078</u> 001 <u>F2F</u>	-T-R----	06:00-08:50 PM	06/03/13	07/25/13	<u>PA 133</u>	<u>Sissom K</u>	<u>32</u>

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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60376</u> 001 <u>INT</u>	-----	-	06/03/13	07/25/13		<u>King K</u>	<u>5</u>

Kansas State Bill 155

**Requirement:** Department approval

## Animation (ANI)

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60773</u> 001 <u>F2F</u>	MTWR---	12:00-02:50 PM	06/03/13	07/25/13	<u>RC 361</u>	<u>Monteil N</u>	<u>17</u>
<u>60785</u> 002 <u>F2F</u>	MTWR---	09:00-11:50 AM	06/03/13	07/25/13	<u>RC 361</u>	<u>Monteil N</u>	<u>17</u>

## 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.

**Prerequisite or Corequisite:** CDP135

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61139</u> 001 <u>F2F</u>	MTWR---	09:00-11:50 AM	06/04/13	07/25/13	RC 311	<u>Byers J</u>	<u>15</u>

Kansas State Bill 155

## Anthropology (ANTH)

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60453</u> 001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	GEB 338	<u>Moran S</u>	<u>35</u>
<u>60148</u> 002 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	GEB 338	<u>Moran S</u>	<u>35</u>
<u>60745</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	ONLINE	<u>Huber-Smith M</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.

<u>60555</u> 400 <u>MED</u>	-----	-	06/03/13	07/25/13		<u>Corbett S</u>	<u>35</u>
-----------------------------	-------	---	----------	----------	--	------------------	-----------

Note Broadcast Schedule: Thursday 4-5pm, Friday 4-5pm, Repeats on Saturday 3-4pm & 4-5pm.

### ANTH 126 - Physical Anthropology

This course is an introduction to selected concepts and principles important to an understanding of evolutionary forces and their influence on the physiology and behavior of humans. The importance of the scientific method will be explored. Awareness of humans and their place in nature will be achieved by examining basic genetics, micro- and macroevolution, primate ecology and behavior, the paleoanthropological evidence for human evolution, and modern human adaptation and variation. 3 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60662</u> 001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	GEB 338	<u>Michaels D</u>	<u>35</u>

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61132</u> 001 <u>F2F</u>	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	GEB 338	<u>Jayaram K</u>	<u>35</u>

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60615</u> 001 <u>F2F</u>	MTWR---	08:00-10:30 AM	07/01/13	07/25/13	<u>GEB 338</u>	<u>Raab A</u>	<u>35</u>

## Architecture (ARCH)

### 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.

Associated Costs: \$50 to 100

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61133</u> 001 <u>F2F</u>	MTWR---	10:00-11:15 AM	06/03/13	07/25/13	<u>ITC 134</u>	<u>Miller J</u>	<u>12</u>

Kansas State Bill 155

## Art (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. lecture and studio/wk.

Prerequisite or corequisite: CDTP 145

Associated Costs: \$200 to 400

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61135</u> 001 <u>F2F</u>	MTWR---	03:00-05:50 PM	06/03/13	07/25/13	<u>LIB 342</u>	<u>Breithaupt J</u>	<u>18</u>

### ART 127 - Design 3D

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

Prerequisite: ART 124

Associated Costs: \$200 to 400

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61205</u> 001 <u>F2F</u>	MTWR---	12:00-02:50 PM	06/03/13	07/28/13	<u>LIB 342</u>	<u>Breithaupt J</u>	<u>18</u>

### 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./wk.

Associated Costs: \$100 to 200

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60066</u> 001 <u>F2F</u>	MTW----	08:00-11:50 AM	06/03/13	07/24/13	<u>ATB 109</u>	<u>Baab A</u>	<u>22</u>
<u>60320</u> 002 <u>F2F</u>	MTW----	06:00-09:50 PM	06/03/13	07/24/13	<u>ATB 109</u>	<u>Stewart M</u>	<u>22</u>

## 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./wk.

Prerequisite: ART 130

Associated Costs: \$100 to 200

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60387</u> 001 <u>F2F</u>	MTW----	06:00-09:50 PM	06/03/13	07/24/13	<u>ATB 109</u>	<u>Stewart M</u>	<u>22</u>

## 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./wk.

Associated Costs: \$100 to 200

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60504</u> 001 <u>F2F</u>	MTW----	01:00-04:50 PM	06/03/13	07/24/13	<u>ATB 101</u>	<u>Carroll J</u>	<u>20</u>

## 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./wk.

Associated Costs: \$100 to 250

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60067</u> 001 <u>F2F</u>	MTW----	08:00-11:50 AM	06/03/13	07/24/13	<u>ATB 111</u>	<u>Haney N</u>	<u>15</u>
<u>60068</u> 002 <u>F2F</u>	MTW----	01:00-04:50 PM	06/03/13	07/24/13	<u>ATB 111</u>	<u>Kephart A</u>	<u>15</u>

## 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./wk.

Prerequisite: ART 142

Associated Costs: \$100 to 250

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

60537 002 F2F MTW---- 01:00-04:50 PM 06/03/13 07/24/13 ATB 111 Kephart A 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./wk.

Associated Costs: \$50 to 200  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60506</u>	001 F2F	MTW----	08:00-11:50 AM	06/03/13	07/24/13	<u>ATB 115</u>	<u>Sandoval A</u>	<u>15</u>

## 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./wk.

Prerequisite: ART 145

Associated Costs: \$50 to 200  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60507</u>	001 F2F	MTW----	08:00-11:50 AM	06/03/13	07/24/13	<u>ATB 115</u>	<u>Sandoval A</u>	<u>15</u>

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

Associated Costs: \$50 to 200  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60534</u>	001 F2F	MTW----	01:00-04:50 PM	06/03/13	07/24/13	<u>ATB 115</u>	<u>Pener S</u>	<u>15</u>

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

Prerequisite: ART 148

Associated Costs: \$50 to 200  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60535</u>	001 F2F	MTW----	01:00-04:50 PM	06/03/13	07/24/13	<u>ATB 115</u>	<u>Pener S</u>	<u>15</u>

## 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./wk.

Prerequisite: ART 130

Associated Costs: \$100 to 200  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

60666 001 F2F MTW---- 01:00-04:50 PM 06/03/13 07/24/13 ATB 109 Kira K 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./wk.

**Prerequisite:** ART 231

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60667</u>	001 <u>F2F</u>	<u>MTW----</u>	01:00-04:50 PM	06/03/13	07/24/13	<u>ATB 109</u>	<u>Kira K</u>	<u>22</u>

## Art History (ARTH)

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60595</u>	001 <u>F2F</u>	<u>M-W----</u>	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 352</u>	<u>DiCamillo R</u>	<u>35</u>
<u>60596</u>	350 <u>ONLINE</u>	<u>-----</u>	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Newlands J</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60598</u>	002 <u>F2F</u>	<u>MTWR---</u>	09:30-10:45 AM	06/03/13	07/25/13	<u>CC 352</u>	<u>Kauten H</u>	<u>35</u>
<u>60597</u>	350 <u>ONLINE</u>	<u>-----</u>	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Newlands J</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60645</u>	350 <u>ONLINE</u>	<u>-----</u>	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Smith A</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

<b>60743</b>	351 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Smith A	25
--------------	------------	-------	---	----------	----------	--------	---------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60608</b>	001 F2F	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 352	Hogarth B	35

Note: This class meets the Cultural Diversity requirement for the AA degree.

<b>61121</b>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Dolemba M	25
--------------	------------	-------	---	----------	----------	--------	-----------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided. This class meets the Cultural Diversity requirement for the AA degree.

<b>61143</b>	351 ONLINE	-----	-	06/03/13	07/28/13	ONLINE	Dolemba M	25
--------------	------------	-------	---	----------	----------	--------	-----------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided. This class meets the Cultural Diversity requirement for the AA degree.

## American Sign Language (ASL)

### 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. 1 hr. lecture 4 hrs instructional lecture-lab/wk. ASL 120 and FL 180 are the same course. Do not enroll in both.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60659</b>	001 F2F	MTW----	08:00-11:05 AM	06/03/13	07/24/13	GEB 215	Kuhns K	15

Kansas State Bill 155

### 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. 1 hr. lecture and 4 hrs. instructional lecture-lab/wk. ASL 121 and FL 181 are the same course. Do not enroll in both.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60660</b>	001 F2F	MTW----	06:00-09:05 PM	06/03/13	07/24/13	GEB 215	Symansky R	15

Kansas State Bill 155

Note: Until May 11, 2013, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 11, 2013, anyone may enroll if there are seats available.

**Requirement:** Department approval

# Astronomy (ASTR)

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60493</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Koch W	<u>26</u>

Note: Orientation for first-time online students is highly recommended. Students should log into the course through Angel (<http://dl.jccc.edu>) 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.

<u>60515</u>	351 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Koch W	<u>26</u>
--------------	------------	-------	---	----------	----------	--------	--------	-----------

Note: Orientation for first-time online students is highly recommended. Students should log into the course through Angel (<http://dl.jccc.edu>) 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, 2 hrs. lab/wk., 5 nighttime telescope sessions are required. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60246</u>	001 F2F	M-W----	09:00-10:50 AM	06/03/13	07/24/13	CLB 411	Koch W	<u>24</u>
		-T-R---	09:00-09:50 AM	06/04/13	07/25/13	CLB 411		
	(Lab)	-T-R---	10:00-11:50 AM	06/04/13	07/25/13	CLB 411		

Note: Evening viewing sessions are required.

# Automotive Technology (AUTO)

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60213</u>	376 HYB	M-W----	01:00-02:50 PM	06/03/13	07/24/13	ATB 129	Hall D	<u>15</u>
	(Lab)	M-W----	03:00-05:50 PM	06/03/13	07/24/13	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.

**Prerequisite or corequisite:** AUTO 125

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60979</u> 001 E2F	-T-R---	01:00-02:50 PM	06/04/13	07/25/13	<u>ATB</u> 129	<u>Hensley E</u>	<u>18</u>
	(Lab) -T-R---	03:00-05:50 PM	06/04/13	07/25/13	<u>ATB</u> 182		

Kansas State Bill 155

## AUTO 158 - Steering and Suspension I

In this course students will document fundamental suspension system concerns, perform fundamental diagnostics of steering systems, perform fundamental repairs of steering systems, perform fundamental diagnostics of suspension systems, perform fundamental repairs of suspension systems, determine the need for wheel alignment and adjustment, perform fundamental diagnostics of wheel and tire systems, and perform fundamental repairs of wheel and tire systems. 1 hr. lecture, 3 hrs. instructional lab/wk.

**Prerequisite or corequisite:** AUTO 125

**Corequisite:** AUTO 159

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

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61210</u> 001 E2F	M-W----	08:00-08:50 AM	06/03/13	07/28/13	<u>ATB</u> 129	<u>Hall D</u>	<u>14</u>
	M-W----	09:00-11:50 AM	06/03/13	07/28/13	<u>ATB</u> 185		

Kansas State Bill 155

## AUTO 159 - Steering and Suspension II

Upon successful completion of this course, students should be able to perform complex diagnostics and repair on steering and suspension systems. Additionally, students will perform pre-alignment inspection and complex repairs of wheel and tire systems. 1 hr. lecture, 3 hrs. lecture/wk.

**Prerequisite or corequisite:** AUTO 125

**Corequisite:** AUTO 158

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

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61211</u> 001 E2F	-T-R---	08:00-08:50 AM	06/04/13	07/28/13	<u>ATB</u> 129	<u>Hall D</u>	<u>14</u>
	-T-R---	09:00-11:50 AM	06/04/13	07/28/13	<u>ATB</u> 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

**Prerequisite:** Department approval required

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60211</u> 500 INT	-----	-	06/03/13	07/25/13	<u>ATB</u>	<u>Randazzo C</u>	<u>5</u>
Kansas State Bill 155							
Requirement: Department approval							

## Cosmetology (AVCO)

### 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.

Associated Costs: \$145 to 150  
Credit Hours: 17

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61085</u> 198 F2F	MTWR---	05:30-09:30 PM	07/22/13	09/12/13	<u>WPK 108</u>	<u>Rodriguez C</u>	<u>6</u>
	-----S-	09:00-01:00 PM	07/27/13	09/14/13	<u>WPK 108</u>		
	M-----	05:30-09:30 PM	09/16/13	12/02/13	<u>WPK 108</u>		
	-TWR---	05:30-09:30 PM	09/17/13	12/05/13	<u>WPK 101</u>		
	-----S-	09:00-01:00 PM	09/21/13	12/07/13	<u>WPK 101</u>		
Nail Technology-Part Time							
Kansas State Bill 155							
Requirement: selective admission approval							
<u>61070</u> 199 F2F	MTWRF--	08:00-05:00 PM	06/03/13	06/21/13	<u>WPK 108</u>	<u>Rodriguez C</u>	<u>6</u>
	-TWRF--	08:00-05:00 PM	06/24/13	08/09/13	<u>WPK 101</u>		
	M-----	08:00-05:00 PM	06/24/13	08/09/13	<u>WPK 108</u>		
Kansas State Bill 155							
Requirement: selective admission approval							

### 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.

Prerequisite: Selective Admission Approval

Associated Costs: \$28 to 38  
Credit Hours: 21

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61072</u> 200 F2F	MTWRF--	08:00-05:00 PM	05/20/13	08/16/13	<u>WPK 133</u>	<u>Beach M</u>	<u>12</u>
	MTWRF--	08:00-05:00 PM	08/19/13	08/23/13	<u>WPK 101</u>		
Kansas State Bill 155							
Requirement: selective admission approval							

## 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.*

**Prerequisite:** Selective Admission Approval

**Credit Hours:** 12

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61073</u>	200 E2F MT-----	08:00-05:00 PM	05/20/13	08/16/13	WPK 177	Beach M	12
	--W-F--	08:00-05:00 PM	05/22/13	08/16/13	WPK 101		
	---R---	11:00-08:00 PM	05/23/13	08/16/13	WPK 101		
	MTWRF--	08:00-05:00 PM	08/19/13	08/23/13	WPK 101		

Kansas State Bill 155

**Requirement:** selective admission approval

## 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.*

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

**Associated Costs:** \$159

**Credit Hours:** 12

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61074</u>	200 E2F M-----	08:00-05:00 PM	05/20/13	08/16/13	WPK 129	McAnerney C	12
	-TW-F--	08:00-05:00 PM	05/21/13	08/16/13	WPK 101	Beach M	
	---R---	11:00-08:00 PM	05/23/13	08/16/13	WPK 101		
	MTWRF--	08:00-05:00 PM	08/19/13	08/23/13	WPK 101		

Kansas State Bill 155

**Requirement:** selective admission approval

## Health Occupations (AVHO)

### 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](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/>. 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.*

**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.



Associated Costs: \$20 to 110  
Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60314</u>	005 F2F MTWR---	08:00-03:30 PM	06/03/13	06/27/13	OHEC 241	Reischman C	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60682</u>	006 F2F MTWR---	08:30-03:30 PM	06/03/13	06/27/13	LCS 09	Schaffer B	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st. to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60358</u>	007 F2F MTWR---	08:00-03:00 PM	07/01/13	07/25/13	OHEC 241	Green S	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60357</u>	008 F2F MTWR---	08:30-03:30 PM	07/01/13	07/25/13	LCS 09	Schaffer B	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60627</u>	009 F2F --WR---	08:30-03:30 PM	06/05/13	07/25/13	OHEC 235	Brown D	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60628</u>	010 F2F -TR---	08:30-03:00 PM	06/04/13	07/25/13	OHEC 233	Horst K	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60340</u>	011 F2F M-WR---	05:00-09:00 PM	06/03/13	07/25/13	LCS 09	Pravec C	<u>10</u>
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility.							
Requirement: unavailable							
<u>60388</u>	377 HYB -T----- -----	08:00-03:00 PM	06/04/13	07/23/13	OHEC 231	Kobularcik L	<u>10</u>
Mandatory Classroom Meetings							
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students must view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility. *This course has all or a substantial portion of the content provided online.							
Requirement: unavailable							
<u>60389</u>	378 HYB --W----- -----	08:00-03:00 PM	06/05/13	07/24/13	OHEC 231	Kobularcik L	<u>10</u>
Mandatory Classroom Meetings							
Kansas State Bill 155							
Note: Registration for this course will not begin until 8:00 a.m. on Monday, April 1, 2013. Students MUST view CNA Enrollment Tips ( <a href="http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html">http://www.jccc.edu/nursing/nurse-aide/cna-enrollment-tips.html</a> ) before April 1st to ensure enrollment eligibility. * This course has all or a substantial portion of the content provided online.							
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>. This course is not federal aid eligible.

**Prerequisite:** Kansas CNA Certification

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60865</u> 001 <u>F2F</u>	--WR---	09:00-02:30 PM	07/10/13	07/18/13	OHEC 207	Reischman C	<u>20</u>
Note: For more information, go to <a href="http://www.jccc.edu/nursing/">http://www.jccc.edu/nursing/</a> . Failure to comply with instructions listed on the web page(s) will result in withdrawal from the class.							
<u>61120</u> 002 <u>F2F</u>	-----S-	08:30-04:00 PM	07/06/13	07/20/13	OHEC 233	Waechter J	<u>20</u>

## 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>. 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.

**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.

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

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60255</u> 004 <u>F2F</u>	--W-F--	08:30-02:30 PM	06/05/13	07/24/13	OHEC 209	Dillon E	<u>15</u>
Kansas State Bill 155							
Note: For more information, go to <a href="http://www.jccc.edu/nursing/">http://www.jccc.edu/nursing/</a> . Failure to comply with instructions listed on the web page(s) will result in withdrawal from the class. Class will not be held on Friday, July 5th.							

## 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](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>. 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.*

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

**Associated Costs:** \$20

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60315</u> 003 <u>F2F</u>	-----S-	08:30-04:30 PM	07/06/13	07/20/13	OHEC 231	Wiley K	<u>20</u>
Note: For more information, go to <a href="http://www.jccc.edu/nursing/">http://www.jccc.edu/nursing/</a> . Failure to comply with instructions listed on the web page(s) will result in withdrawal from the class.							

## Biology (BIOL)

### 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**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60492</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Berry S	<u>26</u>

Kansas State Bill 155

Note: Students requiring a nutrition class for a BSN nursing degree or allied health must take BIOL 235, not BIOL 110. No on-campus meetings will be required.

## 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.

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

**Credit Hours: 4**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60829</u>	001 F2F M-W----	08:00-10:30 AM	06/03/13	07/24/13	CLB 314	Loring D	<u>28</u>
	(Lab) -T-----	08:00-09:50 AM	06/04/13	07/23/13	SCI 203		
	(Lab) ---R---	08:00-09:50 AM	06/06/13	07/25/13	SCI 207		
<u>60830</u>	002 F2F M-W----	10:45-01:15 PM	06/03/13	07/24/13	CLB 314	Loring D	<u>28</u>
	(Lab) -T-----	10:00-11:50 AM	06/04/13	07/23/13	SCI 203		
	(Lab) ---R---	10:00-11:50 AM	06/06/13	07/25/13	SCI 207		
<u>61071</u>	003 F2F M-W----	01:30-04:00 PM	06/03/13	07/24/13	CLB 314	O'Leary M	<u>28</u>
	(Lab) -T-----	01:00-02:50 PM	06/04/13	07/23/13	SCI 203		
	(Lab) ---R---	01:00-02:50 PM	06/06/13	07/25/13	SCI 207		
<u>60832</u>	004 F2F M-W----	06:00-08:30 PM	06/03/13	07/24/13	CLB 314	Dyke F	<u>28</u>
	(Lab) -T-----	06:00-07:50 PM	06/04/13	07/23/13	SCI 203		
	(Lab) ---R---	06:00-07:50 PM	06/06/13	07/25/13	SCI 207		
<u>60833</u>	005 F2F (Lab)M-----	08:30-10:20 AM	06/03/13	07/22/13	SCI 203	Burgess K	<u>28</u>
	-T-R---	08:00-10:30 AM	06/04/13	07/25/13	CLB 314		
	(Lab) --W----	08:30-10:20 AM	06/05/13	07/24/13	SCI 207		
<u>60834</u>	006 F2F (Lab)M-----	10:30-12:20 PM	06/03/13	07/22/13	SCI 203	Arico J	<u>28</u>
	-T-R---	10:45-01:15 PM	06/04/13	07/25/13	CLB 314		
	(Lab) --W----	10:30-12:20 PM	06/05/13	07/24/13	SCI 207		
<u>60955</u>	007 F2F M-W----	10:00-12:30 PM	06/03/13	07/24/13	CLB 316	Finch D	<u>28</u>
	(Lab) M-----	01:00-02:50 PM	06/03/13	07/22/13	SCI 203		
	(Lab) --W----	01:00-02:50 PM	06/05/13	07/24/13	SCI 207		

Note: Lab meetings are mandatory.

<u>60836</u>	380 HYB (Lab)M-----	03:00-04:50 PM	06/03/13	07/22/13	SCI 203	Decelles P	<u>28</u>
	-----	-	06/03/13	07/25/13	ONLINE		
	(Lab) --W----	03:00-04:50 PM	06/05/13	07/24/13	SCI 207		

Mandatory Classroom Meetings

<u>60835</u>	381 HYB (Lab)M-----	06:00-07:50 PM	06/03/13	07/22/13	SCI 203	Decelles P	<u>28</u>
	-----	-	06/03/13	07/25/13	ONLINE		
	(Lab) --W----	06:00-07:50 PM	06/05/13	07/24/13	SCI 207		

Mandatory Classroom Meetings

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60043</u> 001 <u>F2F</u>	M-W----	01:30-03:50 PM	06/03/13	07/24/13	SCI 124	<u>Menzel J</u>	<u>24</u>
<u>60042</u> 002 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	CLB 316	<u>Huckett S</u>	<u>24</u>
<u>60455</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Williams D</u>	<u>24</u>

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

<u>60552</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Follo J</u>	<u>24</u>
--------------------------------	-------	---	----------	----------	---------------	----------------	-----------

Note: 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.*

**Prerequisite or corequisite:** BIOL 130

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60044</u> 001 <u>F2F</u>	-T-R---	06:00-07:50 PM	06/04/13	07/25/13	CLB 303	TBA	<u>24</u>
<u>60604</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Follo J</u>	<u>24</u>

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 (Angel). There is a lab every week with some of the labs requiring students to 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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60370</u> 001 <u>F2F</u>	M-W----	08:00-10:30 AM	06/03/13	07/24/13	RC 370	<u>Meador D</u>	<u>24</u>
	(Lab) -T-R---	08:00-09:50 AM	06/04/13	07/25/13	RC 345		
<u>60600</u> 002 <u>F2F</u>	M-W----	12:00-02:30 PM	06/03/13	07/24/13	RC 370	<u>Meador D</u>	<u>24</u>
	(Lab) -T-R---	12:00-01:50 PM	06/04/13	07/25/13	RC 345		
<u>60443</u> 003 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	RC 370	<u>Arico J</u>	<u>24</u>
	(Lab) -T-R---	06:00-07:50 PM	06/04/13	07/25/13	RC 345		
<u>60553</u> 380 <u>HYB</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mulcahy E</u>	<u>24</u>
	(Lab)-----S-	08:00-06:00 PM	06/22/13	06/22/13	RC 345		
	(Lab)-----S-						

## Mandatory Classroom Meetings

Note: Lab meetings are mandatory. If you miss one lab session, or part of a lab session, you will be dropped from the class. If you're new to Online Learning, JCCC strongly urges you to attend one of the Distance Learning Orientation sessions on the JCCC campus. If you have not attended a session in the last 3-4 semesters, we recommend you attend the orientation again, if possible. Exams will be scheduled on campus in the Testing Center.

## 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, 3 hrs. lecture, 3 hrs. lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours: 4**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60045</u> 001 <u>F2F</u>	MTWR---	09:00-11:50 AM	06/03/13	07/25/13	<u>CLB 313</u>	<u>Makarov A</u>	<u>24</u>
Kansas State Bill 155							
<u>60601</u> 002 <u>F2F</u>	MTWR---	12:00-02:50 PM	06/03/13	07/25/13	<u>CLB 313</u>	<u>Makarov A</u>	<u>24</u>
Kansas State Bill 155							
<u>60046</u> 003 <u>F2F</u>	MTWR---	02:00-04:50 PM	06/03/13	07/25/13	<u>CLB 309</u>	<u>Lasley L</u>	<u>24</u>
Kansas State Bill 155							
<u>60950</u> 004 <u>F2F</u>	MTWR---	06:00-08:50 PM	06/03/13	07/25/13	<u>CLB 309</u>	<u>Brown S</u>	<u>24</u>
Kansas State Bill 155							
<u>60951</u> 005 <u>F2F</u>	MTWR---	11:00-01:50 PM	06/03/13	07/25/13	<u>OHEC 107</u>	<u>Brown S</u>	<u>24</u>
Kansas State Bill 155							
<u>61015</u> 006 <u>F2F</u>	MTWR---	02:00-04:50 PM	06/03/13	07/25/13	<u>OHEC 107</u>	<u>Witters L</u>	<u>24</u>
Kansas State Bill 155							
<u>61016</u> 007 <u>F2F</u>	MTWR---	06:00-08:50 PM	06/03/13	07/25/13	<u>OHEC 107</u>	<u>Witters L</u>	<u>24</u>
Kansas State Bill 155							
<u>61206</u> 008 <u>F2F</u>	MTWR---	11:00-01:50 PM	06/03/13	07/28/13	<u>CLB 309</u>	<u>Lasley L</u>	<u>24</u>
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. 3 hrs. lecture, 4 hrs. 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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours: 5**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60047</u>	001 <u>F2F</u> MTWR----	08:00-11:15 AM	06/03/13	07/25/13	<u>SCI 103</u>	<u>Bishop D</u>	<u>24</u>
Kansas State Bill 155							
<u>60349</u>	002 <u>F2F</u> MTWR----	01:00-04:15 PM	06/03/13	07/25/13	<u>SCI 103</u>	<u>Bishop D</u>	<u>24</u>
Kansas State Bill 155							
<u>60048</u>	003 <u>F2F</u> MTWR----	06:00-09:15 PM	06/03/13	07/25/13	<u>SCI 103</u>	<u>Sullivan C</u>	<u>24</u>
Kansas State Bill 155							
<u>60554</u>	380 <u>HYB</u> M----- (Lab) ----- ----- (Lab) --W----- (Lab) M----- (Lab) --W----- (Lab) M----- (Lab) --W----- (Lab) M----- (Lab) --W----- (Lab) M----- (Lab) --W-----	05:00-08:50 PM - 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM	06/03/13 06/03/13 06/12/13 06/17/13 06/26/13 07/01/13 07/10/13 07/15/13 07/24/13	06/03/13 07/25/13 06/12/13 06/17/13 06/26/13 07/01/13 07/10/13 07/15/13 07/24/13	<u>SCI 111</u> <u>ONLINE</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u>	<u>Frailey C</u>	<u>24</u>
Mandatory Classroom Meetings Kansas State Bill 155 Note: Lab meetings are mandatory.							
<u>60652</u>	381 <u>HYB</u> ----- (Lab) -T----- (Lab) ---R--- (Lab) -T----- (Lab) ---R--- (Lab) -T-----  (Lab) ---R--- (Lab) -T----- (Lab) ---R---	- 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM  05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM	06/03/13 06/04/13 06/13/13 06/18/13 06/27/13 07/02/13  07/11/13 07/16/13 07/25/13	07/25/13 06/04/13 06/13/13 06/18/13 06/27/13 07/02/13  07/11/13 07/16/13 07/25/13	<u>ONLINE</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u>  <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u>	<u>Frailey C</u>	<u>24</u>
Mandatory Classroom Meetings Kansas State Bill 155 Note: Lab meetings are mandatory.							
<u>61082</u>	382 <u>HYB</u> ----- (Lab) --W----- (Lab) -T----- (Lab) --W----- (Lab) -T----- (Lab) --W-----  (Lab) -T----- (Lab) --W----- (Lab) -T-----	- 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM  05:00-08:50 PM 05:00-08:50 PM 05:00-08:50 PM	06/03/13 06/05/13 06/11/13 06/19/13 06/25/13 07/03/13  07/09/13 07/17/13 07/23/13	07/25/13 06/05/13 06/11/13 06/19/13 06/25/13 07/03/13  07/09/13 07/17/13 07/23/13	<u>ONLINE</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u>  <u>SCI 111</u> <u>SCI 111</u> <u>SCI 111</u>	<u>Shopper M</u> <u>Baumgardner B</u>	<u>24</u>
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. 3 hrs. lecture, 3 hrs. lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** BIOL 140 or BIOL 144

**Prerequisites or corequisites:** CHEM 122 or (CHEM 124 and CHEM 125)

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60948</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Burgess K	24
Note: Exams are taken on campus at the JCCC testing center. All lab work is computer based and will be completed online.							
<u>60496</u>	351 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Pendergrass D	24
Mandatory Classroom Meetings Note: Lab meetings are mandatory.							
<u>60049</u>	380 HYB M-W---- (Lab)	01:00-03:50 PM	06/03/13	07/24/13	SCI 111	Menon J	24
	-----	-	06/03/13	07/25/13	ONLINE		
Mandatory Classroom Meetings Note: Lab meetings are mandatory.							
<u>60514</u>	381 HYB ----- (Lab) -T-R---	01:00-03:50 PM	06/03/13	07/25/13	ONLINE	Menon J	24
			06/04/13	07/25/13	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.*

**Prerequisite:** BIOL 144 or BIOL 225

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60776</u>	380 HYB --W----	08:00-09:50 AM	06/03/13	07/24/13	CLB 309	Clark M	24
	-----	-	06/03/13	07/25/13	ONLINE		
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: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

*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.*

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60050</u>	001 F2F MTWR---	08:00-09:15 AM	06/03/13	07/25/13	SCI 116	Oden J	28
<u>60051</u>	002 F2F MTWR---	09:30-10:45 AM	06/03/13	07/25/13	SCI 116	Cunningham J	28
<u>60440</u>	003 F2F MTWR---	12:30-01:45 PM	06/03/13	07/25/13	SCI 116	Kincaid M	28
<u>60052</u>	004 F2F MTWR---	06:00-07:15 PM	06/03/13	07/25/13	SCI 116	Bird M	28
<u>60532</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Mulcahy E	24
Note: If you're new to Online Learning, JCCC strongly urges you to attend one of the Distance Learning Orientation sessions on the JCCC campus. If you have not attended a session in the last 3-4 semesters, we recommend you attend the orientation again, if possible. Exams will be scheduled on campus in the Testing Center.							
<u>60636</u>	351 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Mulcahy E	24
Note: Exams will be scheduled on campus 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./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.*

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

**Associated Costs:** \$35

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60053</u> 001 <u>F2F</u>	MTWR---	09:30-11:20 AM	06/03/13	07/25/13	<u>SCI 113</u>	<u>Oden J</u>	<u>24</u>
<u>60444</u> 002 <u>F2F</u>	MTWR---	11:30-01:20 PM	06/03/13	07/25/13	<u>SCI 113</u>	<u>Cunningham J</u>	<u>24</u>
<u>60054</u> 003 <u>F2F</u>	MTWR---	02:00-03:50 PM	06/03/13	07/25/13	<u>SCI 113</u>	<u>Hontz J</u>	<u>24</u>
<u>60055</u> 004 <u>F2F</u>	MTWR---	07:30-09:20 PM	06/03/13	07/25/13	<u>SCI 113</u>	<u>Bird M</u>	<u>24</u>

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

**Prerequisites:** CHEM 122 or (CHEM 124 and CHEM 125) and BIOL 144 or (BIOL 140 and BIOL 225 - prerequisite or corequisite)

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60057</u> 001 <u>F2F</u>	M-W----	05:00-07:50 PM	06/03/13	07/24/13	<u>SCI 124</u>	<u>Berry S</u>	<u>24</u>

Kansas State Bill 155

<u>60056</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Berry S</u>	<u>26</u>
--------------------------------	-------	---	----------	----------	---------------	----------------	-----------

Kansas State Bill 155

Note: A minimum of 3 exams will be taken in the Testing Center on campus.

<u>60494</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Berry S</u>	<u>26</u>
--------------------------------	-------	---	----------	----------	---------------	----------------	-----------

Kansas State Bill 155

Note: A minimum of 3 exams will be taken in the Testing Center on campus.

## 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.

**Prerequisite:** BIOL 225

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-----							



60855 350 ONLINE

-

06/03/13

07/25/13

ONLINEBaumgardner B28

Kansas State Bill 155

NOTE: Students will be required to take course tests in the JCCC testing center, third floor of the SC building.

## Biotechnology (BIOT)

Missouri residents, see [Reverse Cooperative Information](#)

### 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.

**Prerequisites:** CHEM 122 and prerequisite or corequisite BIOL 135 or CHEM 124 and CHEM 125

**Prerequisite or corequisite:** BIOL 135 All prerequisites and corequisites require a grade of "C" or higher

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60952</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Seitz H</u>	<u>16</u>

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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60953</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Seitz H</u>	<u>16</u>

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 lab hrs./wk.

**Prerequisites:** BIOT 260 and either BIOT 160 or BIOL 160 and either BIOT 165 or BIOL 165 and department approval

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60583</u> 500 <u>INT</u>	-----	-	06/03/13	07/25/13		<u>Wolfram L</u>	<u>4</u>

Kansas State Bill 155

**Requirement:** Department approval

## Business Office Technology (BOT)

## BOT 105 - Keyboarding and Formatting I

Upon successful completion of this course, the student should be able to develop speed and accuracy by learning to use the alphabetic, numeric and symbol keys by touch; identify and operate the basic machine parts and special purpose keys; and format and type personal correspondence and business documents - letters, reports, tables and memos. Microsoft Word will be used in this class to complete and format documents. 3 hrs./wk.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60432</u> 001 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 353A</u>	<u>Horne S</u>	<u>18</u>

## BOT 106 - Intro to Business Computer Applications

Upon successful completion of this course, the student should be able to use the beginning features of an operating system and word processing, spreadsheet, database management, presentation graphics, and e-mail programs to prepare and manage documents simulating legal, medical and general business office applications. Proficiency will also be attained in selecting appropriate applications to use and to integrate all of the business computer application programs to complete projects. Document formatting and proofreading will also be introduced. Hands-on, practical projects will be performed to reinforce the concepts taught. 3 hrs. lecture/wk.

**Prerequisite or corequisite:** BOT 105

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60558</u> 001 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 353B</u>	<u>Tatum D</u>	<u>18</u>
Kansas State Bill 155							

## BOT 115 - Electronic Calculators

Upon successful completion of this course, the student should be able to review basic arithmetic, operate the electronic calculator by touch to build speed and accuracy, use basic calculator functions and operating controls, and solve business application problems. 1 hr./wk.

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60731</u> 001 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	06/19/13	<u>GEB 351B</u>	<u>Horne S</u>	<u>12</u>
Kansas State Bill 155							

## Business (BUS)

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60184</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 258</u>	<u>Farmer C</u>	<u>30</u>
Kansas State Bill 155							
<u>60654</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>OCB 248</u>	<u>Smith J</u>	<u>30</u>
Kansas State Bill 155							
<u>60456</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gallagher K</u>	<u>20</u>

Kansas State Bill 155

<b>60718</b>	351	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gallagher K</u>	<u>20</u>
Kansas State Bill 155									
<b>60559</b>	352	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gallagher K</u>	<u>20</u>
Kansas State Bill 155									
<b>60856</b>	353	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Stannard J</u>	<u>20</u>
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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>61150</b>	001 <u>E2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 379</u>	<u>Forbes H</u>	<u>22</u>
<b>60886</b>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Noel M</u>	<u>20</u>
<b>60866</b>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Noel M</u>	<u>20</u>
<b>60717</b>	352 <u>ONLINE</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Hussein S</u>	<u>20</u>
<b>60637</b>	353 <u>ONLINE</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Hussein S</u>	<u>20</u>
<b>61159</b>	354 <u>ONLINE</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Hussein S</u>	<u>20</u>

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60655</b>	350 <u>ONLINE</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Webb F</u>	<u>20</u>
Kansas State Bill 155								
<b>60457</b>	351 <u>ONLINE</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Nikravan S</u>	<u>20</u>
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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

<u>60648</u>	350 ONLINE	-----	-	06/03/13	06/27/13	ONLINE	Webb F	20
Kansas State Bill 155								
<u>60185</u>	351 ONLINE	-----	-	06/03/13	06/27/13	ONLINE	Webb F	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.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61149</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Horner E	20
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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** ENGL 121

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60885</u>	001 F2F	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	GEB 256	Anderson K	30
Kansas State Bill 155								
<u>60529</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Nikravan S	20
Kansas State Bill 155								
<u>60719</u>	351 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Gaines K	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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60531</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Fleming S	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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60614</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Korb J</u>	<u>20</u>
<u>60720</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Korb J</u>	<u>20</u>
<u>60428</u>	352 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hughey K</u>	<u>20</u>

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60656</u>	001 <u>E2F</u> -T-R----	06:00-08:30 PM	06/04/13	07/25/13	<u>CC 329</u>	<u>Rasmussen L</u>	<u>24</u>

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

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60657</u>	001 <u>E2F</u> MTWR----	11:00-12:15 PM	06/03/13	07/25/13	<u>ITC 183</u>	<u>Baker M</u>	<u>17</u>

Kansas State Bill 155

<u>60186</u>	002 <u>E2F</u> -T-R----	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 379</u>	<u>Buck R</u>	<u>22</u>
--------------	-------------------------	----------------	----------	----------	----------------	---------------	-----------

Kansas State Bill 155

<u>60429</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Crawford T</u>	<u>20</u>
--------------	-------------------------	---	----------	----------	---------------	-------------------	-----------

Kansas State Bill 155

<u>60721</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Crawford T</u>	<u>20</u>
--------------	-------------------------	---	----------	----------	---------------	-------------------	-----------

Kansas State Bill 155

<u>60722</u>	352 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Crawford T</u>	<u>20</u>
--------------	-------------------------	---	----------	----------	---------------	-------------------	-----------

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

Prerequisite: BUS 261

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60430</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Pener M</u>	<u>20</u>
Kansas State Bill 155							
<u>60890</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Stewart-Ayala N</u>	<u>20</u>
Kansas State Bill 155							

## Computer Desktop Publishing (CDTP)

### 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.

Associated Costs: \$15 to 20

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60623</u>	001 <u>F2F</u> M-----	12:00-02:45 PM	06/03/13	07/01/13	<u>RC 374</u>	<u>Hincks B</u>	<u>15</u>
Kansas State Bill 155							
<u>60795</u>	002 <u>F2F</u> --W----	08:00-10:45 AM	06/05/13	07/05/13	<u>RC 374</u>	<u>Hincks B</u>	<u>15</u>
Kansas State Bill 155							
<u>60624</u>	003 <u>F2F</u> --W----	12:00-02:45 PM	06/05/13	07/03/13	<u>RC 374</u>	<u>Hincks B</u>	<u>15</u>
Kansas State Bill 155							
<u>60267</u>	004 <u>F2F</u> --W----	06:00-08:45 PM	06/05/13	07/03/13	<u>RC 374</u>	<u>Patton K</u>	<u>15</u>
Kansas State Bill 155							
<u>60462</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/01/13	<u>ONLINE</u>	TBA	<u>15</u>
Kansas State Bill 155							
<u>60822</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/01/13	<u>ONLINE</u>	TBA	<u>15</u>
Kansas State Bill 155							
<u>60649</u>	352 <u>ONLINE</u> -----	-	06/10/13	07/08/13	<u>ONLINE</u>	TBA	<u>15</u>
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.

Associated Costs: \$15 to 90

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60647</u>	001 <u>F2F</u> M-----	06:00-08:45 PM	06/03/13	07/01/13	<u>RC 374</u>	<u>Mora E</u>	<u>15</u>
Kansas State Bill 155							

60569 00A F2F --W---- 11:00-01:45 PM 06/05/13 07/03/13 RC 376 TBA 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.

Associated Costs: \$15 to 90  
 Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60268</u> 001 <u>F2F</u>	M-----	08:00-10:45 AM	06/03/13	07/01/13	<u>RC 374</u>	<u>Hincks B</u>	<u>15</u>
Kansas State Bill 155							
<u>60269</u> 002 <u>F2F</u>	-T-----	12:00-02:45 PM	06/04/13	07/02/13	<u>RC 374</u>	<u>Hincks B</u>	<u>15</u>
Kansas State Bill 155							

## Chemistry (CHEM)

### 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.

Associated Costs: \$60  
 Credit Hours: 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60402</u> 380 <u>HYB</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Harvey M</u>	<u>24</u>
	(Lab)-----S-	09:00-01:50 PM	06/15/13	06/15/13	<u>SCI 216</u>		
	(Lab)-----S-	09:00-01:50 PM	06/22/13	06/22/13	<u>SCI 216</u>		
	(Lab)-----S-	09:00-01:50 PM	07/13/13	07/13/13	<u>SCI 216</u>		
	(Lab)-----S-	09:00-01:50 PM	07/20/13	07/20/13	<u>SCI 216</u>		

Mandatory Classroom Meetings

Note: Lab meetings are mandatory and will meet on campus. Tests must be taken in the Test Center on 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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

Associated Costs: \$60  
 Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61079</u> 002 <u>F2F</u>	M-W----	08:00-10:50 AM	06/03/13	07/24/13	<u>SCI 216</u>	<u>O'Leary M</u>	<u>24</u>
	-T-R---	08:00-08:50 AM	06/04/13	07/25/13	<u>SCI 216</u>		
	(Lab)-T-R---	09:00-11:50 AM	06/04/13	07/25/13	<u>SCI 215</u>		
<u>61081</u> 003 <u>F2F</u>	M-W----	06:00-06:50 PM	06/03/13	07/24/13	<u>SCI 216</u>	<u>Svojanovsky S</u>	<u>24</u>
	(Lab)M-W----	07:00-09:50 PM	06/03/13	07/24/13	<u>SCI 215</u>		
	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>SCI 216</u>		

<b>60215</b>	380	<b>HYB</b>	M-W----	08:00-08:50 AM	06/03/13	07/24/13	<b>SCI 218</b>	<b>Elisabeth E</b>	<b>24</b>
			(Lab)M-W----	09:00-11:50 AM	06/03/13	07/24/13	<b>SCI 215</b>		
			-----	-	06/03/13	07/25/13	<b>ONLINE</b>		
Mandatory Classroom Meetings									
<b>60551</b>	381	<b>HYB</b>	M-W----	11:00-11:50 AM	06/03/13	07/24/13	<b>SCI 216</b>	<b>Thomas K</b>	<b>24</b>
			(Lab)M-W----	12:00-02:50 PM	06/03/13	07/24/13	<b>SCI 215</b>		
			-----	-	06/03/13	07/25/13	<b>ONLINE</b>		
Mandatory Classroom Meetings									
<b>61080</b>	382	<b>HYB</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Harvey M</b>	<b>24</b>
			-T-R---	12:00-12:50 PM	06/04/13	07/25/13	<b>SCI 216</b>		
			(Lab)-T-R---	01:00-03:50 PM	06/04/13	07/25/13	<b>SCI 215</b>		
Mandatory Classroom Meetings									
<b>61207</b>	383	<b>HYB</b>	M-W----	02:00-02:50 PM	06/03/13	07/28/13	<b>SCI 216</b>	<b>Elisabeth E</b>	<b>24</b>
			(Lab)M-W----	03:00-05:50 PM	06/03/13	07/28/13	<b>SCI 215</b>		
			-----	-	06/03/13	07/28/13	<b>ONLINE</b>		

## 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.

**Prerequisite or corequisite:** MATH 171 or placement test test

**Corequisite:** CHEM 125

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60218</b>	001 <b>F2F</b>	MTWR---	07:00-09:20 AM	06/03/13	07/25/13	<b>SCI 114</b>	<b>Ogdon F</b>	<b>24</b>
Co-requisite to enroll in CHEM 125 (CRN 60058)								
<b>60550</b>	002 <b>F2F</b>	MTWR---	09:30-11:50 AM	06/03/13	07/25/13	<b>SCI 114</b>	<b>Way J</b>	<b>24</b>
Co-requisite to enroll in CHEM 125 (CRN 60549)								
<b>60219</b>	003 <b>F2F</b>	MTWR---	12:00-02:20 PM	06/03/13	07/25/13	<b>SCI 114</b>	<b>Robinson J</b>	<b>24</b>
Co-requisite to enroll in CHEM 125 (CRN 60059)								
<b>60220</b>	004 <b>F2F</b>	M-W----	06:00-09:50 PM	06/03/13	07/24/13	<b>SCI 114</b>	<b>Weems J</b>	<b>24</b>
		-T-R---	06:00-06:50 PM	06/04/13	07/25/13	<b>SCI 114</b>		
Co-requisite to enroll in CHEM 125 (CRN 60060)								
<b>60332</b>	350 <b>ONLINE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Byers D</b>	<b>30</b>
Co-requisite to enroll in CHEM 125 (CRN 60331)								
Note: Students enrolling in CHEM 124 350 must enroll in CHEM 125 005. For CHEM 124 350, tests will be administered in the Testing Center.								

## CHEM 125 - General Chemistry I Lab

Experiments of a qualitative and quantitative nature that support topics from General Chemistry I Lecture will be carried out. 3 hrs./wk.

**Corequisite:** CHEM 124 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.

**Associated Costs:** \$60

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60058</b>	001 <b>F2F</b>	-T-R---	09:30-12:20 PM	06/04/13	07/25/13	<b>SCI 211</b>	<b>Ogdon F</b>	<b>24</b>
Co-requisite to enroll in CHEM 124 (CRN 60218)								



<u>60549</u>	002 F2F	M-W----	12:00-02:50 PM	06/03/13	07/24/13	SCI 211	Way J	24
Co-requisite to enroll in CHEM 124 (CRN 60550)								
<u>60059</u>	003 F2F	M-W----	09:00-11:50 AM	06/03/13	07/24/13	SCI 211	Robinson J	24
Co-requisite to enroll in CHEM 124 (CRN 60219)								
<u>60060</u>	004 F2F	-T-R---	07:00-09:50 PM	06/04/13	07/25/13	SCI 211	Weems J	24
Co-requisite to enroll in CHEM 124 (CRN 60220)								
<u>60331</u>	005 F2F	--W----	05:30-09:50 PM	06/05/13	07/24/13	SCI 211	Slavin L	24
Co-requisite to enroll in CHEM 124 (CRN 60332)								
Note: Students enrolling in CHEM 125 005 must enroll in CHEM 124 350. This section of Chem 125 is reserved for only those students who enroll in the Online section of Chem 124-350. Mandatory on-campus labs must be attended. No lab meeting on July 3rd, 2012.								

## 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)*

**Prerequisites:** CHEM 124 and CHEM 125

**Corequisite:** CHEM 132

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60221</u>	001 F2F	MTWR---	08:00-09:50 AM	06/03/13	07/25/13	GEB 217	Egan G	24
Co-requisite to enroll in CHEM 132 (CRN 60061)								
<u>60602</u>	002 F2F	MTWR---	10:00-11:50 AM	06/03/13	07/25/13	GEB 217	Watson C	24
Co-requisite to enroll in CHEM 132 (CRN 60062)								
<u>60222</u>	003 F2F	MTWR---	12:00-01:50 PM	06/03/13	07/25/13	GEB 217	Watson C	24
Co-requisite to enroll in CHEM 132 (CRN 60603)								
<u>60223</u>	004 F2F	M-W----	06:00-08:50 PM	06/03/13	07/24/13	GEB 217	Egan G	24
		-T-R---	06:00-06:50 PM	06/04/13	07/25/13	GEB 217		
Co-requisite to enroll in CHEM 132 (CRN 60063)								
<u>60392</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Franklin P	24
Co-requisite to enroll in CHEM 132 (CRN 60393)								
Note: Students enrolling in Chem 131-350 must enroll in Chem 132-005 lab. Mandatory on-campus labs must be attended.								

## 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./wk.

**Prerequisites:** CHEM 124 and CHEM 125

**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.

**Associated Costs:** \$60

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60061</u>	001 F2F	-T-R---	10:00-12:50 PM	06/04/13	07/25/13	SCI 213	Egan G	24
Co-requisite to enroll in CHEM 131 (CRN 60221)								

<u>60062</u>	002 F2F	-T-R---	07:00-09:50 AM	06/04/13	07/25/13	SCI 213	Watson C	24
Co-requisite to enroll in CHEM 131 (CRN 60602)								
<u>60063</u>	003 F2F	-T-R---	02:00-04:50 PM	06/04/13	07/25/13	SCI 213	Watson C	24
Co-requisite to enroll in CHEM 131 (CRN 60222)								
<u>60063</u>	004 F2F	-T-R---	07:00-09:50 PM	06/04/13	07/25/13	SCI 213	Schuster L	24
Co-requisite to enroll in CHEM 131 (CRN 60223)								
<u>60393</u>	005 F2F	M-----	05:00-07:00 PM	06/03/13	06/03/13	CLB 112A	Franklin P	24
		M-----	05:00-09:50 PM	06/10/13	07/15/13	SCI 213		
Co-requisite to enroll in CHEM 131 (CRN 60392)								
Note: Students enrolling in Chem 132-005 must enroll in Chem 131-350. This section of Chem 132 is reserved for only those students who enroll in the online section of Chem 131. Mandatory on-campus labs must be attended.								

## 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.

**Prerequisites:** CHEM 131 and CHEM 132

**Associated Costs:** \$80

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60818</u>	001 F2F	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	SCI 124	Monzyk M	24
	(Lab)	MTWR---	09:30-12:20 PM	06/03/13	07/25/13	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.

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

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60064</u>	001 F2F	MTWR---	08:00-09:50 AM	06/03/13	07/25/13	CLB 405	Lehman W	24

## Interactive Media (CIM)

### 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.

**Prerequisite or corequisite:** ENGL 121

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60759</u>	001 F2F	-T-R---	02:00-03:50 PM	06/04/13	07/25/13	RC 323	Hall J	15
Kansas State Bill 155								

# Computer Information Systems (CIS)

## 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.

Associated Costs: \$10 to 15

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60424</u> 001 <u>F2F</u> <u>MTWR---</u>		09:30-10:45 AM	06/03/13	07/25/13	<u>RC 344</u>	<u>McElravy M</u>	<u>20</u>
Kansas State Bill 155							
<u>60425</u> 002 <u>F2F</u> <u>M-W----</u>		06:00-08:50 PM	06/03/13	07/24/13	<u>RC 344</u>	<u>McElravy M</u>	<u>20</u>
Kansas State Bill 155							
<u>60426</u> 350 <u>ONLINE</u> <u>-----</u>		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Heckert I</u>	<u>15</u>
Kansas State Bill 155							
<u>60640</u> 351 <u>ONLINE</u> <u>-----</u>		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Heckert I</u>	<u>15</u>
Kansas State Bill 155							

## CIS 134 - Programming Fundamentals

At the completion of this course, the student should be able to use the elementary concepts of computers, including several number systems. In addition, students will design, develop and write modular programs on a microcomputer in a structured programming language using standard structured concepts. 3 hrs. lecture, 2 hrs. lab by arrangement/wk.

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

Credit Hours: 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60421</u> 001 <u>F2F</u> <u>M-W----</u>		02:00-04:50 PM	06/03/13	07/24/13	<u>RC 380</u>	<u>Wallack P</u>	<u>20</u>
Kansas State Bill 155							
<u>60422</u> 002 <u>F2F</u> <u>M-W----</u>		06:00-08:50 PM	06/03/13	07/24/13	<u>RC 380</u>	<u>Keller-Turbeville S</u>	<u>20</u>
Kansas State Bill 155							
<u>60423</u> 003 <u>F2F</u> <u>-T-R---</u>		06:00-08:50 PM	06/04/13	07/25/13	<u>RC 380</u>	<u>Keller-Turbeville S</u>	<u>20</u>
Kansas State Bill 155							
<u>60694</u> 350 <u>ONLINE</u> <u>-----</u>		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hansen S</u>	<u>15</u>
Kansas State Bill 155							
<u>60895</u> 351 <u>ONLINE</u> <u>-----</u>		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Chen I</u>	<u>15</u>
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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Prerequisite: ACCT 121

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

<u>60630</u>	350	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Stites G</u>	<u>15</u>
Kansas State Bill 155									
<u>60641</u>	351	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Stites G</u>	<u>15</u>
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 the student the opportunity to use the skills learned in information systems courses. Fifteen hours on-the-job training per week will be the usual workload for the student.

**Prerequisites:** CS 250 or CS 255 or CIS 235 or CIS 238 or CIS 248 and department approval

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open		
<u>60427</u>	001	<u>INT</u>	-----	-	06/03/13	07/25/13	<u>RC</u>	<u>Van Gorp M</u>	<u>10</u>
Kansas State Bill 155									
<b>Requirement:</b> Department approval									

## Computer Personal Computer App (CPCA)

### 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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open		
<u>60337</u>	001	<u>F2F</u>	M-W----	02:00-04:45 PM	06/05/13	06/19/13	<u>RC 353</u>	<u>Mahring B</u>	<u>17</u>
Kansas State Bill 155									
<u>60970</u>	002	<u>F2F</u>	M-----	11:00-01:45 PM	06/10/13	07/08/13	<u>RC 355</u>	<u>Copeland C</u>	<u>17</u>
Kansas State Bill 155									
<u>61161</u>	003	<u>F2F</u>	M-----	06:00-08:45 PM	06/10/13	07/08/13	<u>RC 353</u>	<u>Copeland C</u>	<u>17</u>
Kansas State Bill 155									
<u>60825</u>	004	<u>F2F</u>	M-W----	06:00-08:45 PM	07/01/13	07/15/13	<u>RC 355</u>	TBA	<u>17</u>
Kansas State Bill 155									
<u>60512</u>	350	<u>ONLINE</u>	-----	-	06/06/13	07/11/13	<u>ONLINE</u>	<u>Mahring B</u>	<u>15</u>
Kansas State Bill 155									
<u>60782</u>	351	<u>ONLINE</u>	-----	-	06/06/13	07/11/13	<u>ONLINE</u>	<u>Mahring B</u>	<u>15</u>
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.

Associated Costs: \$10 to 20  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61162</u>	001 F2F ---R---	11:00-01:45 PM	06/06/13	07/11/13	RC	TBA	<u>15</u>
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.

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

Associated Costs: \$10 to 20  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60971</u>	001 F2F --W----	09:00-11:45 AM	06/05/13	07/03/13	RC 355	<u>Magliano G</u>	<u>17</u>
WP I:Word Office 2010 Kansas State Bill 155							
<u>60326</u>	350 ONLINE -----	-	06/06/13	06/11/13	ONLINE	<u>Mahring B</u>	<u>15</u>
WP I:Word Office 2010 Kansas State Bill 155							

## 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.

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

Associated Costs: \$10 to 20  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60826</u>	001 F2F --W----	06:00-08:45 PM	06/05/13	07/03/13	RC 353	<u>Magliano G</u>	<u>17</u>
Sprdshts I: Excel Office 2010 Kansas State Bill 155							
<u>61163</u>	002 F2F M-W----	02:00-04:45 PM	07/01/13	07/15/13	RC 353	TBA	<u>17</u>
Kansas State Bill 155							
<u>60324</u>	350 ONLINE -----	-	06/06/13	06/20/13	ONLINE	<u>Smith C</u>	<u>15</u>
Sprdshts I:Excel Office 2010 Kansas State Bill 155							

## 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.

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

Associated Costs: \$10 to 20  
Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60973</u>	001 <u>F2F</u> --W----	11:00-01:45 PM	06/05/13	07/03/13	<u>RC 353</u>	TBA	<u>17</u>
Databases I:Access Office 2010 Kansas State Bill 155							
<u>60303</u>	002 <u>F2F</u> -T-----	06:00-08:45 PM	06/11/13	07/09/13	<u>RC 253</u>	TBA	<u>17</u>
Database I:Access Office 2010 Kansas State Bill 155							
<u>60286</u>	350 <u>ONLINE</u> -----	-	06/05/13	07/03/13	<u>ONLINE</u>	TBA	<u>15</u>
Database I:Access Office 2010 Kansas State Bill 155							

## 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.

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

**Associated Costs:** \$10 to 20  
**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60325</u>	001 <u>F2F</u> -T-R---	06:00-08:45 PM	07/02/13	07/18/13	<u>RC 342</u>	TBA	<u>20</u>
Prsgraph:Power Point/Off 2010 Kansas State Bill 155							
<u>61170</u>	350 <u>ONLINE</u> -----	-	06/06/13	06/20/13	<u>ONLINE</u>	<u>Smith C</u>	<u>15</u>
Kansas State Bill 155							

## 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./wk.

**Associated Costs:** \$10 to 20  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60214</u>	001 <u>F2F</u> -T-R---	11:00-01:45 PM	06/04/13	07/25/13	<u>RC 355</u>	TBA	<u>17</u>
PC Applications:MS Office 2010 Kansas State Bill 155							
<u>60544</u>	002 <u>F2F</u> -T-R---	06:00-08:45 PM	06/04/13	07/25/13	<u>RC 355</u>	TBA	<u>17</u>
PC Applications:MS Office 2010 Kansas State Bill 155							
<u>60305</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland C</u> <u>Kosko J</u>	<u>15</u>
PC Applications:MS Office 2010 Kansas State Bill 155							
<u>60638</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland C</u> <u>Kosko J</u>	<u>15</u>
PC Applications:MS Office 2010 Kansas State Bill 155							
<u>60644</u>	352 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland C</u> <u>Kosko J</u>	<u>15</u>
PC Applications:MS Office 2010 Kansas State Bill 155							

## CPCA 139 - UNIX

This course will introduce students to the major commands of the Unix operating system. E-mail, the VI editor and Telnet will be covered. Basic file and disk management projects will be completed in this course. 1 hr. lecture/wk.

**Prerequisite:** CPCA 105 or CPCA 106 or CPCA 128 or CIS 124 or assessment test

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60265</u> 350 ONLINE	-----	-	06/21/13	07/19/13	ONLINE	TBA	<u>15</u>

Kansas State Bill 155

## 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.

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

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60827</u> 351 ONLINE	-----	-	06/21/13	07/19/13	ONLINE	TBA	<u>15</u>

Kansas State Bill 155

<u>60254</u> 750 ONLINE	-----	-	06/03/13	06/17/13	ONLINE	TBA	<u>15</u>
-------------------------	-------	---	----------	----------	--------	-----	-----------

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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60304</u> 350 ONLINE	-----	-	06/19/13	07/03/13	ONLINE	TBA	<u>15</u>

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./wk.

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

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60828</u> 350 ONLINE	-----	-	07/08/13	07/22/13	ONLINE	TBA	<u>15</u>

Kansas State Bill 155

## Computer Science (CS)

### 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. lab by arrangement/wk. Four-credit-hour CS courses have two hours of open lab per week. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

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

**Associated Costs:** \$20 to 50

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60110</u> 001 <u>F2F</u>	M-W----	05:30-08:10 PM	06/03/13	07/24/13	<u>RC 347</u>	<u>Wallack P</u>	<u>15</u>
Kansas State Bill 155							
<u>60697</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Chen I</u>	<u>15</u>
Kansas State Bill 155							

## Computer Web (CWEB)

### 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.

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

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60513</u> 350 <u>ONLINE</u>	-----	-	06/04/13	07/02/13	<u>ONLINE</u>	<u>Mahring B</u>	<u>15</u>
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.

**Prerequisite:** CWEB 101

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61142</u> 001 <u>F2F</u>	M-W----	08:00-10:50 AM	06/03/13	06/17/13	<u>RC 376</u>	<u>Hopper J</u>	<u>15</u>
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.

Associated Costs: \$35

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61145</u> 001 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>RC 323</u>	TBA	<u>15</u>

Kansas State Bill 155

<u>60943</u> 350 <u>ONLINE</u>	-----	-	06/06/13	07/25/13	<u>ONLINE</u>	<u>Hopper J</u>	<u>15</u>
--------------------------------	-------	---	----------	----------	---------------	-----------------	-----------

Kansas State Bill 155

## CWEB 115 - Intermediate Web Pages: Dreamweaver

This course will cover intermediate-level commands and techniques required to create and enhance a Web page using Dreamweaver. Topics to be covered will include tracing images, layers, converting layers to tables, custom tables, cascading style sheets, templates and libraries, and publishing a Web site. 1 hr. lecture/wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

Prerequisite: CWEB 105

Associated Costs: \$10 to 20

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61147</u> 001 <u>F2F</u>	M-W----	08:00-10:45 AM	07/01/13	07/15/13	<u>RC 376</u>	TBA	<u>15</u>

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.

Prerequisite: CWEB 101

Associated Costs: \$35

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61146</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hopper J</u>	<u>15</u>

Kansas State Bill 155

## Drafting/CAD/AutoCAD (DRAF)

### 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./wk.

Associated Costs: \$5 to 10

Credit Hours: 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61168</u>	376 HYB	M-----	06:00-07:25 PM	06/03/13	06/03/13	ITC 181	<u>Feuerborn D</u>	<u>20</u>
		M-----	06:00-07:25 PM	06/17/13	06/17/13	ITC 181		
		M-----	06:00-07:25 PM	07/01/13	07/01/13	ITC 181		
		M-----	06:00-07:25 PM	07/15/13	07/15/13	ITC 181		
		M-----	06:00-07:25 PM	07/22/13	07/22/13	ITC 181		

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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61160</u>	001 F2F	-T-----	06:00-08:50 PM	06/04/13	07/09/13	ITC 126	<u>Cline L</u>	<u>15</u>

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.

Prerequisite: department approval

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60301</u>	500 INT	-----	-	06/03/13	07/25/13	ITC	<u>Hughes T</u>	<u>10</u>

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.

Prerequisites: DRAF 271 and department approval

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60302</u>	501 INT	-----	-	06/03/13	07/25/13	ITC	<u>Hughes T</u>	<u>10</u>

Kansas State Bill 155

Requirement: Department approval

## English for Academic Purposes (EAP)

## 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.

**Prerequisite:** Appropriate ESL assessment test score

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61102</u> 001 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>ATB 133</u>	<u>Paul Newby M</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60486</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>LIB 305</u>	<u>Lychnikova E</u>	<u>15</u>
<u>60487</u> 002 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>LIB 305</u>	<u>Davidson C</u>	<u>15</u>

## 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.

**Prerequisite:** Appropriate ESL assessment test score

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61106</u> 001 <u>F2F</u>	MTWR---	04:00-05:15 PM	06/03/13	07/25/13	<u>LIB 305</u>	<u>Gray A</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60563</u> 001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>LIB 352</u>	<u>Gray A</u>	<u>15</u>
<u>61104</u> 002 <u>F2F</u>	MTWR---	03:30-04:45 PM	06/03/13	07/25/13	<u>LIB 352</u>	<u>Davidson C</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60561</u> 001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>LIB 305</u>	<u>Lychnikova E</u>	<u>15</u>
<u>60737</u> 002 <u>F2F</u>	MTWR---	07:20-08:35 PM	06/03/13	07/25/13	<u>CC 312</u>	<u>Woodward S</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60738</u> 001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 242</u>	<u>Peters S</u>	<u>20</u>
<u>60562</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>LIB 352</u>	<u>Davidson C</u>	<u>20</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60564</u> 001 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>GEB 242</u>	<u>Kastendick R</u>	<u>15</u>
<u>61105</u> 002 <u>F2F</u>	MTWR---	03:30-04:45 PM	06/03/13	07/25/13	<u>GEB 242</u>	<u>Peters S</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60566</u> 001 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>LIB 352</u>	<u>Peters S</u>	<u>17</u>
<u>60567</u> 002 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>LIB 352</u>	<u>Springer V</u>	<u>17</u>

## 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.

**Prerequisite:** Appropriate ESL assessment test score

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61107</u> 001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>ATB 132</u>	<u>Gray A</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60488</u> 001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>LIB 305</u>	<u>Lychnikova E</u>	<u>15</u>
<u>61103</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 124</u>	<u>Nguyen E</u>	<u>15</u>

## 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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60568</u> 001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>ATB 133</u>	<u>Woodward S</u>	<u>15</u>
<u>60739</u> 002 <u>F2F</u>	MTWR---	06:00-07:15 PM	06/03/13	07/25/13	<u>CC 312</u>	<u>Woodward S</u>	<u>15</u>

## Economics (ECON)

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60495</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 256</u>	<u>Clark L</u>	<u>32</u>
<u>60497</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Young B</u>	<u>22</u>

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

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60613</u>	001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>OCB 248</u>	<u>Hadley S</u>	<u>30</u>
<u>60573</u>	002 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>OCB 248</u>	<u>Owens D</u>	<u>30</u>
<u>60187</u>	003 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>OCB 248</u>	<u>Owens D</u>	<u>30</u>
<u>60498</u>	004 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>OCB 246</u>	<u>Postlewait J</u>	<u>32</u>
<u>60188</u>	005 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>ITC 183</u>	<u>Okao A</u>	<u>18</u>
<u>60189</u>	006 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>OCB 248</u>	<u>Clark L</u>	<u>30</u>
<u>60190</u>	007 <u>F2F</u>	MTWR---	08:00-10:30 AM	06/03/13	06/27/13	<u>OCB 246</u>	<u>Syracuse F</u>	<u>32</u>
<u>61112</u>	008 <u>F2F</u>	MTWR---	08:00-10:30 AM	07/01/13	07/25/13	<u>OCB 246</u>	<u>Brogna A</u>	<u>32</u>
<u>60390</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland D</u>	<u>22</u>
<u>60724</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland D</u>	<u>22</u>
<u>60634</u>	352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hadley S</u>	<u>22</u>
<u>60725</u>	353 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Owens D</u>	<u>22</u>

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60192</u>	001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>OCB 246</u>	<u>Brogna A</u>	<u>32</u>
<u>60193</u>	002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 329</u>	<u>Hinds A</u>	<u>24</u>
<u>60499</u>	003 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>CC 324</u>	<u>Rabbitt M</u>	<u>24</u>
<u>61111</u>	004 <u>F2F</u>	MTWR---	06:00-08:30 PM	06/03/13	06/27/13	<u>GEB 258</u>	<u>Syracuse F</u>	<u>32</u>
<u>60195</u>	005 <u>F2F</u>	MTWR---	06:00-08:30 PM	07/01/13	07/25/13	<u>GEB 258</u>	<u>Frederick D</u>	<u>32</u>
<u>60635</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Copeland D</u>	<u>22</u>
<u>60391</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hadley S</u>	<u>22</u>
<u>60726</u>	352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Young B</u>	<u>22</u>

## Education and Early Childhood (EDUC)

### 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**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60341</u>	001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>HCDC 128</u>	<u>Hurst D</u>	<u>30</u>

Kansas State Bill 155

Note: Students must use the west (back) door to enter HCDC 128.

## 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.

**Prerequisites:** EDUC 130 and one of the following: PSYC 215 or PSYC 218 or EDUC 270

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61056</u>	001 <u>F2F</u> -T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>HCDC 128</u>	<u>Springate J</u>	<u>35</u>

Kansas State Bill 155

Note: Students must use the west (back) door to enter HCDC 128.

## 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./wk.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60887</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Salvato M</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## EDUC 235 - Parenting

This course is a study of effective parenting. The course is designed for teachers of young children and parents and guardians who desire to provide an environment that reflects sensitivity to the unique needs of the individual child and family. Topics covered during the course are the history of child-rearing methods, an overview of child development, types of families, parent/guardian fears and concerns, purposes of child behavior, and effective communication techniques. Problem prevention and resolution, nurturing self-esteem in children and building effective, collaborative relationships between teachers and families are also covered. 2 hrs. lecture/wk.

**Prerequisite or corequisite:** PSYC 215 or PSYC 218 or EDUC 270

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61194</u>	001 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hurst D</u>	<u>25</u>

## 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.

**Prerequisite:** EDUC 240

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60478</u> 001 <u>F2F</u>	M-----	05:30-08:50 PM	06/03/13	07/22/13	<u>GP 101</u>	<u>Weerts L</u>	<u>15</u>

## Electronics (ELEC)

### 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.

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

Associated Costs: \$10 to 20

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60747</u> 001 <u>F2F</u>	-T-R---	10:00-11:50 AM	06/04/13	07/25/13	<u>ITC 184</u>	<u>King M</u>	<u>16</u>
	(Lab)-T-R---	12:00-02:50 PM	06/04/13	07/25/13	<u>ITC 184</u>		

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.

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

Associated Costs: \$5 to 10

Credit Hours: 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60748</u> 001 <u>F2F</u>	MTWR---	01:00-02:20 PM	06/03/13	07/25/13	<u>ITC 188</u>	<u>Cody P</u>	<u>17</u>
	(Lab)MTWR---	02:30-03:50 PM	06/03/13	07/25/13	<u>ITC 191A</u>		

Kansas State Bill 155

### ELEC 133 - Programmable Controllers

This is an introductory course in programmable logic controllers. The course is designed for individuals without extensive electrical or controller backgrounds. Hardware aspects and programming aspects of controller operation are covered. The foundational controller logic symbols and controller logic operations necessary to interpret and write ladder logic programs are taught in this class. Students will enter, edit and test controller programs through assigned laboratory projects. 2 hrs. lecture, 3 hrs. lab/wk.

Associated Costs: \$5 to 10

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60944</u> 001 <u>F2F</u>	M-W----	01:00-02:50 PM	06/03/13	07/25/13	<u>ITC 189</u>	<u>King M</u>	<u>12</u>
	(Lab)M-W----	03:00-05:50 PM	06/03/13	07/25/13	<u>ITC 191B</u>		

Kansas State Bill 155

## Electrical Technology (ELTE)



## ELTE 123 - Electromechanical Systems

Upon successful completion of this course, the student should be able to identify electrical components and their relationships to the various repair and troubleshooting techniques. The materials in this course will prove useful to service technicians whose background in electricity is limited. The course includes material from basic electrical theory to troubleshooting complex electrical circuits. This course will provide practice in the application of electrical theory as well as in the interconnection of components of heating 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. This is a beginning course in electrical theory that is required for HVAC, electrical and power plant technology but is appropriate for all interested students. Common components found in the HVAC industry are used to develop these skills. 3 hrs. lecture, 3 hrs. lab/wk.

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

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61140</u> 001 E2F	MTWR---	08:30-09:50 AM	06/03/13	07/25/13	ATB 164A	<u>Randazzo C</u>	<u>18</u>
	(Lab)MTWR---	10:00-11:20 AM	06/03/13	07/25/13	ATB 164A		

Kansas State Bill 155

## 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.

**Prerequisite:** department approval

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60244</u> 500 INT	-----	-	06/03/13	07/25/13	ATB	<u>Randazzo C</u>	<u>10</u>

Kansas State Bill 155

**Requirement:** Department approval

## Emergency Medical Science/MICT (EMS)

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61176</u> 001 E2F	---R---	08:30-04:30 PM	06/06/13	06/13/13	LCS 07	<u>Schmitz J</u>	<u>20</u>
<u>60327</u> 002 E2F	---R---	06:00-10:00 PM	06/06/13	07/11/13	SCI 101L	<u>Allen D</u>	<u>24</u>
	---R---	06:00-10:00 PM	06/06/13	07/11/13	SCI 101M		
	---R---	06:00-10:00 PM	06/06/13	07/11/13	SCI 101N		

Kansas State Bill 155

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60001</u>	001 <u>F2F</u>	-T-R---	01:00-05:30 PM	06/04/13	07/25/13	<u>SCI 112</u>	<u>Parker R</u>	<u>24</u>
		-----	-	06/04/13	07/25/13	<u>ONLINE</u>		

Kansas State Bill 155

Note: EMS 128 001 is a hybrid course with an online and required on-campus component. The class will meet on-campus two days per week in the traditional face-to-face classroom setting. On-campus class meetings are mandatory. You must have access to and be proficient with a computer. The online content will consist of: lecture movies, multiple assessments (homework and quizzes), discussions, mail and gradebook. For more information contact the instructor, Bob Parker, at bparker@jccc.edu.

<u>60681</u>	002 <u>F2F</u>	MTW----	06:00-09:30 PM	06/03/13	07/24/13	<u>SCI 101L</u>	<u>Ratliff W</u>	<u>24</u>
		MTW----	06:00-09:30 PM	06/03/13	07/24/13	<u>SCI 101M</u>	<u>Hasenyager A</u>	
		MTW----	06:00-09:30 PM	06/03/13	07/24/13	<u>SCI 101N</u>		

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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60763</u>	001 <u>F2F</u>	MT-----	09:00-12:00 PM	06/03/13	08/20/13	<u>SCI 101L</u>	<u>Craig S</u>	<u>14</u>

Kansas State Bill 155

Note: EMT Practicum course is selective admission. Contact the EMS program office at 913-469-8500 ext. 3419 for an application. The application deadline is May 3, 2013.

**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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61189</u>	001 <u>F2F</u>	M-W----	02:00-05:00 PM	06/03/13	07/24/13	<u>SCI 120</u>	<u>Craig S</u>	<u>15</u>

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.

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

**Credit Hours:** 12

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60297</u> 001 <u>CLI</u>	MTWRF--	08:00-04:59 PM	05/27/13	08/31/13	<u>SCI 101L</u>	<u>Wnek S</u>	<u>24</u>
	MTWRF--	08:00-04:59 PM	05/27/13	08/31/13	<u>SCI 101M</u>	<u>Grubbs K</u>	
	MTWRF--	08:00-04:59 PM	05/27/13	08/31/13	<u>SCI 101N</u>	<u>Foat C</u>	

Kansas State Bill 155

**Requirement:** selective admission approval

## English (ENGL)

### ENGL 102 - Writing Strategies

English 102 is designed to give students a solid foundation in grammar and punctuation, helping students overcome obstacles in mechanics that have in the past interfered with their ability to communicate clearly. This sentence-level work soon leads to short paragraphs that offer students the opportunity to practice and refine their writing process. Students in English 102 will learn to view their writing within a rhetorical context of author, message, and audience. Clear, well-organized, well-developed, and mechanically sound foundational writing is the ultimate objective of Writing Strategies. This course is a prerequisite in a sequence of courses leading to ENGL 121.

**Prerequisite:** Appropriate placement test score

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61100</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>CC 329</u>	<u>Sharif A</u>	<u>20</u>
<u>60085</u> 002 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>CC 314</u>	<u>Biondo A</u>	<u>20</u>
<u>60794</u> 003 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>CC 314</u>	<u>Biondo A</u>	<u>20</u>
<u>61101</u> 004 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>CC 314</u>	<u>Anderson K</u>	<u>20</u>

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60086</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

## 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./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.

**Prerequisite:** ENGL 102 or appropriate score on assessment test

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60087</u>	001 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>GEB 242</u>	<u>Gulley B</u>	<u>25</u>
<u>60088</u>	002 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 242</u>	<u>Gulley B</u>	<u>25</u>
<u>60089</u>	003 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>CC 217</u>	<u>Devictor C</u>	<u>24</u>
<u>60348</u>	004 <u>F2F</u> M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 314</u>	<u>Anderson K</u>	<u>25</u>
<u>60744</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Davis D</u>	<u>25</u>
<u>60816</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Davis D</u>	<u>25</u>

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60090</u>	001 <u>F2F</u> -----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60091</u>	001 <u>F2F</u> -----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

## 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. This course does not fulfill degree requirements and is

not federal aid eligible.

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60092</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60093</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>25</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60094</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60095</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

## 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. 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60096</u>	001 <u>F2F</u> -----	-	06/03/13	07/25/13		<u>Byrne K</u>	<u>50</u>

Writing Center Course

Note: You must contact the Writing Center at (913) 469-8500, ext. 3439 to enroll. Last day to enroll depends on the number of one hour credit classes taken. It is June 19, if enrolled in more than one Writing Center course and July 3, 2013, if enrolled in only one Writing Center course. Contact the Writing Center for more information. This course does not fulfill degree requirements and is not federal aid eligible.

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60097</u>	001 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 316	<u>Restivo P</u>	<u>25</u>
<u>61087</u>	002 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 329	<u>Dunker G</u>	<u>24</u>
<u>60125</u>	003 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 215	<u>Schmeer M</u>	<u>24</u>
<u>60101</u>	004 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	LIB 352	<u>Alexander D</u>	<u>25</u>
<u>60100</u>	005 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	CC 316	<u>Wandell N</u>	<u>25</u>
<u>60099</u>	006 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	CC 215	<u>Schmeer M</u>	<u>24</u>
<u>61088</u>	007 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	KCO 002	<u>Gildersleeve G</u>	<u>25</u>
<u>60757</u>	008 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 215	<u>Bennett S</u>	<u>24</u>
<u>60102</u>	009 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 316	<u>Dunker G</u>	<u>25</u>
<u>60103</u>	010 <u>F2F</u> MTWR---	12:30-01:45 PM	06/03/13	07/25/13	CC 215	<u>Bennett S</u>	<u>24</u>
<u>60104</u>	011 <u>F2F</u> MTWR---	02:00-03:15 PM	06/03/13	07/25/13	CC 215	<u>Devictor C</u>	<u>24</u>
<u>60106</u>	012 <u>F2F</u> M-W----	06:00-08:30 PM	06/03/13	07/24/13	CC 316	<u>Edie S</u>	<u>25</u>
<u>60274</u>	013 <u>F2F</u> -T-R---	06:00-08:30 PM	06/04/13	07/25/13	ATB 134	<u>Chapman C</u>	<u>25</u>
<u>60415</u>	014 <u>F2F</u> -T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 316	<u>Edie S</u>	<u>25</u>
<u>60105</u>	015 <u>F2F</u> M-W----	06:00-08:30 PM	06/03/13	07/24/13	GEB 242	<u>Newcomer B</u>	<u>25</u>
<u>60123</u>	150 <u>F2F</u> MTWR---	08:00-10:30 AM	06/03/13	06/27/13	CC 217	<u>Pace A</u>	<u>24</u>
<u>60129</u>	151 <u>F2F</u> MTWR---	06:00-08:30 PM	06/03/13	06/27/13	CC 217	<u>Gorrell Frankenfield K</u>	<u>24</u>
<u>60198</u>	250 <u>F2F</u> MTWR---	08:00-10:30 AM	07/01/13	07/25/13	CC 324	<u>Schaff P</u>	<u>24</u>
<u>60199</u>	251 <u>F2F</u> MTWR---	10:45-01:15 PM	07/01/13	07/25/13	CC 324	<u>Schaff P</u>	<u>24</u>
<u>61089</u>	350 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Reynolds T</u>	<u>25</u>
<u>61090</u>	351 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Storkel S</u>	<u>25</u>
<u>61091</u>	352 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Lycan B</u>	<u>25</u>
<u>61092</u>	353 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Lycan B</u>	<u>25</u>
<u>61093</u>	354 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Paldino L</u>	<u>25</u>
<u>61094</u>	355 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Heflin R</u>	<u>25</u>
<u>61095</u>	356 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Heflin R</u>	<u>25</u>
<u>61096</u>	357 <u>ONLNE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Pace A</u>	<u>25</u>

<b>61097</b>	358	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Brunner L</b>	<b>25</b>
<b>61098</b>	359	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Petrillo S</b>	<b>25</b>
<b>61099</b>	360	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Funari A</b>	<b>25</b>
<b>60928</b>	426	F2F	-----	-	06/03/13	07/24/14	SELF PACED	<b>Ganguly Puckett S</b>	<b>25</b>

Note: For more information on this self-paced class, please contact Sayanti Ganguly-Puckett at 913-469-8500, ext. 4576 or sganguly@jccc.edu. Instructor approval is required. Enrollment dates are 4/1-6/28/13 or until enrollment limit met.

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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Prerequisite: ENGL 121

Credit Hours: 3

CRN #		Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60107</b>	001	F2F	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 314	<b>Luthi G</b>	<b>25</b>
<b>60250</b>	002	F2F	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	LIB 352	<b>Jackson M</b>	<b>25</b>
<b>60109</b>	003	F2F	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	CC 314	<b>Luthi G</b>	<b>25</b>
<b>60108</b>	004	F2F	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	LIB 357	<b>Bridson J</b>	<b>24</b>
<b>60111</b>	005	F2F	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	LIB 357	<b>Bridson J</b>	<b>24</b>
<b>61018</b>	006	F2F	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	KCO 002	<b>Gildersleeve G</b>	<b>25</b>
<b>60112</b>	007	F2F	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	CC 316	<b>Carpenter W</b>	<b>25</b>
<b>60925</b>	008	F2F	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	CC 316	<b>Carpenter W</b>	<b>25</b>
<b>60114</b>	009	F2F	M-W----	06:00-08:30 PM	06/03/13	07/24/13	ATB 131	<b>Trouslet P</b>	<b>25</b>
<b>60115</b>	010	F2F	M-W----	06:00-08:30 PM	06/03/13	07/24/13	LIB 357	<b>Skidmore P</b>	<b>24</b>
<b>60113</b>	011	F2F	M-W----	06:00-08:30 PM	06/03/13	07/24/13	CC 215	<b>Stock J</b>	<b>24</b>
<b>60342</b>	012	F2F	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 215	<b>Longfellow B</b>	<b>24</b>
<b>60417</b>	013	F2F	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	LIB 357	<b>Skidmore P</b>	<b>24</b>
<b>60416</b>	014	F2F	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	ATB 131	<b>Trouslet P</b>	<b>25</b>
<b>60733</b>	150	F2F	MTWR---	08:00-10:30 AM	06/03/13	06/27/13	LIB 359	<b>Rollins T</b>	<b>20</b>
<b>60121</b>	151	F2F	MTWR---	10:45-01:15 PM	06/03/13	06/27/13	LIB 359	<b>Rollins T</b>	<b>20</b>
<b>60275</b>	152	F2F	MTWR---	06:00-08:30 PM	06/03/13	06/27/13	LIB 359	<b>Pinker R</b>	<b>20</b>
<b>60200</b>	250	F2F	MTWR---	08:00-10:30 AM	07/01/13	07/25/13	LIB 359	<b>Davis M</b>	<b>20</b>
<b>60201</b>	251	F2F	MTWR---	10:45-01:15 PM	07/01/13	07/25/13	LIB 359	<b>Davis M</b>	<b>20</b>
<b>60483</b>	350	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Lane J</b>	<b>25</b>
<b>60397</b>	351	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Lane J</b>	<b>25</b>
<b>60445</b>	352	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Cooper J</b>	<b>25</b>
<b>60482</b>	353	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Cooper J</b>	<b>25</b>
<b>60466</b>	354	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Knight E</b>	<b>25</b>
<b>60343</b>	355	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Knight E</b>	<b>25</b>
<b>60484</b>	356	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Kern S</b>	<b>25</b>
<b>60642</b>	357	ONLINE	-----	-	06/03/13	07/25/13	ONLINE	<b>Kern S</b>	<b>25</b>
<b>60353</b>	426	F2F	-----	-	06/03/13	07/24/14	SELF PACED	<b>Fitzpatrick M</b>	<b>20</b>

Note: For more information on this self-paced class, please contact Maureen Fitzpatrick at 913-469-8500, ext. 3739 or mfitzpat@jccc.edu. Instructor approval is required. Enrollment dates are 4/1-6/28/13 or until enrollment limit met.

Requirement: Department approval

**61110** 427 F2F ----- - 06/03/13 07/24/14 SELF PACED Fitzpatrick M 20

Note: For more information on this self-paced class, please contact Maureen Fitzpatrick at 913-469-8500, ext. 3739 or mfitzpat@jccc.edu. Instructor approval is required. Enrollment dates are 4/1-6/28/13 or until enrollment limit met.

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./wk.

Prerequisite: ENGL 121

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60447</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gerson S</u>	<u>20</u>
<u>60485</u> 351 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gerson S</u>	<u>20</u>
<u>60541</u> 352 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Gerson S</u>	<u>20</u>

## 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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Prerequisite: ENGL 121

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60298</u> 001 <u>F2F</u> MTWR---		09:30-10:45 AM	06/03/13	07/25/13	<u>ATB 134</u>	<u>Bell S</u>	<u>30</u>
<u>60344</u> 002 <u>F2F</u> MTWR---		11:00-12:15 PM	06/03/13	07/25/13	<u>ATB 134</u>	<u>Bell S</u>	<u>30</u>
<u>60459</u> 003 <u>F2F</u> -T-R---		06:00-08:30 PM	06/04/13	07/25/13	<u>ATB 132</u>	<u>Stock J</u>	<u>30</u>
<u>60446</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Geekie K</u>	<u>25</u>
<u>60465</u> 351 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Geekie K</u>	<u>25</u>
<u>60734</u> 352 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hogan Adams M</u>	<u>25</u>
<u>61109</u> 426 <u>F2F</u> -----		-	06/03/13	07/24/14	<u>SELF PACED</u>	<u>Ganguly Puckett S</u>	<u>15</u>

Note: For more information on this self-paced class, please contact Sayanti Ganguly-Puckett at 913-469-8500, ext. 4576 or sganguly@jccc.edu. Instructor approval is required. Enrollment dates are 4/1-6/28/13 or until enrollment limit met.

Requirement: Department approval

## ENGL 217 - Literature by Women

This survey course introduces students to a representative sample of texts created by women from the mid-seventeenth century to present. Using the lens of gender, students will explore the social, historical, political, and cultural contexts relevant to the literature. Further, students will identify significant literary devices and genres as employed by these authors. The course will emphasize the dynamic relationship between the literature and its contexts. 3 hr. lecture/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Prerequisite or corequisite: ENGL 122

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60926</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hogan Adams M</u>	<u>25</u>



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

**Prerequisite:** ENGL 122

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60735</u>	001 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>ATB 132</u>	<u>Cantwell D</u>	<u>30</u>
<u>60138</u>	002 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>ATB 132</u>	<u>Cantwell D</u>	<u>30</u>
<u>60140</u>	003 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>ATB 132</u>	<u>Jackson M</u>	<u>30</u>
<u>60574</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Davis D</u>	<u>25</u>
<u>60639</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Davis D</u>	<u>25</u>
<u>60817</u>	352 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Werkmeister S</u>	<u>25</u>

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

**Prerequisite:** ENGL 122

**Associated Costs:** \$20 to 50

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60251</u>	001 <u>F2F</u> -T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 242</u>	<u>McLeod D</u>	<u>25</u>

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

**Prerequisite:** ENGL 122

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60922</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Werkmeister S</u>	<u>25</u>

## 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.

**Prerequisite:** ENGL 122

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60992</u> 001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>ATB 133</u>	<u>Alexander D</u>	<u>30</u>

## Engineering (ENGR)

### 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.

**Prerequisite or corequisite:** MATH 131 or MATH 172

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60947</u> 001 <u>F2F</u>	MT-R---	03:00-04:10 PM	06/03/13	07/25/13	<u>ITC 185</u>	<u>Zarrelli C</u>	<u>12</u>
	(Lab)MT-R---	04:15-05:55 PM	06/03/13	07/25/13	<u>ITC 185</u>		

Kansas State Bill 155

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

**Prerequisite:** MATH 242

**Prerequisite or Corequisite:** PHYS 220

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60336</u> 001 <u>F2F</u>	-T-R---	06:00-08:25 PM	06/04/13	07/25/13	<u>ITC 185</u>	<u>Setser D</u>	<u>18</u>

## Entrepreneurship (ENTR)

### ENTR 210 - Entrepreneurship Internship I

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

**Prerequisite:** department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60502</u> 500 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Duffey D</u>	<u>20</u>

**Requirement:** Department approval

### 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.

**Prerequisites:** ENTR 210 and department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60503</u>	500 INT -----	-	06/03/13	07/25/13		<u>Duffey D</u>	<u>20</u>

Requirement: Department approval

## Fashion Merchandising/Design (FASH)

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60730</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	<u>Rhodes J</u>	<u>20</u>

Kansas State Bill 155

### 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. 2 hrs. lecture, 4 hrs. lab/wk.

**Associated Costs:** \$100 to 300

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60418</u>	001 F2F MTWR---	08:00-10:50 AM	06/03/13	07/25/13	OCB 343A	<u>Hillen D</u>	<u>4</u>

Kansas State Bill 155

<u>60538</u>	002 F2F -T-R---	11:00-04:45 PM	06/04/13	07/25/13	OCB 343A	<u>Delaney G</u>	<u>6</u>
--------------	-----------------	----------------	----------	----------	----------	------------------	----------

Kansas State Bill 155

### 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. 2 hrs. lecture, 4 hrs. lab/wk.

**Prerequisite:** FASH 123 or two years of high school apparel construction training or department approval

**Associated Costs:** \$100 to 300

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60539</u>	001 F2F MTWR---	08:00-10:50 AM	06/03/13	07/25/13	OCB 343A	<u>Hillen D</u>	<u>4</u>

Kansas State Bill 155

-T-R---

60728 002 F2F

11:00-04:45 PM

06/04/13

07/25/13

OCB 343ADelaney G6

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. 2 hrs. lecture, 4 hrs. lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** FASH 124

**Associated Costs:** \$100 to 300

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60419</u> 001 <u>F2F</u>	MTWR---	08:00-10:50 AM	06/03/13	07/25/13	<u>OCB 343A</u>	<u>Hillen D</u>	<u>4</u>

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61195</u> 350 <u>ONLNE</u>	-----	-	06/03/13	07/28/13	<u>ONLINE</u>	<u>Hillen D</u>	<u>25</u>

Kansas State Bill 155

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60373</u> 350 <u>ONLNE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Lazorow M</u>	<u>20</u>

Note: For online course FASH 224 350, contact Merlyn Lazorow at: mlazorow@jccc.edu, one week prior to class with your e-mail address. You should receive a packet of information the first week of class detailing your entrance into the course work.

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60205</u> 500 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>McCrillis J</u>	<u>25</u>

Kansas State Bill 155

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60206</u> 501 F2F	-----	-	06/03/13	07/25/13		<u>McCrillis J</u>	<u>20</u>

Kansas State Bill 155

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60207</u> 502 F2F	-----	-	06/03/13	07/25/13		<u>McCrillis J</u>	<u>20</u>

Kansas State Bill 155

## 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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60208</u> 503 F2F	-----	-	06/03/13	07/25/13		<u>McCrillis J</u>	<u>20</u>

Kansas State Bill 155

## Foreign Language (FL)

### 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./wk.

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60245</u> 001 F2F	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>GEB 311</u>	<u>Stock J</u>	<u>24</u>

### FL 121 - Elementary German II

This course will continue the presentation of the vocabulary and basic structural patterns begun in Elementary German I with continued emphasis on the development of listening comprehension, speaking, reading and writing skills. 5 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** FL 120 or one year of high-school German

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61204</u>	001 <u>F2F</u>	MTWR---	10:30-12:45 PM	06/03/13	07/25/13	<u>CLB 405</u>	<u>Stock J</u>	<u>24</u>

## 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./wk.

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60155</u>	001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>GEB 281</u>	<u>Stephenson K</u>	<u>22</u>
<u>60156</u>	002 <u>F2F</u>	MTWR---	10:30-12:45 PM	06/03/13	07/25/13	<u>GEB 281</u>	<u>Stephenson K</u>	<u>22</u>
<u>60270</u>	003 <u>F2F</u>	MTWR---	01:00-03:15 PM	06/03/13	07/25/13	<u>CC 323</u>	<u>Gonzalez E</u>	<u>22</u>
<u>60431</u>	004 <u>F2F</u>	MTWR---	06:00-08:15 PM	06/03/13	07/25/13	<u>GEB 281</u>	<u>Finnie J</u>	<u>22</u>
<u>61152</u>	005 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>OHEC 105</u>	TBA	<u>24</u>
<u>61151</u>	006 <u>F2F</u>	MTWR---	02:00-04:15 PM	06/03/13	07/25/13	<u>KCO 004</u>	<u>Finnie J</u>	<u>24</u>
<u>61153</u>	007 <u>F2F</u>	MTWR---	06:00-08:15 PM	06/03/13	07/25/13	<u>OHEC 143</u>	<u>Tredway S</u>	<u>18</u>
<u>60680</u>	376 <u>HYB</u>	M-W----	08:00-08:50 PM	06/03/13	07/25/13	<u>CC 321</u>	<u>Hillen J</u>	<u>24</u>
		-----	-	06/03/13	07/25/13	<u>ONLINE</u>		

Note: For more information, contact the instructor, Jim Hillen at [jhillen@jccc.edu](mailto:jhillen@jccc.edu).

<u>60837</u>	377 <u>HYB</u>	-T-R---	08:00-08:50 AM	06/04/13	07/25/13	<u>CC 321</u>	<u>Hillen J</u>	<u>24</u>
		-----	-	06/04/13	07/25/13	<u>ONLINE</u>		

Note: For more information, contact the instructor, Jim Hillen at [jhillen@jccc.edu](mailto:jhillen@jccc.edu).

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

**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

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60157</u>	001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>CC 323</u>	<u>Young D</u>	<u>18</u>
<u>60158</u>	002 <u>F2F</u>	MTWR---	10:30-12:45 PM	06/03/13	07/25/13	<u>GEB 311</u>	<u>Tredway S</u>	<u>24</u>
<u>61154</u>	003 <u>F2F</u>	MTWR---	02:00-04:15 PM	06/03/13	07/25/13	<u>KCO 001</u>	<u>Young D</u>	<u>24</u>
<u>60355</u>	004 <u>F2F</u>	MTWR---	06:00-08:15 PM	06/03/13	07/25/13	<u>CC 323</u>	<u>Phillips C</u>	<u>24</u>

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

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60159</u>	001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>GEB 238</u>	<u>Perrigey-Keene H</u>	<u>24</u>

## 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./wk. Note: An honors contract is available. Contact the Honors

Program Office, COM 201, for more information.

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

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60374</u>	001 <u>F2F</u>	MTWR---	10:30-12:45 PM	06/03/13	07/25/13	<u>GEB 238</u>	<u>Perrigney-Keene H</u>	<u>24</u>

## FL 165 - Elementary Chinese I

This course will introduce students to the basic sounds, vocabulary, grammar and usage, characters and reading of the Chinese language. The emphasis will be on developing basic conversational skills. Students will develop an understanding and appreciation of Chinese culture. 5 hrs./wk.

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61172</u>	001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>CC 229</u>	<u>TBA</u>	<u>24</u>

## FL 170 - Elementary Japanese I

This course is an introduction to the sounds, vocabulary, grammar, usage and readings of the Japanese language. The emphasis will be on developing basic conversational skills. Cultural materials will be included. This course is typically taught in the fall semester. 5 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61173</u>	001 <u>F2F</u>	MTWR---	06:00-08:15 PM	06/03/13	07/25/13	<u>CLB 405</u>	<u>TBA</u>	<u>24</u>

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60356</u>	001 <u>F2F</u>	MTW----	08:00-11:05 AM	06/03/13	07/24/13	<u>GEB 215</u>	<u>Kuhns K</u>	<u>15</u>

Kansas State Bill 155

## 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.*

**Prerequisite:** FL 180 or INTR 120 with a grade of "C" or higher

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60452</u>	001 <u>F2F</u>	MTW----	06:00-09:05 PM	06/03/13	07/24/13	<u>GEB 215</u>	<u>Symansky R</u>	<u>15</u>

Kansas State Bill 155

Note: Until May 11, 2013, this section is only available for enrollment to students who have been accepted into the Interpreter Training Program. After May 11, 2013, anyone may enroll if there are seats available.

**Requirement:** Department approval

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

**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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60160</u> 001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 323	<u>Alvarez L</u>	<u>24</u>
<u>60271</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	GEB 311	<u>Gonzalez E</u>	<u>24</u>
<u>61155</u> 003 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	KCO 004	<u>Gonzalez E</u>	<u>24</u>
<u>60295</u> 004 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 332	<u>Stear E</u>	<u>24</u>

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

**Prerequisite:** FL 230 with a grade of "C" or higher or four years of high-school Spanish or the appropriate score on the placement test

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60974</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	GP 101	<u>Kelman S</u>	<u>24</u>
<u>60272</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	CC 318	<u>Kelman S</u>	<u>24</u>
<u>60296</u> 003 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	GEB 311	<u>Sommerville A</u>	<u>24</u>

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60161</u> 001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	KCO 001	<u>Adams M</u>	<u>24</u>

## FL 241 - Intermediate French II

In this class, students continue their in-depth study of French grammar and improvement of vocabulary. All four communication skills (listening, speaking, reading, and writing) continue to be emphasized as reading assignments, compositions, listening comprehension exercises and class discussion become more complex. Placement test recommended. Go to the Testing Center or to the Language Resource Center. 3 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** FL 240 or three years of high-school French

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------



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

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

**Associated Costs:** \$1 to 3  
**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61165</u>	001 <u>F2F</u>	M-W----	02:00-03:50 PM	06/03/13	07/24/13	<u>KCO 002</u>	<u>Adams M</u>	<u>15</u>

## Floriculture (FLR)

### 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.

**Associated Costs:** \$100  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61190</u>	001 <u>F2F</u>	M-----	08:00-01:00 PM	06/03/13	07/22/13	<u>HSC 121</u>	<u>Ryan D</u>	<u>15</u>
		-T-----	08:00-02:30 PM	06/04/13	07/23/13	<u>HSC 124</u>		

Fee: \$100.00

Kansas State Bill 155

## Game Development (GAME)

Missouri residents, see [Reverse Cooperative Information](#)

### GAME 101 - Computer 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. Typical game creation topics to be covered include: learning how to build games with a game development environment, the basic ideas of game design, introduction to building 3D levels, a brief survey of the game business and game careers. Typical tasks will include: building a variety of games, learning how to include sound effects and simple animation effects in games, using simple analysis tools to evaluate games, building a 3D level, creating an original game as a term project. 3 hrs. lecture, 1.5 hrs. lab/wk.

**Associated Costs:** \$20 to 50  
**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60463</u>	001 <u>F2F</u>	-T-R---	01:00-03:50 PM	06/04/13	07/25/13	<u>RC 378</u>	<u>Hanna R</u>	<u>15</u>

Kansas State Bill 155

### GAME 140 - Game Programming I - 2D

This course is designed to present skills and provide hands-on experience required to create two-dimensional games utilizing C++. Typical game topics will

include programming in a GUI (graphical user interface) environment, game libraries, sound, music and working with graphics. Typical tasks will include setting up the environment, creating several games, using music and sound in a game, and exercises that will highlight important game programming concepts. 3 hrs. lecture, 1.5 hrs. lab/wk.

**Prerequisite:** CS 200

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60924</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Fleming R	15

Kansas State Bill 155

## Graphic Design (GDES)

### 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.

**Associated Costs:** \$40 to 50

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60491</u>	001 F2F -T-----	06:00-08:30 PM	06/04/13	07/23/13	GP 101	Lasiter D	22
	---R---	06:00-08:30 PM	06/06/13	07/25/13	SCI 222		

Kansas State Bill 155

<u>60723</u>	002 F2F --W----	06:00-08:30 PM	06/05/13	07/24/13	GP 101	Lasiter D	22
	---R---	06:00-08:30 PM	06/06/13	07/25/13	SCI 222		

Kansas State Bill 155

## Geoscience (GEOS)

### GEOS 130 - General Geology

In this introductory course the students will survey the geologic processes that form and shape the earth over geologic time using the models of the rock cycle, the hydrologic cycle and the tectonic cycle. In the laboratory they will conduct hands-on activities designed to enhance and reinforce the geologic concepts they have studied. 4 hrs. lecture, 3 hrs. lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60253</u>	400 MED -----	-	06/03/13	07/25/13		Pinker R	28

Note: All tests must be taken in the JCCC Testing Center, SC 334. The course syllabus, assignment schedule, part of the assignments, and other course materials will be made available through the Course Homepage on My JCCC or distributed through e-mail. Note that this is not an online course. Instructor will send an introductory e-mail providing additional information about one week before the beginning of classes. Broadcast Schedule: Sunday 6:00 - 7:00p.m. and Monday 6:00 - 7:00p.m. Tuesday 6:00 - 7:00p.m. (repeat) and Wednesday 6:00 - 7:00p.m. (repeat).

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

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60683</u>	001 <u>F2F</u> -T-R---	09:00-11:50 AM	06/04/13	07/25/13	<u>CLB 412</u>	TBA	<u>34</u>
<u>60350</u>	002 <u>F2F</u> -T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>CLB 412</u>	<u>Pinker R</u>	<u>34</u>

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

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60684</u>	001 <u>F2F</u> -T-R---	01:00-03:50 PM	06/04/13	07/25/13	<u>CLB 412</u>	TBA	<u>34</u>
<u>60317</u>	002 <u>F2F</u> M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>CLB 412</u>	<u>Maher J</u>	<u>34</u>
<u>60333</u>	400 <u>MED</u> -----	-	06/03/13	07/25/13		<u>Maher J</u>	<u>28</u>

Note: All tests must be taken in the JCCC Testing Center, SC 334. The course syllabus, assignment schedule, part of the assignments, and other course materials will be made available through the Course Homepage on Angel or distributed through e-mail. Note that this is not an online course. Instructor will send an introductory e-mail providing additional information about one week before the beginning of classes. Broadcast Schedule: Monday 1-2pm, Tuesday 1-2pm, Wednesday 1-2pm (repeat), Thursday 1-2pm (repeat).

## Health Care (HC)

### 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**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61065</u>	376 <u>HYB</u> M-----	06:00-09:00 PM	06/03/13	07/22/13	<u>CC 324</u>	<u>Merchant A</u>	<u>24</u>
	-----	-	06/03/13	07/22/13	<u>ONLINE</u>		
Kansas State Bill 155							
<u>61066</u>	377 <u>HYB</u> --W----	06:00-09:00 PM	06/05/13	07/24/13	<u>CC 324</u>	<u>Merchant A</u>	<u>24</u>
	-----	-	06/05/13	07/24/13	<u>ONLINE</u>		
Kansas State Bill 155							
<u>61166</u>	378 <u>HYB</u> M-----	06:00-09:00 PM	06/03/13	07/22/13	<u>OHEC 119</u>	<u>Crowder T</u>	<u>24</u>
	-----	-	06/03/13	07/22/13	<u>ONLINE</u>		
Kansas State Bill 155							
<u>61167</u>	379 <u>HYB</u> -----	-	06/03/13	07/23/13	<u>ONLINE</u>	<u>Crowder T</u>	<u>24</u>
	-T-----	06:00-09:00 PM	06/04/13	07/23/13	<u>OHEC 119</u>		
Kansas State Bill 155							
<u>61196</u>	380 <u>HYB</u> M-----	09:00-12:00 PM	06/03/13	07/22/13	<u>OHEC 119</u>	<u>Laughlin M</u>	<u>24</u>



Credit Hours: 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61178</u>	350 ONLINE -----	-	06/03/13	07/07/13	ONLINE	Tilton D	8

Kansas State Bill 155

HCIS Grant program classes are not eligible for Brown &amp; Gold Club tuition benefits.

## HCIS 277 - Training and Instructional Design

This course provides participants with essential knowledge and skills to deliver training to adult learners implementing electronic health records (EHRs) in a variety of healthcare settings. The Instructional Systems Design (ISD) model which includes analysis of the learner and learning environment, design and development of customized education, implementation of the training plan, and evaluation of the training program effectiveness will be used. 2 hrs lecture/wk.

Prerequisite: Department approval

Credit Hours: 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61182</u>	350 ONLINE -----	-	06/05/13	07/09/13	ONLINE	Tilton D	8

Kansas State Bill 155

HCIS Grant program classes are not eligible for Brown &amp; Gold Club tuition benefits.

## History (HIST)

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

Note: It is not necessary to take HIST 125 before HIST 126.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60116</u>	001 F2F MTWR---	09:30-10:45 AM	06/03/13	07/25/13	GEB 213	Wehrman M	25
<u>60294</u>	002 F2F MTWR---	11:00-12:15 PM	06/03/13	07/25/13	GEB 279	Murtaugh D	25
<u>60117</u>	003 F2F MTWR---	12:30-01:45 PM	06/03/13	07/25/13	GEB 213	Wehrman M	25
<u>61208</u>	004 F2F M-W----	06:00-08:30 PM	06/03/13	07/24/13	CC 338	Roberts M	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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Note: It is not necessary to take HIST 125 before HIST 126.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60120</u>	001 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>GEB 279</u>	<u>Murtaugh D</u>	<u>25</u>

## HIST 128 - Medieval History

Medieval History is a detailed survey of the period from late Roman Antiquity to the early Renaissance. Primary and secondary texts and visual resources will be used to illuminate the period that saw first the decline into relative stagnation caused by barbarian onslaughts and then gradual reemergence of a powerful civilization that revitalized itself by renewing the insights of ancient times. 3 hrs. lecture/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61130</u>	001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 279</u>	<u>Stockton W</u>	<u>32</u>

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61126</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Bushey D</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.

## 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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60126</u>	001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>CC 126B</u>	<u>Harvey D</u>	<u>35</u>
<u>60556</u>	002 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>CC 126B</u>	<u>Harvey D</u>	<u>35</u>
<u>60128</u>	003 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>CC 126B</u>	<u>Anthony K</u>	<u>35</u>
<u>61127</u>	004 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 126B</u>	<u>Niermann T</u>	<u>35</u>
<u>61128</u>	005 <u>F2F</u>	MTWR---	09:30-11:55 AM	06/03/13	06/27/13	<u>GEB 342</u>	<u>Helgesen V</u>	<u>35</u>
<u>60509</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Boyle S</u>	<u>25</u>
<u>60819</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Boyle S</u>	<u>25</u>
<u>60888</u>	352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mischka S</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.

Note: This course has all or a substantial portion of the content provided online.

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## 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./wk. This course may be offered as a Learning Communities (LCOM) section; see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60130</u>	001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 126A	<u>Niermann T</u>	<u>35</u>
<u>60131</u>	002 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	CC 126A	<u>Mack J</u>	<u>35</u>
<u>60132</u>	003 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 126A	<u>Schloss R</u>	<u>35</u>
<u>60196</u>	004 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	CC 126A	<u>Schloss R</u>	<u>35</u>
<u>61169</u>	005 <u>F2F</u>	MTWR---	09:30-12:00 PM	07/01/13	07/25/13	GEB 342	<u>Rider J</u>	<u>35</u>
<u>60420</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Clark V</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

<u>60618</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mischka S</u>	<u>25</u>
<u>60617</u>	352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mack J</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

Note: This course has all or a substantial portion of the content provided online.

## Hospitality Management (HMGT)

Missouri residents, see [Reverse Cooperative Information](#)

### HMGT 281 - Culinary Arts Practicum I

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

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

**Associated Costs:** \$100 to 300

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60797</u>	500 <u>CLI</u>	-----	-	06/03/13	07/25/13	<u>Sturmer F</u>	<u>5</u>

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.

**Prerequisite:** HMGT 281

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60809</u>	501 <u>CLI</u>	-----	-	06/03/13	07/25/13	<u>Sturmer F</u>	<u>10</u>

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.

**Prerequisite:** HMGT 282

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60790</u>	502 <u>CLI</u> -----	-	06/03/13	07/25/13		<u>Sturmer F</u>	<u>4</u>

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.

**Prerequisite:** HMGT 285

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60791</u>	503 <u>CLI</u> -----	-	06/03/13	07/25/13		<u>Sturmer F</u>	<u>5</u>

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.

**Prerequisite:** HMGT 286

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60792</u>	504 <u>CLI</u> -----	-	06/03/13	07/25/13		<u>Sturmer F</u>	<u>3</u>

Kansas State Bill 155

**Requirement:** Department approval

## Horticulture (HORT)

Missouri residents, see [Reverse Cooperative Information](#)

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60401</u>	001 <u>F2F</u> M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>HSC 121</u>	<u>Boyce B</u>	<u>24</u>

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.

Associated Costs: \$10

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60954</u>	380 <u>HYB</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Sreedhar L</u>	<u>24</u>
	(Lab) ---R---	09:00-12:00 PM	06/06/13	07/25/13	<u>HSC 121</u>		

Kansas State Bill 155

Note: For Hybrid Courses lecture notes posted on-line prior to each class-time 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 (where required) 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.

Associated Costs: \$10

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60968</u>	380 <u>HYB</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Sreedhar L</u>	<u>24</u>
	(Lab) --W----	09:00-12:00 PM	06/05/13	07/24/13	<u>HSC 121</u>		

Fee: \$50.00

Mandatory Classroom Meetings

Kansas State Bill 155

Note: For Hybrid Courses lecture notes posted on-line prior to each class-time 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 (where required) and the lecture notes before coming to class.

## HORT 270 - Horticulture Internship

Student should be able to apply classroom knowledge to an actual work situation. The internship will provide students on-the-job experience under the supervision of professionals in the Horticultural industry. The work will be developed cooperatively with area employers, college staff and each student to provide a job experience in the area of their horticultural focus and career goals. 20 hrs field study

**Prerequisite:** Department approval

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60633</u>	500 <u>INT</u> -----	-	06/03/13	07/25/13		<u>Sreedhar L</u>	<u>6</u>

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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60685</u> 500 INT	-T-----	11:00-11:50 AM	06/04/13	07/23/13	HSC 121	Shafer S	12
Fee: \$50.00							
Kansas State Bill 155							

## Physical Ed, Health & Rec (HPER)

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60810</u> 001 F2F	M-W----	06:00-07:50 PM	06/03/13	07/24/13	GYM 003B	Morley R	25

### 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.

Prerequisite: HPER 100

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60811</u> 001 F2F	M-W----	06:00-07:50 PM	06/03/13	07/24/13	GYM 003B	Morley R	25

### 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.

Associated Costs: \$12 to 15

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60510</u> 001 F2F	-T-R---	08:00-09:50 PM	06/04/13	07/25/13	GYM 007	Zickefoose W	20
<u>60993</u> 002 F2F	MTW----	10:00-11:05 AM	06/03/13	07/24/13	GYM 007	Beattie-Nelson A	20
<u>60542</u> 003 F2F	MTWR---	08:00-08:50 AM	06/03/13	07/25/13	GYM 007	Triplett P	20
<u>61039</u> 004 F2F	MTWR---	09:00-09:50 AM	06/03/13	07/25/13	GYM 007	Triplett P	20

### HPER 117 - Power Volleyball (Beginning)

The basic skills of volleyball taught in this class include the forearm pass, overhead set, serve, block and spike (attacking). Elementary offense and defense along with volleyball rules, scoring and officiating will be covered. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60812</u> 001 F2F	-T-R---	03:30-05:20 PM	06/04/13	07/25/13	GYM 125	TBA	20

## HPER 118 - Power Volleyball (Intermediate)

Students will have the opportunity to build upon the basic fundamentals of the Power Volleyball (Beginning) class. Intermediate skills, strategies, offensive and defensive systems and rules will be covered for six-player, four-player, three-player, and two-player volleyball. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Prerequisite:** HPER 117

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61075</u>	001 <u>F2F</u>	-T-R---	03:30-05:20 PM	06/04/13	07/25/13	<u>GYM 125</u>	<u>TBA</u>	<u>20</u>

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60367</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Bloemker M</u>	<u>25</u>

Note: HPER 130 350 Students will communicate with the instructor and classmates via ANGEL in regard to their Running Awareness class and complete written assignments. All tests will be taken via the Internet. You will need access to a PC for this course. Any other questions, please e-mail Mike Bloemker at mbloemke@jccc.edu or call 913-469-8500, ext. 4630.

<u>61048</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Bloemker M</u>	<u>25</u>
--------------	-------------------	-------	---	----------	----------	---------------	-------------------	-----------

Note: HPER 130 351 Students will communicate with the instructor and classmates via ANGEL in regard to their Running Awareness class and complete written assignments. All tests will be taken via the Internet. You will need access to a PC for this course. Any other questions, please e-mail Mike Bloemker at mbloemke@jccc.edu or call 913-469-8500, ext. 4630.

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60368</u>	001 <u>F2F</u>	M-W----	06:00-07:50 PM	06/03/13	07/24/13	<u>GYM 022</u>	<u>Ayoade F</u>	<u>30</u>
<u>60369</u>	002 <u>F2F</u>	-T-R---	10:00-11:50 AM	06/04/13	07/25/13	<u>GYM 022</u>	<u>Taylor S</u>	<u>30</u>
<u>61157</u>	003 <u>F2F</u>	M-W----	10:00-11:50 AM	06/03/13	07/24/13	<u>GYM 022</u>	<u>Taylor S</u>	<u>30</u>

## 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.

**Prerequisite:** HPER 134

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60545</u>	001 <u>F2F</u>	M-W----	06:00-07:50 PM	06/03/13	07/24/13	<u>GYM 022</u>	<u>Ayoade F</u>	<u>30</u>
<u>60547</u>	002 <u>F2F</u>	-T-R---	10:00-11:50 AM	06/04/13	07/25/13	<u>GYM 022</u>	<u>Taylor S</u>	<u>30</u>
<u>61158</u>	003 <u>F2F</u>	M-W----	10:00-10:50 AM	06/03/13	07/24/13	<u>GYM 022</u>	<u>Taylor S</u>	<u>30</u>

## 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.

Associated Costs: \$30 to 40

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60071	001 F2F -T-R---	06:00-07:50 PM	06/04/13	07/25/13	GYM 537	Alarico A	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.

Prerequisite: HPER 137

Associated Costs: \$30 to 40

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60072	001 F2F -T-R---	06:00-07:50 PM	06/04/13	07/25/13	GYM 537	Alarico A	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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60727	003 F2F -T-R---	06:00-07:50 PM	06/04/13	07/25/13	GYM 007	Zickefoose W	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.

Associated Costs: \$17 to 30

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60366	001 F2F M-W----	01:00-02:50 PM	06/03/13	07/24/13	GYM 007	Phillips D	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.

Associated Costs: \$7 to 30

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
61177	001 F2F M-W----	03:00-04:50 PM	06/03/13	07/24/13	GYM 007	Phillips D	20

## HPER 165 - Karate I

The student will receive instruction in the basic fundamentals of karate, including stances, blocks, kicks, strikes and self-defense techniques. 2 hrs./wk. This

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

**Associated Costs: \$20 to 30**

**Credit Hours: 1**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60362</u>	002 <u>F2F</u>	-T-R---	01:00-02:50 PM	06/04/13	07/25/13	<u>GYM 007</u>	<u>Porter R</u>	<u>20</u>

## HPER 166 - Karate II

The student will review the skills from the prerequisite course of Karate I. Students will demonstrate techniques that include the moving block, kicks and positions for karate. The course will also cover combination moves as well as the defensive technique. 2 hrs./wk. This course will meet the general education requirement for Health and/or Physical Education.

**Prerequisite:** HPER 165

**Associated Costs: \$20 to 30**

**Credit Hours: 1**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60363</u>	002 <u>F2F</u>	-T-R---	03:00-04:50 PM	06/04/13	07/25/13	<u>GYM 007</u>	<u>Porter R</u>	<u>20</u>

## 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.

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

**Credit Hours: 1**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61076</u>	001 <u>F2F</u>	-T-----	08:10-11:20 AM	06/04/13	07/23/13	<u>GYM 125</u>	<u>Carter C</u>	<u>25</u>

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

**Credit Hours: 1**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60439</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Carrier D</u>	<u>25</u>

Note: HPER 192 350 Students will communicate with the instructor and classmates via ANGEL. Assignments will be done through ANGEL. Instructor presentations will be online with the use of PowerPoint and Word. All tests will be taken via the Internet. Any other questions, please e-mail Deb Carrier at ddcarr@jccc.edu or call 913/469-8500, ext. 3661.

<u>60864</u>	351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Carrier D</u>	<u>25</u>
--------------	-------------------	-------	---	----------	----------	---------------	------------------	-----------

Note: HPER 192 351 Students will communicate with the instructor and classmates via ANGEL. Assignments will be done through ANGEL. Instructor presentations will be online with the use of PowerPoint and Word. All tests will be taken via the Internet. Any other questions, please e-mail Deb Carrier at ddcarr@jccc.edu or call 913/469-8500, ext. 3661.

<u>60988</u>	352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Brown S</u>	<u>25</u>
--------------	-------------------	-------	---	----------	----------	---------------	----------------	-----------

Note: HPER 192 352 Students will communicate with the instructor and classmates via ANGEL. Assignments will be done through ANGEL. Instructor presentations will be online with the use of PowerPoint and Word. All tests will be taken via the Internet. Any other questions, please e-mail Susan Brown at sbrown@jccc.edu or call 913/469-8500, ext. 3116.

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61191</u>	001 <u>F2F</u> MTWR---	01:30-02:50 PM	06/03/13	07/25/13	<u>GYM 013</u>	<u>Edwinson B</u>	<u>20</u>

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

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

Credit Hours: 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60074</u>	001 <u>F2F</u> M-W----	06:00-07:50 PM	06/03/13	07/24/13	<u>GYM 021</u>	<u>Hootman T</u>	<u>18</u>

Kansas State Bill 155

<u>60075</u>	002 <u>F2F</u> M-W----	08:00-09:50 PM	06/03/13	07/24/13	<u>GYM 021</u>	<u>Hootman T</u>	<u>18</u>
--------------	------------------------	----------------	----------	----------	----------------	------------------	-----------

Kansas State Bill 155

<u>60511</u>	600 <u>F2F</u> MTWR---	09:00-10:50 AM	06/03/13	06/27/13	<u>GYM 021</u>	<u>Hootman T</u>	<u>18</u>
--------------	------------------------	----------------	----------	----------	----------------	------------------	-----------

Kansas State Bill 155

<u>60749</u>	625 <u>F2F</u> MTWR---	10:00-11:50 AM	07/01/13	07/25/13	<u>GYM 021</u>	<u>Hootman T</u>	<u>18</u>
--------------	------------------------	----------------	----------	----------	----------------	------------------	-----------

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60383</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mallory L</u>	<u>25</u>

Note: HPER 202 350 Students will communicate with the instructor and classmates via ANGEL and the class is designed to provide knowledge to make positive, healthy lifestyle choices. Using a PC all assignments will be done through ANGEL, including tests. Since this is an online only class, please contact Lori Mallory by email with any additional questions at [lmallory@jccc.edu](mailto:lmallory@jccc.edu).

<u>60584</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Stinson J</u>	<u>25</u>
--------------	-------------------------	---	----------	----------	---------------	------------------	-----------

Note: HPER 202 351 Students will communicate with the instructor and classmates via ANGEL and the class is designed to provide knowledge to make positive, healthy lifestyle choices. Using a PC all assignments will be done through ANGEL, including tests. Any other questions please e-mail Jill Stinson at [jstinson@jccc.edu](mailto:jstinson@jccc.edu) or call 913-469-8500, ext. 3192.

<u>60862</u>	352 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mallory L</u>	<u>25</u>
--------------	-------------------------	---	----------	----------	---------------	------------------	-----------

Note: HPER 202 352 Students will communicate with the instructor and classmates via ANGEL and the class is designed to provide knowledge to make positive, healthy lifestyle choices. Using a PC all assignments will be done through ANGEL, including tests. Since this is an online only class, please contact Lori Mallory by email with any additional questions at [lmallory@jccc.edu](mailto:lmallory@jccc.edu).

<u>60863</u>	353 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Mallory L</u>	<u>25</u>
--------------	-------------------------	---	----------	----------	---------------	------------------	-----------

Note: HPER 202 353 Students will communicate with the instructor and classmates via ANGEL and the class is designed to provide knowledge to make positive, healthy lifestyle choices. Using a PC all assignments will be done through ANGEL, including tests. Since this is an online only class, please contact Lori Mallory by email with any additional questions at [lmallory@jccc.edu](mailto:lmallory@jccc.edu).

## 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./wk. This course will not meet the general education requirement for Health and/or Physical Education.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60395</u>	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Burgess C	<u>25</u>

Note: HPER 224 350, Students will communicate with the instructor and classmates regarding their Outdoor Recreational experiences and complete written assignments via ANGEL. All tests will be taken via the Internet. You will need access to a PC for this course. Any other questions please e-mail Dave Burgess at [dburgess@jccc.edu](mailto:dburgess@jccc.edu).

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60076</u>	001 E2F	-----	-	06/03/13	07/25/13	GYM 103	Hall T	<u>300</u>

Lifetime Fitness

Note: Lifetime Fitness I requires an initial orientation. After the orientation, the class becomes an open lab format. To schedule your assessment or for more information, call 913-469-4432. Please bring your Lifetime Fitness Manual, JCCC ID, a pencil and wear comfortable clothes. No Lifetime Fitness Manual, no admittance to orientation, you will need to reschedule. Orientations will begin on May 28th, 2013 and end on June 9, 2013 or you will be dropped for non attend.

## HPER 241 - Lifetime Fitness II

This course is a continuation and expansion of Lifetime Fitness I. Three 40 minute visits/wk., open-lab format by arrangement. This course will meet the general education requirement for Health and/or Physical Education.

**Prerequisite:** HPER 240

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60077</u>	001 E2F	-----	-	06/03/13	07/25/13	GYM 103	Triplett P	<u>125</u>

Lifetime Fitness

## HPER 242 - Lifetime Fitness III

This course is a continuation and expansion of Lifetime Fitness II. Three 40 minute visits/wk., open-lab format by arrangement. This course will meet the general education requirement for Health and/or Physical Education.

**Prerequisite:** HPER 241

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60078</u>	001 E2F	-----	-	06/03/13	07/25/13	GYM 103	Hall T	<u>100</u>

Lifetime Fitness

## HPER 243 - Lifetime Fitness IV

This course is a continuation and expansion of Lifetime Fitness III. Three 40 minute visits/wk., open-lab format by arrangement. This course will meet the general education requirement for Health and/or Physical Education. This course may be repeated for credit towards graduation.

**Prerequisite:** HPER 242

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60079</u> 001 <u>E2F</u>	-----	-	06/03/13	07/25/13	<u>GYM 103</u>	<u>Hall T</u>	<u>125</u>

Lifetime Fitness

## Humanities (HUM)

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60134</u> 001 <u>E2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>CC 344</u>	<u>Murphy J</u>	<u>35</u>
<u>60135</u> 002 <u>E2F</u>	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	<u>CC 344</u>	<u>Noble T</u>	<u>35</u>
<u>60136</u> 003 <u>E2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CC 344</u>	<u>Carpenter W</u>	<u>35</u>
<u>60946</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Domoney J</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

<u>61117</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Garrett M</u>	<u>25</u>
--------------------------------	-------	---	----------	----------	---------------	------------------	-----------

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61118</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Murphy J</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60460</u> 001 <u>E2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>CC 338</u>	<u>Norcott-Mahany B</u>	<u>35</u>
<u>60764</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Norcott-Mahany B</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.



# Heating, Vent., Air Conditioning (HVAC)

## 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.

**Prerequisite or corequisite:** HVAC 123 or ELTE 123

**Associated Costs:** \$30 to 150

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60859</u>	001 F2F	M-WR---	06:00-07:50 PM	06/03/13	07/25/13	ATB 129	Reno G	18
	(Lab) M-WR---	08:00-09:50 PM	06/03/13	07/25/13	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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60750</u>	001 F2F	---R---	08:00-05:00 PM	06/06/13	06/13/13	ATB 131	Lamping J	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.

**Prerequisite:** Department approval required

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60212</u>	500 INT	-----	-	06/03/13	07/25/13	ATB	Randazzo C	5

Kansas State Bill 155

**Requirement:** Department approval

# Industrial Technology (INDT)

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

60838 001 F2F -----S- 08:00-05:00 PM 06/15/13 07/20/13 ATB 127 Burks D 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60787</u> 001 <u>F2F</u>	----F--	08:00-09:50 AM	06/07/13	07/19/13	<u>ATB 127</u>	<u>Bedell T</u>	<u>25</u>

Kansas State Bill 155

<u>60998</u> 002 <u>F2F</u>	-----SU	08:00-05:00 PM	07/13/13	07/14/13	<u>LCS 08</u>	<u>Bedell T</u>	<u>20</u>
-----------------------------	---------	----------------	----------	----------	---------------	-----------------	-----------

Kansas State Bill 155

Note: This class meeting on Saturday and Sunday for 2 days only.

## Information Technology (IT)

### IT 140 - Networking Fundamentals

This course is a replacement for the IT 200 Networking Technologies course. It serves as the first module of four that are designed to prepare students to complete the Cisco Certified Network Associate (CCNA) Certification. Cisco updated its curriculum for the first course and included VLSM and basic router configuration from the second course. This necessitated the need to expand this course. The basis for this course is still IT 200, Networking Technologies, with the addition of this new material. In that router configuration is a skill that is required in all of the other Cisco CCNA classes, it is imperative that the students learn the skill in this course. Therefore the increase in credit hours is associated with the need to learn this skill. 3 hrs. lecture 2 hrs. open lab/wk.

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60788</u> 376 <u>HYB</u>	M-W----	10:00-11:50 AM	06/03/13	07/24/13	<u>RC 350</u>	<u>Al-Rawi A</u>	<u>15</u>
	-----	-	06/03/13	07/24/13	<u>ONLINE</u>		

Mandatory Classroom Meetings

Kansas State Bill 155

<u>60753</u> 377 <u>HYB</u>	-T-R----	06:00-07:50 PM	06/04/13	07/25/13	<u>RC 350</u>	<u>Renfro T</u>	<u>15</u>
	-----	-	06/04/13	07/25/13	<u>ONLINE</u>		

Mandatory Classroom Meetings

Kansas State Bill 155

<u>61203</u> 378 <u>HYB</u>	-T-R----	01:00-02:50 PM	06/03/13	07/25/13	<u>RC 350</u>	<u>Renfro T</u>	<u>15</u>
	-----	-	06/03/13	07/25/13	<u>ONLINE</u>		

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. It maps to the Cisco Academy Routing Protocols and Concepts course of the Cisco Certified Network Associate Exploration curriculum. Topics covered include router components, accessing routers, working with Cisco Internetworking Operating System (IOS), configuring static and dynamic routing. Students will configure common routing protocols such as Routing Information Protocol versions 1 and 2, Enhanced Interior Gateway Routing Protocol, and Open Shortest Path First. Students will design and implement IP addressing schemes using subnetting, Variable Length Subnet Mask, and Classless Inter Domain Routing. Laboratory exercises will accompany lectures. 3 hrs. lecture, 2 hrs. open lab/wk.

**Prerequisites:** IT 200 or IT 140

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60754</u>	376 <u>HYB</u> -T-R----	10:00-11:50 AM	06/04/13	07/25/13	<u>RC 352</u>	<u>Akkam M</u>	<u>15</u>
	-----	-	06/04/13	07/25/13	<u>ONLINE</u>		

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, 3 hrs. lab/wk.

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60576</u>	001 <u>F2F</u> M-W----	06:00-09:50 PM	06/03/13	07/24/13	<u>RC 340</u>	<u>Gordon J</u>	<u>15</u>

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). This course maps to one of four modules designed to prepare students to complete the Cisco Certified Network Associate (CCNA) Certification.

Prerequisite: IT 140 or IT 200

Credit Hours: 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60756</u>	376 <u>HYB</u> -T-R----	01:00-02:50 PM	06/04/13	07/25/13	<u>RC 352</u>	<u>Akkam M</u>	<u>15</u>
	-----	-	06/04/13	07/25/13	<u>ONLINE</u>		

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, 3 hrs. lab/wk.

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60847</u>	376 <u>HYB</u> M-W----	06:00-07:50 PM	06/03/13	07/25/13	<u>RC 346</u>	<u>Golden T</u>	<u>15</u>
	-----	-	06/03/13	07/25/13	<u>ONLINE</u>		

Mandatory Classroom Meetings  
Kansas State Bill 155

## IT 247 - Accessing Wide Area Networks

This course is designed to provide students a fundamental understanding of internetworking. Topics include Local Area Network (LAN) segmentation using routers. Wide Area Network (WAN) physical technologies will be studied. Configuring WAN protocols using Point-to-Point Protocol (PPP), Integrated Services Digital Network (ISDN) and Frame Relay will be presented. Securing the network with standard and extended access lists will be performed.

Programming and configuration will be conducted using Cisco routers and switches. Laboratory exercises will accompany lectures. 2 hrs. lecture, 3 hrs. lab/wk.

**Prerequisites:** IT 209 and (IT 145 or IT 246)

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60793</u>	376 <u>HYB</u>	M-W----	06:00-07:50 PM	06/03/13	07/24/13	<u>RC 350</u>	<u>Al-Rawi A</u>	<u>15</u>
		-----	-	06/03/13	07/24/13	<u>ONLINE</u>		

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.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60585</u>	001 <u>INT</u>	-----	-	06/03/13	07/25/13	<u>RC</u>	<u>Akkam M</u>	<u>5</u>

Kansas State Bill 155

**Requirement:** Department approval

## IT 272 - Information Technology Internship II

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

**Prerequisites:** IT 271 and department approval

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60643</u>	001 <u>INT</u>	-----	-	06/03/13	07/25/13	<u>RC</u>	<u>Akkam M</u>	<u>5</u>

Kansas State Bill 155

**Requirement:** Department approval

## Interior Design (ITMD)

Missouri residents, see [Reverse Cooperative Information](#)

### 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./wk.

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

**Associated Costs:** \$75 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60732</u>	001 <u>F2F</u>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>GEB 356</u>	<u>Cassity A</u>	<u>20</u>

## 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.

**Associated Costs:** \$100 to 150

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60461</u> 001 <u>F2F</u>	--W----	06:00-09:00 PM	06/05/13	07/24/13	<u>GEB 356</u>	<u>Ryan D</u>	<u>15</u>

Kansas State Bill 155

## ITMD 231 - Furniture & Ornamentation Renaissance to 20th Century

This course provides in-depth knowledge in the study of Western furniture and ornament. Upon successful completion of this course, the student should be able to analyze and compare furniture, ornamentation, design motifs and textiles of historical periods from the Renaissance to the 20th century. Additionally, the student should discover the social, religious and political influences on the ornamentation and furnishings of each period. The student should also be able to identify the craftsmanship and materials used in the furniture of each historical period and correctly use vocabulary related to each era. 3 hrs./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60949</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Green D</u>	<u>24</u>

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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60209</u> 500 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Kalkofen B</u>	<u>20</u>

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.

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60210</u> 501 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Kalkofen B</u>	<u>20</u>

Kansas State Bill 155

# Journalism/Media Communication (JOUR)

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60861</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	<u>Baumgardner M</u>	<u>25</u>
<u>61086</u>	351 ONLINE -----	-	06/03/13	07/25/13	ONLINE	<u>Thum G</u>	<u>25</u>

## JOUR 269 - Journalism Internship

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

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

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61113</u>	500 F2F -----	-	06/03/13	07/25/13		<u>Raduziner M</u>	<u>14</u>

Note: Students meet in Professor Raduziner's office in LIB 301A.

**Requirement:** Department approval

## JOUR 270 - Journalism Internship

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

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

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61114</u>	500 F2F -----	-	06/03/13	07/25/13		<u>Raduziner M</u>	<u>14</u>

Note: Students meet in Professor Raduziner's office in LIB 301A.

**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.

**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.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60144</u>	500 F2F -----	-	06/03/13	07/25/13		<u>Raduziner M</u>	<u>14</u>

Note: Students meet in Professor Raduziner's office in LIB 301A.

**Requirement:** Department approval

## Legal Studies (LAW)

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60433</u> 001 <u>F2F</u> MTWR---		06:00-08:30 PM	06/03/13	06/27/13	<u>GEB 279</u>	<u>Tebbe A</u>	<u>32</u>
Kansas State Bill 155							
<u>60458</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Fordham N</u>	<u>22</u>
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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60434</u> 001 <u>F2F</u> MTWR---		05:00-05:50 PM	06/03/13	06/27/13	<u>GEB 279</u>	<u>Tebbe A</u>	<u>32</u>
Kansas State Bill 155							
<u>60480</u> 350 <u>ONLINE</u> -----		-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Tebbe A</u>	<u>22</u>
Kansas State Bill 155							

### LAW 225 - Legal Nurse Consultant Profession

In this course, students will examine the functions of legal nurse consultants and available career opportunities, including relevant issues regarding employment and independent contracting. 1 hr. lecture/wk.

**Prerequisite:** Admission to the legal nurse consultant program or department chair approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60883</u> 960 <u>F2F</u> -----		-	06/03/13	07/25/13		<u>Tebbe A</u>	<u>3</u>
Requirement: Department approval							

### LAW 266 - Employment Law

This course examines the relationship between employer and employee. Major federal and state employment laws will be examined, including Title VII of the Civil Rights Act of 1964, the Age Discrimination Employment Act and the Americans with Disabilities Act. 3 hrs. lecture/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisites:** Paralegal program students - admission to the paralegal program or department approval. Legal nurse consultant students - LAW 121 and LAW 225

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61124</u> 001 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>GEB 256</u>	<u>Lamfers J</u>	<u>30</u>

## 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

**Prerequisite or Corequisite:** Paralegal program students - LAW 271

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60435</u> 500 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Tebbe A</u>	<u>35</u>

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.

**Prerequisite:** LAW 275

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60436</u> 500 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Tebbe A</u>	<u>35</u>

Kansas State Bill 155

## Learning Strategies (LS)

### 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./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.

**Corequisite:** Concurrent enrollment in a math course

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61122</u> 001 <u>F2F</u>	MTWR---	09:30-10:20 AM	06/03/13	06/27/13	<u>LIB 303</u>	<u>Kanter F</u>	<u>12</u>

### 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./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.

**Corequisite:** Concurrent enrollment in another college course



Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61123</u>	001 <u>F2F</u>	MTWR---	10:30-11:20 AM	06/03/13	06/27/13	<u>LIB 303</u>	<u>Kanter F</u>	<u>12</u>

## Mathematics (MATH)

### 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.

**Prerequisite:** AAC 112 with a grade of "C" or higher or appropriate score on the math placement test.

**Associated Costs:** \$0 to 100  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60002</u>	001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>OCB 332</u>	<u>Thomas M</u>	<u>24</u>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 9:00 a.m. until 10:50 a.m. in OCB 332. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<u>60352</u>	002 <u>F2F</u>	M-W----	02:00-04:50 PM	06/03/13	07/24/13	<u>CLB 211</u>	<u>Phillips V</u>	<u>24</u>
--------------	----------------	---------	----------------	----------	----------	----------------	-------------------	-----------

<u>60706</u>	003 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>CLB 213</u>	<u>Dunaway J</u>	<u>24</u>
--------------	----------------	---------	----------------	----------	----------	----------------	------------------	-----------

Interactive Computer Course

Note: The course section listed above provides mathematical content through computer assisted instruction. Attendance in class is expected. Students purchase a computer software package with an access code that is not returnable at the end of the semester. Internet access (not AOL) is required if you desire to work on course material at home. For more information, contact the instructor.

<u>60413</u>	004 <u>F2F</u>	-T-R---	11:00-01:50 PM	06/04/13	07/25/13	<u>CLB 213</u>	<u>Dunham J</u>	<u>24</u>
--------------	----------------	---------	----------------	----------	----------	----------------	-----------------	-----------

Interactive Computer Course

Note: The course section listed above provides mathematical content through computer assisted instruction. Attendance in class is expected. Students purchase a computer software package with an access code that is not returnable at the end of the semester. Internet access (not AOL) is required if you desire to work on course material at home. For more information, contact the instructor.

<u>60519</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Pettyjohn S</u>	<u>24</u>
--------------	-------------------	-------	---	----------	----------	---------------	--------------------	-----------

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.

<u>60371</u>	450 <u>SEL</u>	-----	-	06/03/13	07/24/14	<u>SELF PACED</u>	<u>Deas M</u>	<u>5</u>
--------------	----------------	-------	---	----------	----------	-------------------	---------------	----------

Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Mary Deas, at 913-469-8500, ext. 4215. For more information and a link to the self-paced application see <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.

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

**Associated Costs:** \$0 to 100  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60318</u>	001 <u>F2F</u>	MTWR---	06:30-07:45 AM	06/03/13	07/25/13	<u>CLB 209</u>	<u>Hoherz A</u>	<u>30</u>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 6:00 a.m. until 7:50 a.m. in CLB 209. The final exam period is

different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60003</b>	002 <b>F2F</b>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<b>GEB 381</b>	<b>Barlow R</b>	<b>24</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 9:00 a.m. until 10:50 a.m. in GEB 381. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60004</b>	003 <b>F2F</b>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<b>GEB 381</b>	<b>Barlow R</b>	<b>24</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:00 a.m. until 12:50 p.m. in GEB 381. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60006</b>	005 <b>F2F</b>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<b>CLB 209</b>	<b>Lang P</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 12:00 p.m. until 1:50 p.m. in CLB 209. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60351</b>	006 <b>F2F</b>	M-W----	09:30-12:20 PM	06/03/13	07/24/13	<b>CLB 213</b>	<b>O'Brien L</b>	<b>24</b>
Interactive Computer Course Note: The course section listed above provides mathematical content through computer assisted instruction. Attendance in class is expected. Students purchase a computer software package with an access code that is not returnable at the end of the semester. Internet access (not AOL) is required if you desire to work on course material at home. For more information, contact the instructor.								
<b>60591</b>	008 <b>F2F</b>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<b>CLB 205</b>	<b>Phillips V</b>	<b>30</b>
<b>60592</b>	009 <b>F2F</b>	-T-R---	02:00-04:50 PM	06/04/13	07/25/13	<b>OCB 308</b>	<b>Putnam T</b>	<b>26</b>
<b>60808</b>	010 <b>F2F</b>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<b>CLB 213</b>	<b>Lefert K</b>	<b>24</b>
Interactive Computer Course Note: The course section listed above provides mathematical content through computer assisted instruction. Attendance in class is expected. Students purchase a computer software package with an access code that is not returnable at the end of the semester. Internet access (not AOL) is required if you desire to work on course material at home. For more information, contact the instructor.								
<b>60520</b>	350 <b>ONLINE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Pettyjohn S</b>	<b>24</b>
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.								
<b>61022</b>	351 <b>ONLINE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Pettyjohn S</b>	<b>24</b>
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.								
<b>60276</b>	450 <b>SEL</b>	-----	-	06/03/13	07/24/14	<b>SELF PACED</b>	<b>Deas M</b>	<b>5</b>
Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Mary Deas, at 913-469-8500 ext. 4215. For more information and a link to the self-paced application see <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a> <b>Requirement:</b> 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 basic conics; and analyze functions and nonfunctions. 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.

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

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60008</b>	001 <b>F2F</b>	MTWR---	06:30-07:45 AM	06/03/13	07/25/13	<b>CLB 205</b>	<b>Caldwell B</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 6:00 a.m. until 7:50 a.m. in CLB 205. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60009</b>	002 <b>F2F</b>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<b>CLB 402</b>	<b>Caldwell B</b>	<b>24</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 7:30 a.m. until 9:20 a.m. in CLB 402. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60707</b>	003 <b>F2F</b>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<b>CLB 211</b>	<b>Worthy M</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 9:30 a.m. until 11:20 a.m. in CLB 211. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60010</b>	004 <b>F2F</b>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<b>CLB 203</b>	<b>Davis P</b>	<b>30</b>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:00 a.m. until 12:50 p.m. in CLB 203. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60011</b>	005 <b>F2F</b>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<b>CLB 403</b>	<b>Davis P</b>	<b>30</b>
--------------	----------------	---------	----------------	----------	----------	----------------	----------------	-----------

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 1:00 p.m. until 2:50 p.m. in CLB 403. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60256</b>	006 <b>F2F</b>	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	<b>CLB 209</b>	<b>Cooper S</b>	<b>30</b>
--------------	----------------	---------	----------------	----------	----------	----------------	-----------------	-----------

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 2:00 p.m. until 3:50 p.m. in CLB 209. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<b>60012</b>	007 <b>F2F</b>	M-W----	08:00-10:50 AM	06/03/13	07/25/13	<b>OCB 308</b>	<b>Byrne M</b>	<b>24</b>
--------------	----------------	---------	----------------	----------	----------	----------------	----------------	-----------

<b>60013</b>	008 <b>F2F</b>	M-W----	12:30-03:20 PM	06/03/13	07/24/13	<b>CLB 213</b>	<b>O'Brien L</b>	<b>24</b>
--------------	----------------	---------	----------------	----------	----------	----------------	------------------	-----------

Interactive Computer Course

Note: The course section listed above provides mathematical content through computer assisted instruction. Attendance in class is expected. Students purchase a computer software package with an access code that is not returnable at the end of the semester. Internet access (not AOL) is required if you desire to work on course material at home. For more information, contact the instructor.

<b>60334</b>	009 <b>F2F</b>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<b>CLB 403</b>	<b>Hamler P</b>	<b>30</b>
--------------	----------------	---------	----------------	----------	----------	----------------	-----------------	-----------

<b>60599</b>	010 <b>F2F</b>	-T-R---	02:00-04:50 PM	06/04/13	07/25/13	<b>CLB 211</b>	<b>Herken P</b>	<b>30</b>
--------------	----------------	---------	----------------	----------	----------	----------------	-----------------	-----------

<b>60845</b>	011 <b>F2F</b>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<b>CLB 211</b>	<b>Mages M</b>	<b>30</b>
--------------	----------------	---------	----------------	----------	----------	----------------	----------------	-----------

<b>60521</b>	350 <b>ONLNE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Imm C</b>	<b>24</b>
--------------	------------------	-------	---	----------	----------	---------------	--------------	-----------

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.

<b>61019</b>	351 <b>ONLNE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Lewis J</b>	<b>24</b>
--------------	------------------	-------	---	----------	----------	---------------	----------------	-----------

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.

<b>60289</b>	450 <b>SEL</b>	-----	-	06/03/13	07/24/14	<b>SELF PACED</b>	<b>Reinhard V</b>	<b>5</b>
--------------	----------------	-------	---	----------	----------	-------------------	-------------------	----------

Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. . For more information and a link to the self-paced application see <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.

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

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

<b>60372</b>	450 <b>SEL</b>	-----	-	06/03/13	07/24/14	<b>SELF PACED</b>	<b>Reinhard V</b>	<b>5</b>
--------------	----------------	-------	---	----------	----------	-------------------	-------------------	----------

Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Vivian Reinhard, at 913-469-8500, ext. 4959. . For more information and a link to the self-paced application see <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./wk.

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

**Associated Costs:** \$0 to 25

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

MTWR---

<b>60708</b>	001 <b>F2F</b>		11:00-12:15 PM	06/03/13	07/25/13	<b>CLB 211</b>	<b>Fortino L</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:30 a.m. until 1:20 p.m. in CLB 211. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60022</b>	002 <b>F2F</b>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<b>CLB 207</b>	<b>Tomlin C</b>	<b>30</b>
<b>60522</b>	350 <b>ONLINE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Wilson S</b>	<b>24</b>
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.								
<b>60414</b>	450 <b>SEL</b>	-----	-	06/03/13	07/24/14	<b>SELF PACED</b>	<b>Reinhard V</b>	<b>5</b>
Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Vivian Reinhard, at 913-469-8500 ext. 4959. For more information and a link to the self-paced application see <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a>								
<b>Requirement:</b> Department approval								

## MATH 171 - College Algebra

This course focuses on the study of functions and their graphs, techniques of solving equations and the recognition and creation of patterns. Students will analyze and graph functions, including constant, linear, absolute value, square root, polynomial, rational, exponential and logarithmic functions and non-functions; solve equations and inequalities, including polynomial equations, exponential equations, logarithmic equations, systems of linear equations and systems of linear inequalities; and analyze and create algebraic and numerical patterns. 3 or 5 hrs./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**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.

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<b>60259</b>	001 <b>F2F</b>	MTWR---	06:30-07:45 AM	06/03/13	07/25/13	<b>CLB 207</b>	<b>Herdt R</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 6:00 a.m. until 7:50 a.m. in CLB 207. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60014</b>	002 <b>F2F</b>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<b>CLB 205</b>	<b>Robinson W</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 8:00 a.m. until 9:50 a.m. in CLB 205. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60394</b>	003 <b>F2F</b>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<b>CLB 205</b>	<b>Robinson W</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 10:00 a.m. until 11:50 a.m. in CLB 205. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60016</b>	005 <b>F2F</b>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<b>OCB 332</b>	<b>Cooper S</b>	<b>26</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:00 a.m. until 12:50 p.m. in OCB 332. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60015</b>	006 <b>F2F</b>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<b>CLB 211</b>	<b>Barger J</b>	<b>30</b>
		---R---	01:00-02:50 PM	07/25/13	07/25/13	<b>CLB 203</b>		
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 1:00 p.m. until 2:50 p.m. in CLB 203. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60451</b>	007 <b>F2F</b>	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	<b>GEB 313</b>	<b>Dotson G</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 2:00 p.m. until 3:50 p.m. in GEB 313. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60017</b>	008 <b>F2F</b>	M-W----	08:00-10:50 AM	06/03/13	07/24/13	<b>CLB 209</b>	<b>Sutherland C</b>	<b>30</b>
<b>60018</b>	009 <b>F2F</b>	M-W----	11:00-01:50 PM	06/03/13	07/24/13	<b>CLB 205</b>	<b>Greenwood J</b>	<b>30</b>
<b>60019</b>	010 <b>F2F</b>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<b>GEB 315</b>	<b>Cruce M</b>	<b>30</b>
<b>60021</b>	012 <b>F2F</b>	-T-R---	11:00-01:50 PM	06/04/13	07/25/13	<b>CLB 205</b>	<b>Reinhard V</b>	<b>30</b>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 12:00 p.m. until 1:50 p.m. in CLB 205. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.								
<b>60023</b>	013 <b>F2F</b>	-T-R---	02:00-04:50 PM	06/04/13	07/25/13	<b>CLB 205</b>	<b>Dunham J</b>	<b>30</b>
<b>61134</b>	014 <b>F2F</b>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<b>GEB 315</b>	<b>Jaggard C</b>	<b>30</b>
<b>60290</b>	450 <b>SEL</b>	-----	-	06/03/13	07/24/14	<b>SELF PACED</b>	<b>Veer P</b>	<b>5</b>
Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Phil Veer, at 913-469-8500 ext. 4700. For more information and a link to the self-paced application see <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a>								

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

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

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60025</u> 001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CLB 211	Wilson S	30
<u>60026</u> 002 <u>F2F</u>	M-W----	11:00-01:50 PM	06/03/13	07/24/13	OCB 308	Esklund K	24
<u>60490</u> 003 <u>F2F</u>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	CLB 209	Lemer A	30
<u>60977</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	ONLINE	Lewis J	24

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 7:30 a.m. until 9:20 a.m. in CLB 211. The final exam period is different from the normal class time and 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.

<u>60027</u> 450 <u>SEL</u>	-----	-	06/03/13	07/24/14	SELF PACED	Veer P	5
-----------------------------	-------	---	----------	----------	------------	--------	---

Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Phil Veer, at 913-469-8500, ext. 4700. For more information and a link to the self-paced application see <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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

*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.*

**Prerequisite:** MATH 116 with a grade of "C" or higher or appropriate score on the math placement test.

**Associated Costs:** \$0 to 100

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60252</u> 001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	GEB 313	Hoherz A	30
<u>60698</u> 002 <u>F2F</u>	MTWR---	11:00-01:15 PM	06/03/13	07/25/13	GEB 313	Hills M	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./wk.

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

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60258</u> 001 <u>F2F</u>	M-W----	02:00-04:50 PM	06/03/13	07/24/13	CLB 402	Greenwood J	24

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

*Note: A statistical package using the computer is a required part of instruction. No computer skills are necessary.*

**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.

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60028</u>	001 <u>F2F</u> MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>GEB 340</u>	<u>Esklund K</u>	<u>24</u>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 7:30 a.m. until 9:20 a.m. in GEB 340. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<u>60029</u>	002 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 340</u>	<u>Esklund K</u>	<u>24</u>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 9:30 a.m. until 11:20 a.m. in GEB 340. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<u>60030</u>	003 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 340</u>	<u>Cudd L</u>	<u>24</u>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:30 a.m. until 1:20 p.m. in GEB 340. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<u>60031</u>	004 <u>F2F</u> MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>GEB 340</u>	<u>Cudd L</u>	<u>24</u>
	---R---	01:00-02:50 PM	07/25/13	07/25/13	<u>GEB 381</u>		
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 1:00 p.m. until 2:50 p.m. in GEB 381. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<u>60032</u>	005 <u>F2F</u> MTWR---	02:00-03:15 PM	06/03/13	07/25/13	<u>GEB 340</u>	<u>Barger J</u>	<u>24</u>
<p>Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 2:00 p.m. until 3:50 p.m. in GEB 340. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.</p>							
<u>60033</u>	006 <u>F2F</u> M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>GEB 340</u>	<u>Link T</u>	<u>24</u>
<u>60699</u>	007 <u>F2F</u> -T-R---	08:00-10:50 AM	06/04/13	07/25/13	<u>CLB 213</u>	<u>Flynn P</u>	<u>24</u>
<u>61036</u>	009 <u>F2F</u> -T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>GEB 340</u>	<u>Ramaglia H</u>	<u>24</u>
<u>60523</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Palcic R</u>	<u>24</u>
<p>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.</p>							
<u>60575</u>	351 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Palcic R</u>	<u>24</u>
<p>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.</p>							
<u>60778</u>	450 <u>SEL</u> -----	-	06/03/13	07/24/14	<u>SELF PACED</u>	<u>Palcic R</u>	<u>5</u>
<p>Note: Pre-approval to enroll in this self-paced math course is required. Contact the instructor, Ron Palcic, at 913-469-8500, ext. 4566. For more information and a link to the self-paced application see <a href="http://www.jccc.edu/mathematics/self-paced.html">http://www.jccc.edu/mathematics/self-paced.html</a></p>							
<p><b>Requirement:</b> Department approval</p>							

## 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.

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

**Associated Costs:** \$0 to 100

**Credit Hours:** 3



CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61138</u>	001 <u>F2F</u>	MTWR---	02:00-03:15 PM	06/03/13	07/25/13	<u>OCB 332</u>	<u>Haverhals E</u>	<u>26</u>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 2:00 p.m. until 3:50 p.m. in OCB 332. The final exam period is different from the normal class time and 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.

**Prerequisite:** MATH 210 with a grade of "C" or higher or department approval

**Associated Costs:** \$0 to 100  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61136</u>	001 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>OCB 332</u>	<u>Haverhals E</u>	<u>26</u>
		---R---	12:00-01:50 PM	07/25/13	07/25/13	<u>CLB 402</u>		

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 12:00 p.m. until 1:50 p.m. in CLB 402. The final exam period is different from the normal class time and 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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Associated Costs:** \$0 to 100  
**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60034</u>	001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>CLB 403</u>	<u>Menning M</u>	<u>30</u>
<u>60035</u>	002 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>CLB 207</u>	TBA	<u>30</u>
<u>60036</u>	003 <u>F2F</u>	-T-R---	08:00-10:50 AM	06/04/13	07/25/13	<u>CLB 209</u>	<u>Johnson J</u>	<u>30</u>
<u>60037</u>	004 <u>F2F</u>	-T-R---	11:00-01:50 PM	06/04/13	07/25/13	<u>OCB 308</u>	<u>Lewis J</u>	<u>24</u>

Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:30 a.m. until 1:20 p.m. in OCB 308. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.

<u>60335</u>	005 <u>F2F</u>	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>CLB 205</u>	<u>Dunham J</u>	<u>30</u>
<u>60524</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Imm C</u>	<u>24</u>

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

**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.

**Associated Costs:** \$0 to 100

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60518</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>CLB 403</u>	TBA	<u>30</u>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 9:00 a.m. until 10:50 a.m. in CLB 403. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							
<u>60260</u> 002 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>CLB 211</u>	TBA	<u>30</u>

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

**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.

**Associated Costs:** \$0 to 100

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60038</u> 001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>CLB 207</u>	<u>Balman B</u>	<u>30</u>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 8:00 a.m. until 9:50 a.m. in CLB 207. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							
<u>60039</u> 002 <u>F2F</u>	MTWR---	11:00-01:15 PM	06/03/13	07/25/13	<u>CLB 207</u>	<u>Balman B</u>	<u>30</u>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:00 a.m. until 12:50 p.m. in CLB 207. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							
<u>60291</u> 003 <u>F2F</u>	MTWR---	06:00-08:15 PM	06/03/13	07/25/13	<u>CLB 203</u>	<u>Dotson G</u>	<u>30</u>

## 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, infinite series and vectors in the plane including scientific applications. 5 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** MATH 237 or MATH 241 or an equivalent course with a grade of "C" or higher

**Associated Costs:** \$0 to 100

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60040</u> 001 <u>F2F</u>	MTWR---	11:00-01:15 PM	06/03/13	07/25/13	<u>GEB 315</u>	<u>Gron Dahl R</u>	<u>30</u>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 11:00 a.m. until 12:50 p.m. in GEB 315. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							
<u>60319</u> 002 <u>F2F</u>	MTWR---	01:30-03:45 PM	06/03/13	07/25/13	<u>GEB 315</u>	<u>Gron Dahl R</u>	<u>30</u>
Note: The class listed above has a 1 hour 50 minute final exam. The final exam is scheduled for Thursday, July 25th from 1:30 p.m. until 3:20 p.m. in GEB 315. The final exam period is different from the normal class time and may conflict with another class you are considering. If you have a conflict, your math instructor will work with you to resolve it.							

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

**Prerequisite:** MATH 242 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

**Associated Costs:** \$0 to 100

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60041</u> 001 <u>F2F</u>	MTWR---	08:00-10:15 AM	06/03/13	07/25/13	<u>GEB 315</u>	<u>Irfan S</u>	<u>30</u>



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

**Prerequisite:** MATH 242 or an equivalent course with a grade of "C" or higher

**Associated Costs:** \$0 to 100

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>61137</u>	001 F2F	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	<u>LIB 353B</u>	<u>Imm C</u>	<u>24</u>

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

**Prerequisite:** MATH 243 with a grade of "C" or higher or an equivalent course with a grade of "C" or higher

**Associated Costs:** \$0 to 100

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60651</u>	001 F2F	M-W----	12:30-04:00 PM	06/03/13	07/24/13	<u>CLB 203</u>	<u>TBA</u>	<u>30</u>

## MATH 285 - Statistics for Business

This is a beginning course in calculus-based 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 must have an understanding of calculus concepts in order to successfully complete this course. Students will learn the basics of descriptive statistics, probability, sampling, confidence intervals, hypothesis testing and linear regression. The course will stress the applications to business with emphasis on quality control. 4 hrs./wk. Students transferring MATH 285 to KU must have CIS 201 as a corequisite. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** MATH 232 or MATH 242 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.

**Associated Costs:** \$0 to 100

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60257</u>	001 F2F	MTWR---	08:00-09:50 AM	06/03/13	07/25/13	<u>CLB 203</u>	<u>TBA</u>	<u>30</u>

## Metal Fabrication and Welding (MFAB)

### 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.

**Associated Costs:** \$50 to \$150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61083</u>	001 F2F M-W----	12:00-12:50 PM	06/03/13	07/25/13	ATB 127	Stoufer J	15
	(Lab) M-W----	01:00-04:50 PM	06/03/13	07/25/13	ATB 150		
Kansas State Bill 155							
<u>61084</u>	002 F2F -T-R---	01:00-01:50 PM	06/04/13	07/25/13	ATB 127	Young N	15
	-T-R---	02:00-05:50 PM	06/04/13	07/25/13	ATB 150		
Kansas State Bill 155							

## MFAB 131 - Shielded Metal Arc Welding (SMAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will describe the Shielded Metal Arc Welding process (SMAW); demonstrate the safe and correct setup of the SMAW workstation; associate SMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; perform basic SMAW welds on selected weld joints; and perform visual inspection of welds. 1hr. lecture, 4 hrs. lab/wk.

**Prerequisite:** MFAB 120 or MFAB 124 or MFAB 127

**Associated Costs:** \$50 to \$150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61185</u>	001 F2F -T-R---	06:00-09:50 PM	06/04/13	07/25/13	ATB 150	Lawson J	7
	---R---	05:00-05:50 PM	06/06/13	07/25/13	ATB 128		
Kansas State Bill 155							

## MFAB 133 - Gas Metal Arc Welding (GMAW) I

Through classroom and/or shop/lab learning and assessment activities, students in this course will: explain gas metal arc welding process (GMAW); demonstrate the safe and correct set up of the GMAW workstation; correlate GMAW electrode classifications with base metals and joint criteria; demonstrate proper electrode selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes in the flat position; build pads of weld beads with selected electrodes in the horizontal position; produce basic GMAW welds on selected weld joints; and conduct visual inspection of GMAW welds. 1 hr. lecture, 4hrs. lab/wk.

**Prerequisite:** MFAB 120 or MFAB 124 or MFAB 127

**Associated Costs:** \$50 to \$150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61187</u>	001 F2F M-----	05:00-05:50 PM	06/03/13	07/25/13	ATB 128	Lawson J	8
	(Lab) M-W----	06:00-09:50 PM	06/03/13	07/25/13	ATB 150		
Kansas State Bill 155							

## MFAB 136 - Gas Tungsten Arc Welding (GTAW) I

Through classroom and/or lab/shop learning and assessment activities, students in this course will: explain the gas tungsten arc welding process (GTAW); demonstrate the safe and correct set up of the GTAW workstation; relate GTAW electrode and filler metal classifications with base metals and joint criteria; build proper electrode and filler metal selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes and filler material in the flat position; build pads of weld beads with selected electrodes and filler material in the horizontal position; perform basic GTAW welds on selected weld joints; and perform visual inspection of GTAW welds. 1 hr. lecture, 4hrs. lab/wk.

**Prerequisite:** MFAB 120 or MFAB 124 or MFAB 127

**Associated Costs:** \$50 to \$150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61188</u>	001 F2F (Lab)M-W----	06:00-09:50 PM	06/03/13	07/25/13	ATB 150	Lawson J	7
	--W----						

## 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.

**Prerequisites:** MFAB 121 or MFAB 131 and MFAB 130 or MFAB 133 and MFAB 136 or MFAB 160

**Associated Costs:** \$30 to 150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61186</u>	001 <u>F2F</u> -T-----	05:00-05:50 PM	06/04/13	07/25/13	<u>ATB 128</u>	<u>Lawson J</u>	<u>8</u>
	(Lab) -T-R---	06:00-09:50 PM	06/04/13	07/25/13	<u>ATB 150</u>		

Kansas State Bill 155

## MFAB 271 - Metal Fabrication Internship

Upon successful completion of this course, the student should be able to apply classroom knowledge to an actual work situation. The internship will provide advanced students with on-the-job experience under the supervision of professionals in the industry. The work will be developed cooperatively with area employers, college staff and each student to provide a variety of actual job experiences directly related to the student's career goals. 1 hrs. lecture, 15 hrs. minimum on-the-job training/wk.

**Prerequisite:** Department approval

**Associated Costs:** \$30 to 150

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60287</u>	500 <u>INT</u> -----	-	06/03/13	07/25/13	<u>ATB</u>	<u>Tremain R</u>	<u>5</u>

Kansas State Bill 155

**Requirement:** Department approval

## Marketing Management (MKT)

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60857</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hulen P</u>	<u>20</u>

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61148</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/28/13	<u>ONLINE</u>	<u>Webb E</u>	<u>20</u>
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./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60914</u> 001 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>OCB 246</u>	<u>Clopton J</u>	<u>32</u>
Kansas State Bill 155							
<u>60915</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hulen P</u>	<u>20</u>
Kansas State Bill 155							
<u>60916</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Hulen P</u>	<u>20</u>
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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60292</u> 960 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Hulen P</u>	<u>4</u>
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.

**Prerequisite:** MKT 284

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60293</u> 960 <u>F2F</u>	-----	-	06/03/13	07/25/13		<u>Hulen P</u>	<u>2</u>
Kansas State Bill 155							

## Music (MUS)

### 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./wk.

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60321</u>	001 <u>F2F</u> MTWR----	11:00-12:15 PM	06/03/13	07/25/13	<u>OCB 144</u>	<u>Wilcken G</u>	<u>26</u>
<u>60137</u>	002 <u>F2F</u> M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>OCB 144</u>	<u>Kennedy N</u>	<u>26</u>
<u>60364</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Brown D</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

### 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**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60774</u>	001 <u>F2F</u> MTWR----	09:30-10:45 AM	06/03/13	07/25/13	<u>OCB 144</u>	<u>Fitzer H</u>	<u>26</u>

### MUS 155 - Introduction to the Recording Studio

This course is design to provide a basic overview of the contemporary digital recording studio. Students will learn though demonstration and practice how to use current hardware and software used to produce music. 2 hrs. lecture/wk.

**Credit Hours: 2**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60990</u>	001 <u>F2F</u> -----S-	09:00-12:50 PM	06/08/13	07/27/13	<u>OCB 364</u>	<u>Ransom T</u>	<u>12</u>

### 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**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60322</u>	001 <u>F2F</u> MTWR----	09:00-10:50 AM	06/03/13	07/25/13	<u>OCB 364</u>	<u>Padavic B</u>	<u>12</u>
<u>60991</u>	002 <u>F2F</u> MTWR----	11:00-12:50 PM	06/03/13	07/25/13	<u>OCB 364</u>	<u>Olvera V</u>	<u>12</u>

### 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60359</u> 001 <u>F2F</u>	M-W----	09:00-10:45 AM	06/03/13	07/24/13	<u>OCB 362</u>	<u>Pretzel M</u>	<u>8</u>
<u>60360</u> 002 <u>F2F</u>	M-W----	11:00-12:45 PM	06/03/13	07/24/13	<u>OCB 362</u>	<u>Pretzel M</u>	<u>8</u>

## 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.

**Prerequisite:** MUS 222 or department approval

**Credit Hours:** 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60976</u> 001 <u>F2F</u>	M-W----	01:00-02:45 PM	06/03/13	07/24/13	<u>OCB 362</u>	<u>Pretzel M</u>	<u>8</u>

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60248</u> 001 <u>F2F</u>	M-W----	12:30-01:20 PM	06/03/13	07/24/13	<u>OCB 192</u>	<u>Fitzer H</u>	<u>15</u>

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61209</u> 001 <u>F2F</u>	-----	-	06/03/13	07/25/13	<u>OCB 184</u>	<u>Murray A</u>	<u>8</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60227</u> 600 <u>F2F</u>	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>10</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60228</u>	601 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60240</u>	602 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60307</u>	603 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> 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.

**Prerequisite:** MUS 236

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60229</u>	600 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60230</u>	601 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60241</u>	602 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60308</u>	603 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> 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.

**Prerequisite:** MUS 237

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60231</u>	600 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>5</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60232</u>	601 F2F	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>5</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							

Requirement: Department approval

<u>60242</u>	602 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>5</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60309</u>	603 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>10</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
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.

Prerequisite: MUS 238

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60233</u>	600 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>5</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60234</u>	601 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Pretzel M</u>	<u>5</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60243</u>	602 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>5</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60310</u>	603 F2F	-----	-	06/03/13	07/25/13	<u>OCB 186</u>	<u>Dolnik N</u>	<u>5</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60235</u>	600 F2F	-----	-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>20</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60281</u>	601 F2F	-----	-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>10</u>
Fee: \$150.00								
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)								
Requirement: Department approval								
<u>60330</u>	602 F2F	-----	-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>10</u>
Fee: \$150.00								



Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**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.

**Prerequisite:** MUS 241 or department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60236</u> 600 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>20</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60282</u> 601 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60546</u> 602 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> 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.

**Prerequisite:** MUS 242 or department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60237</u> 600 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>20</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60283</u> 601 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>5</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> 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.

**Prerequisite:** MUS 243 or department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60238</u> 600 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>20</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60284</u> 601 <u>F2F</u> -----		-	06/03/13	07/25/13	<u>OCB 188</u>	<u>Fitzer H</u>	<u>5</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 246 - Applied Classical Guitar I (Private)

Private study in basic classical guitar technique and repertoire. Emphasis will be upon classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will begin with studies and short pieces.

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60239</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 188	<u>Fitzer H</u>	<u>20</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60285</u>	601 F2F	-----	-	06/03/13	07/25/13	OCB 188	<u>Fitzer H</u>	<u>10</u>
--------------	---------	-------	---	----------	----------	---------	-----------------	-----------

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 247 - Applied Classical Guitar II (Private)

This continuation of private study in basic classical guitar technique and repertoire will emphasize classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will continue with studies and short pieces, then progress toward longer pieces with the intent of performing these in a recital situation.

**Prerequisite:** MUS 246 or department approval**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60311</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 188	<u>Fitzer H</u>	<u>10</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60316</u>	601 F2F	-----	-	06/03/13	07/25/13	OCB 188	<u>Fitzer H</u>	<u>5</u>
--------------	---------	-------	---	----------	----------	---------	-----------------	----------

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 248 - Applied Classical Guitar III (Private)

In this private study in intermediate classical guitar technique and repertoire, emphasis will be on classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will progress toward playing and performing more advanced pieces and guitar studies.

**Prerequisite:** MUS 247 or department approval**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60312</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 188	<u>Fitzer H</u>	<u>10</u>

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 249 - Applied Classical Guitar IV (Private)

This continuation of private study in intermediate classical guitar technique and repertoire will emphasize classical left- and right-hand technique, playing position, posture, tone production and standard classical guitar literature. Students will progress toward playing and performing more advanced pieces and guitar studies.

**Prerequisite:** MUS 248 or department approval

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60313</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 188	Fitzer H	10

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60577</u>	601 F2F	-----	-	06/03/13	07/25/13	OCB 188	Fitzer H	5
--------------	---------	-------	---	----------	----------	---------	----------	---

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 261 - Applied Woodwind I (Private)

This is an entry-level course for the student with little or no experience performing on a woodwind instrument. Through written exercises and performance on the instrument of choice, the student will learn the basic elements of woodwind performance. Topics to be covered include tone production, basic intervals and major scales.

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60670</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 182	Isaac J	10

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60671</u>	601 F2F	-----	-	06/03/13	07/25/13	OCB 182	Isaac J	10
--------------	---------	-------	---	----------	----------	---------	---------	----

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 262 - Applied Woodwind II (Private)

This is a beginning-level course for the student with at least one semester of prior woodwind study. The student will learn beginning concepts of woodwind performance on the chosen instrument through written exercises and performance. Topics to be covered include embouchure development, minor scales and dupe and triple meters.

**Prerequisite:** MUS 261 or placement by instructor

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60672</u>	600 F2F	-----	-	06/03/13	07/25/13	OCB 188	Isaac J	10

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

<u>60673</u>	601 F2F	-----	-	06/03/13	07/25/13	OCB 182	Isaac J	10
--------------	---------	-------	---	----------	----------	---------	---------	----

Fee: \$150.00

Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)

**Requirement:** Department approval

## MUS 263 - Applied Woodwind III (Private)

This is an intermediate-level course for the student with at least two semesters of prior woodwind study. The student will learn the intermediate concepts of woodwind performance through written exercises and performance. Topics to be covered include chromatic scale, quadruple rhythmic patterns and chord construction.

**Prerequisite:** MUS 262 or placement by instructor

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60674</u>	600 <u>F2F</u> -----	-	06/03/13	07/25/13	<u>OCB 182</u>	<u>Isaac J</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60675</u>	601 <u>F2F</u> -----	-	06/03/13	07/25/13	<u>OCB 182</u>	<u>Isaac J</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							

## MUS 264 - Applied Woodwind IV (Private)

This is an advanced-level course for the student with at least three semesters of prior woodwind study. Through written exercises and performance, the student will learn the advanced concepts of woodwind performance. Topics to be covered include pentatonic scale, whole tone scale and melodic contour.

**Prerequisite:** MUS 263 or placement by instructor

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60676</u>	600 <u>F2F</u> -----	-	06/03/13	07/25/13	<u>OCB 182</u>	<u>Isaac J</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							
<u>60677</u>	601 <u>F2F</u> -----	-	06/03/13	07/25/13	<u>OCB 182</u>	<u>Isaac J</u>	<u>10</u>
Fee: \$150.00							
Note: To obtain department approval, contact instructor for permission to enroll. (When using the web class search, hover over the instructor's name with your cursor for a link to their email.)							
<b>Requirement:</b> Department approval							

## Nursing (NURS)

### 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.

**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

**Associated Costs:** \$320

**Credit Hours:** 6

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61108</u>	001 <u>CLI</u> MTWRF--	08:00-04:00 PM	06/03/13	06/26/13	<u>CLB 113</u>	<u>Deines W</u>	<u>Closed</u>
	---R---	08:00-10:00 AM	06/27/13	06/27/13	<u>SCI 222</u>	<u>Huffman A</u>	
	----F--	08:00-04:00 PM	06/28/13	06/28/13	<u>CLB 113</u>	<u>LaMartina K</u>	
	M-----	08:00-12:00 PM	07/29/13	07/29/13	<u>CLB 113</u>	<u>Barlett M</u>	
						<u>Lanier N</u>	
						<u>McNally J</u>	

Kansas State Bill 155

# Philosophy (PHIL)

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60139</u> 001 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	GEB 317	Vlahos C	35
<u>60141</u> 002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	GEB 317	Musil B	35
<u>60249</u> 003 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 126A	Quillen L	35
<u>60197</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	ONLINE	Jones A	25

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

<u>61054</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	ONLINE	Jones A	25
--------------------------------	-------	---	----------	----------	--------	---------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60572</u> 001 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 344	Coleman K	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./wk.

Credit Hours: 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60625</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/14/13	ONLINE	Arjo D	25

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

<u>60626</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/14/13	ONLINE	Arjo D	25
--------------------------------	-------	---	----------	----------	--------	--------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

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

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60142</u>	001 <u>F2F</u> MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 317</u>	<u>Conrad O</u>	<u>35</u>
<u>60143</u>	002 <u>F2F</u> MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 317</u>	<u>Conrad O</u>	<u>35</u>
<u>60959</u>	350 <u>ONLINE</u> -----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Jones A</u>	<u>25</u>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## Photography (PHOT)

### 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. lecture, lab/wk.

**Associated Costs: \$150 to 175**

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60069</u>	001 <u>F2F</u> -TWR---	08:00-11:50 AM	06/04/13	07/25/13	<u>ATB 147</u>	<u>Long A</u>	<u>18</u>

### PHOT 122 - Advanced Photography

This course provides an introduction to advanced techniques, tools, procedures and concepts of photographic imaging, with an emphasis on black-and-white photography as a fine art. Students will use Zone System tests and procedures to produce prints of maximum quality. Students will use advanced techniques, such as split-developers for contrast control, multiple-imaging and archival processing, and print presentation. Several "alternative" printing processes will be discussed and demonstrated. This course also includes a basic introduction to medium format (2 1/4) and large format (4 x 5) camera equipment and technique. Students will apply the above to make images for a series of conceptually advanced, project/series-oriented assignments to stimulate the student's creative capacities for personal expression, communication and self-understanding. 6 hrs. lecture, lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

**Prerequisite:** PHOT 121

**Associated Costs: \$100 to 150**

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60500</u>	001 <u>F2F</u> -TWR---	06:00-09:50 PM	06/04/13	07/25/13	<u>ATB 147</u>	<u>Nichols J</u>	<u>18</u>

### 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.

**Associated Costs: \$75 to 150**

**Credit Hours: 3**

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
-------	------	-------	-------	-----	----------	------------	------------

<u>60323</u>	001	<u>F2F</u>	-TWR---	01:00-04:50 PM	06/04/13	07/25/13	<u>ATB 135</u>	<u>Heving P</u>	<u>20</u>
Kansas State Bill 155									
<u>60821</u>	002	<u>F2F</u>	-TWR---	06:00-09:50 PM	06/04/13	07/25/13	<u>ATB 135</u>	<u>Sands C</u>	<u>20</u>
Kansas State Bill 155									
<u>60361</u>	350	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Nichols M</u>	<u>25</u>
Kansas State Bill 155									
For more information on this course, go to <a href="http://www.jccc.edu/distance-learning">http://www.jccc.edu/distance-learning</a> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.									
<u>60533</u>	351	<u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Nichols M</u>	<u>25</u>
Kansas State Bill 155									
For more information on this course, go to <a href="http://www.jccc.edu/distance-learning">http://www.jccc.edu/distance-learning</a> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.									

## Physics (PHYS)

### PHYS 130 - General 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 mechanics, heat 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: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

*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.*

**Prerequisite:** MATH 171 or placement scores

**Credit Hours:** 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60224</u>	001 <u>F2F</u>	M-W----	08:00-10:50 AM	06/03/13	07/24/13	<u>SCI 122</u>	<u>Weaver L</u>	<u>24</u>
		-T-R---	08:00-08:50 AM	06/04/13	07/25/13	<u>SCI 122</u>		
	(Lab)	-T-R---	09:00-11:50 AM	06/04/13	07/25/13	<u>SCI 121</u>		
Note: This course does not normally fulfill any of the requirements of engineering programs.								
<u>60225</u>	002 <u>F2F</u>	MTWR---	12:00-01:50 PM	06/03/13	07/25/13	<u>SCI 122</u>	<u>Martinez D</u>	<u>24</u>
	(Lab)	-T-R---	02:00-04:50 PM	06/04/13	07/25/13	<u>SCI 121</u>		
Note: This course does not normally fulfill any of the requirements of engineering programs.								
<u>60226</u>	003 <u>F2F</u>	M-W----	06:00-08:50 PM	06/03/13	07/24/13	<u>SCI 122</u>	TBA	<u>24</u>
		-T-R---	06:00-06:50 PM	06/04/13	07/25/13	<u>SCI 122</u>		
	(Lab)	-T-R---	07:00-09:50 PM	06/04/13	07/25/13	<u>SCI 121</u>		
Note: This course does not normally fulfill any of the requirements of engineering programs.								

### PHYS 131 - General 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, 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.*

**Prerequisite:** PHYS 130

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<b>60548</b> 001 <b>F2F</b>	MTWR---	12:00-01:50 PM	06/03/13	07/25/13	SCI 120	<b>Thuma R</b>	<b>24</b>
	(Lab) M-W----	02:00-04:50 PM	06/03/13	07/24/13	SCI 117		
Note: This course does not normally fulfill any of the requirements of engineering programs.							
<b>60705</b> 002 <b>F2F</b>	M-W----	06:00-06:50 PM	06/03/13	07/24/13	SCI 120	<b>Thuma R</b>	<b>24</b>
	(Lab) M-W----	07:00-09:50 PM	06/03/13	07/24/13	SCI 117		
	-T-R---	06:00-08:50 PM	06/04/13	07/25/13	SCI 120		
Note: This course does not normally fulfill any of 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.

**Prerequisites:** PHYS 220 and MATH 242

Credit Hours: 5

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<b>60065</b> 001 <b>F2F</b>	M-W----	08:00-08:50 AM	06/03/13	07/24/13	SCI 120	<b>Stites R</b>	<b>24</b>
	(Lab) M-W----	09:00-11:50 AM	06/03/13	07/24/13	SCI 117		
	-T-R---	08:00-10:50 AM	06/04/13	07/25/13	SCI 120		

## Political Science (POL S)

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<b>60145</b> 001 <b>F2F</b>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	CC 126A	<b>Burns J</b>	<b>35</b>
<b>60813</b> 350 <b>ONLINE</b>	-----	-	06/03/13	07/25/13	<b>ONLINE</b>	<b>Alexander L</b>	<b>25</b>

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<b>60741</b> 002 <b>F2F</b>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	GEB 213	<b>Burns J</b>	<b>34</b>
<b>60929</b> 003 <b>F2F</b>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	GEB 213	<b>Elmore C</b>	<b>34</b>



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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
60661	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Alexander L	25

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## 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./wk. and online Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
60479	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Belzer G	25

Note: This class is designed to help you better understand the complex problems and interactions in our interdependent global village. This class will be taught using ANGEL at <http://dl.jccc.edu>. Students will communicate with the instructor and with classmates via ANGEL. Those unfamiliar with ANGEL should participate in the brief distance learning orientation offered at the beginning of each semester. This is not a self-paced course and students will be expected to complete all assignments on time. You may contact George Belzer, the instructor, at [gbelzer@jccc.edu](mailto:gbelzer@jccc.edu) for more information. This course has all or a substantial portion of the content provided online.

60814	351 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Belzer G	25
-------	------------	-------	---	----------	----------	--------	----------	----

Note: This class is designed to help you better understand the complex problems and interactions in our interdependent global village. This class will be taught using ANGEL at <http://dl.jccc.edu>. Students will communicate with the instructor and with classmates via ANGEL. Those unfamiliar with ANGEL should participate in the brief distance learning orientation offered at the beginning of each semester. This is not a self-paced course and students will be expected to complete all assignments on time. You may contact George Belzer, the instructor, at [gbelzer@jccc.edu](mailto:gbelzer@jccc.edu) for more information. This course has all or a substantial portion of the content provided online.

## 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

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
60742	350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Faulwell B	25

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

## Physical Science (PSCI)

### PSCI 120 - Physical Science

This course is an introduction to the fundamental concepts and principles of physics, chemistry, geology and astronomy. Topics include energy, electricity, magnetism, modern physics and chemical bonding. It is counted toward laboratory science requirements and is intended for non-science majors. It 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. 3 hrs. lecture, 3 hrs. lab/wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
	MTWR---						

## Psychology (PSYC)

### 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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 3

<u>CRN #</u>	<u>Days</u>	<u>Times</u>	<u>Start</u>	<u>End</u>	<u>Building</u>	<u>Instructor</u>	<u>Seats Open</u>
<u>60149</u> 001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>CLB 312</u>	<u>Kappen D</u>	<u>35</u>
<u>60150</u> 002 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 377</u>	<u>Riley N</u>	<u>35</u>
<u>60151</u> 003 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>CLB 312</u>	<u>Kappen D</u>	<u>35</u>
<u>60751</u> 004 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 377</u>	<u>Riley N</u>	<u>35</u>
<u>60527</u> 005 <u>F2F</u>	-T-R---	03:00-05:30 PM	06/04/13	07/25/13	<u>SCI 212</u>	<u>Ward P</u>	<u>70</u>
Note: This section is taught together with another section in a large lecture hall. Two professors collaborate in discussing the material in class, but your professor will be solely responsible for evaluating your work.							
<u>60528</u> 006 <u>F2F</u>	-T-R---	03:00-05:30 PM	06/04/13	07/25/13	<u>SCI 212</u>	<u>Ladd B</u>	<u>70</u>
Note: This section is taught together with another section in a large lecture hall. Two professors collaborate in discussing the material in class, but your professor will be solely responsible for evaluating your work.							
<u>60616</u> 008 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>CLB 312</u>	<u>Jones D</u>	<u>35</u>
<u>60152</u> 009 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>SCI 212</u>	<u>Ward P</u>	<u>35</u>
<u>60501</u> 010 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>CLB 312</u>	<u>Ward A</u>	<u>35</u>
<u>60346</u> 011 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>CLB 312</u>	<u>Kappen D</u>	<u>35</u>
<u>60858</u> 012 <u>F2F</u>	-T-R---	11:00-01:30 PM	06/04/13	07/25/13	<u>CC 352</u>	<u>Sympson S</u>	<u>35</u>
<u>60345</u> 350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Klinger T</u>	<u>25</u>
For more information on this course, go to <a href="http://www.jccc.edu/distance-learning">http://www.jccc.edu/distance-learning</a> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.							
<u>60508</u> 351 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Rader M</u>	<u>25</u>
Note: This course has all or a substantial portion of the content provided online.							
<u>61119</u> 352 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Rader M</u>	<u>25</u>
Note: This course has all or a substantial portion of the content provided online.							
<u>61200</u> 353 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Rader M</u>	<u>25</u>
Note: This course has all or a substantial portion of the content provided online.							

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

**Prerequisite:** PSYC 130

**Credit Hours:** 3

<u>CRN #</u>	<u>Days</u>	<u>Times</u>	<u>Start</u>	<u>End</u>	<u>Building</u>	<u>Instructor</u>	<u>Seats Open</u>
<u>60153</u> 001 <u>F2F</u>	M-W----	11:00-01:30 PM	06/03/13	07/24/13	<u>SCI 212</u>	<u>Ward P</u>	<u>35</u>

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

**Prerequisite:** PSYC 130

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60154</u>	001 F2F MTWR---	09:30-10:45 AM	06/03/13	07/25/13	SCI 212	Salvato M	35
<u>60557</u>	002 F2F M-W----	06:00-08:30 PM	06/03/13	07/24/13	SCI 212	Salvato M	35
<u>60696</u>	003 F2F -T-R----	06:00-08:30 PM	06/04/13	07/25/13	GEB 377	Rebeck P	35
<u>60536</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Klinger T	25
<p>Note: This class will be taught online. There will be at least two exams expected to be taken either on-campus or by a proctor approved by the professor. For more information about online classes go to <a href="http://www.jccc.edu/distance-learning/">http://www.jccc.edu/distance-learning/</a>. It is highly suggested you attend a brief distance learning orientation if you have never taken an online class. Please feel free to contact Toby Klinger at <a href="mailto:tklinger@jccc.edu">tklinger@jccc.edu</a> for more information.</p>							
<u>60752</u>	351 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Klinger T	25
<p>Note: This class will be taught online. There will be at least two exams expected to be taken either on-campus or by a proctor approved by the professor. For more information about online classes go to <a href="http://www.jccc.edu/distance-learning/">http://www.jccc.edu/distance-learning/</a>. It is highly suggested you attend a brief distance learning orientation if you have never taken an online class. Please feel free to contact Toby Klinger at <a href="mailto:tklinger@jccc.edu">tklinger@jccc.edu</a> for more information.</p>							

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

**Prerequisite:** PSYC 130

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60560</u>	001 F2F -T-R----	03:00-05:30 PM	06/04/13	07/25/13	CLB 312	Ward A	35

## Respiratory Care (RC)

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.

**Prerequisite:** Admission to the respiratory care program

**Associated Costs:** \$150 to 250

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60261</u>	001 F2F -T-RF--	08:00-10:00 AM	06/04/13	07/25/13	CLB 111	Freund C	18

Kansas State Bill 155

Requirement: selective admission approval

Murray J  
Portmann R

## 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

**Prerequisite:** Admission to the respiratory care program

**Credit Hours:** 4

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60262</u> 001 <u>F2F</u>	M-W-F--	-	06/03/13	07/25/13	<u>CLB 111</u>	<u>Murray J</u>	<u>18</u>

Kansas State Bill 155

Requirement: selective admission approval

## 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.

**Prerequisite:** Admission to the respiratory care program

**Credit Hours:** 1

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60263</u> 001 <u>F2F</u>	--W----	-	06/05/13	07/25/13	<u>CLB 111</u>	<u>Portmann R</u>	<u>18</u>

Kansas State Bill 155

Requirement: selective admission approval

## Reading (RDG)

### RDG 125 - Fundamentals of Reading

This is a mandatory reading course based on JCCC assessment results, and successful completion of the course (defined as a "C" or higher) is required for students to progress in the assessment mandated sequence of reading courses. It is designed for students who need to improve their understanding of written expression. The focus is on the development of vocabulary, dictionary usage, comprehension and written communication. The next course, RDG 126 Reading Skills Improvement, is also required to complete the mandatory reading program. RDG 125 does not fulfill degree requirements and is not financial aid eligible. 3 hrs./wk.

**Prerequisite:** Appropriate assessment score

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60471</u> 001 <u>F2F</u>	-T-R---	12:30-03:00 PM	06/04/13	07/25/13	<u>CC 321</u>	<u>Steel S</u>	<u>18</u>

### RDG 126 - Reading Skills Improvement

This is the final mandatory reading course based on JCCC assessment scores, and successful completion of this course (defined as a grade of "C" or higher) is required to exit the assessment mandated sequence of reading courses. 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 news articles and other 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./wk.

**Prerequisites:** Appropriate test score; or either RDG 125 with a grade of "C" or higher; or EAP 111 and EAP 115 and EAP 122

Associated Costs: \$2 to 5  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60410 001 F2F	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	CC 321	Graham L	22
60411 002 F2F	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 321	Fielder R	22
60525 003 F2F	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 321	McCall S	22

## Religion (REL)

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60396 001 F2F	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	CC 344	MacArthur S	35
60668 350 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Robertson M	25

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

60960 351 ONLINE	-----	-	06/03/13	07/25/13	ONLINE	Robertson M	25
------------------	-------	---	----------	----------	--------	-------------	----

For more information on this course, go to <http://www.jccc.edu/distance-learning> and select the Online Course Information Guide link. When the Guide opens in your browser, locate your course and review the information provided.

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
60505 001 F2F	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 338	MacArthur S	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. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
61125 001 F2F	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	GP 102	MacArthur S	25

# Sociology (SOC)

## 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. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60162</u>	001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>GEB 240</u>	<u>Vause C</u>	<u>35</u>
<u>60163</u>	002 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 240</u>	<u>Zirkle B</u>	<u>35</u>
<u>60164</u>	003 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 240</u>	<u>Zirkle B</u>	<u>35</u>
<u>60165</u>	004 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>GEB 240</u>	<u>Seiler C</u>	<u>35</u>
<u>60166</u>	005 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 240</u>	<u>Whitman L</u>	<u>35</u>
<u>60454</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Ketter T</u>	<u>25</u>

Note: This course has all or a substantial portion of the content provided online.

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

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60167</u>	001 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	<u>GEB 375</u>	<u>Petrovic U</u>	<u>35</u>
<u>60384</u>	002 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/24/13	<u>GEB 375</u>	<u>Whitman L</u>	<u>35</u>
<u>61192</u>	003 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	<u>GEB 375</u>	<u>Spence J</u>	<u>35</u>
<u>61202</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Petrovic U</u>	<u>25</u>

## 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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

**Credit Hours:** 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60168</u>	001 <u>F2F</u>	MTWR---	09:30-10:45 AM	06/03/13	07/25/13	<u>GEB 375</u>	<u>Killeen J</u>	<u>35</u>
<u>60377</u>	002 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	<u>GEB 375</u>	<u>Grinter B</u>	<u>35</u>
<u>61201</u>	350 <u>ONLINE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Ketter T</u>	<u>25</u>

Co-requisite to enroll in

# Speech/Debate (SPD)

## 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./wk. This course may be offered as a Learning Communities (LCOM) section, see current credit schedule for LCOM details. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

Associated Costs: \$5 to 10

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60171</u>	001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 332	<u>Vasquez A</u>	<u>25</u>
<u>60170</u>	002 <u>F2F</u>	MTWR---	09:30-10:44 AM	06/03/13	07/25/13	CC 332	<u>Vasquez A</u>	<u>25</u>
<u>60169</u>	003 <u>F2F</u>	MTWR---	10:45-01:15 PM	06/03/13	07/25/13	LIB 353B	<u>Mayo S</u>	<u>25</u>
<u>60472</u>	004 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	CC 332	<u>Heapes T</u>	<u>25</u>
<u>60173</u>	100 <u>F2F</u>	MTWR---	10:45-01:15 PM	06/03/13	06/27/13	CC 332	<u>Naeymi D</u>	<u>25</u>
<u>61000</u>	101 <u>F2F</u>	MTWR---	01:30-04:00 PM	06/03/13	06/27/13	CC 332	<u>Naeymi D</u>	<u>25</u>
<u>60172</u>	102 <u>F2F</u>	MTWR---	08:00-10:30 AM	07/01/13	07/25/13	CC 318	<u>Sewell E</u>	<u>25</u>
<u>60839</u>	350 <u>ONLNE</u>	-----	-	06/03/13	07/25/13	<u>ONLINE</u>	<u>Welsch L</u>	<u>18</u>

Note: SPD 120 350 is a completely online section; there are no campus meetings. Students will use ANGEL to access course materials, submit written work, participate in class discussion and communicate with the instructor and other students in the class. There are specific deadlines for the course. The course is not self-paced. For more information, contact the instructor, Lindsey Welsch, at 913-469-8500, ext. 5323, or e-mail lwelsch@jccc.edu.

## SPD 121 - Public Speaking

This course is designed to meet the needs of people who wish to improve their ability to prepare and deliver effective oral presentations before an audience. This fundamental speech course emphasizes creation of ideas, research techniques, outlining, audience analysis, organization and delivery techniques. Students will deliver a variety of speech types including informative and persuasive. 3 hrs./wk. Note: An honors contract is available. Contact the Honors Program Office, COM 201, for more information.

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

Associated Costs: \$5 to 10

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open	
<u>60174</u>	001 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 216	<u>Mohr M</u>	<u>20</u>
<u>60175</u>	002 <u>F2F</u>	MTWR---	08:00-09:15 AM	06/03/13	07/25/13	CC 325	<u>Luongo J</u>	<u>20</u>
<u>60176</u>	003 <u>F2F</u>	MTWR---	09:30-10:44 AM	06/03/13	07/25/13	CC 325	<u>Luongo J</u>	<u>20</u>
<u>60329</u>	004 <u>F2F</u>	MTWR---	09:30-10:44 AM	06/03/13	07/25/13	CC 312	<u>Rose S</u>	<u>20</u>
<u>60177</u>	005 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 312	<u>Rose T</u>	<u>20</u>
<u>60178</u>	006 <u>F2F</u>	MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 229	<u>Kiser M</u>	<u>20</u>
<u>60179</u>	007 <u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	CC 229	<u>Kiser M</u>	<u>20</u>
<u>60474</u>	008 <u>F2F</u>	M-W----	01:30-04:00 PM	06/03/13	07/25/13	CC 331	<u>Broxterman P</u>	<u>20</u>
<u>60180</u>	009 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	CC 216	<u>Schaefer M</u>	<u>20</u>
<u>60412</u>	010 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	CC 331	<u>Broxterman P</u>	<u>20</u>
<u>61021</u>	011 <u>F2F</u>	M-W----	06:00-08:30 PM	06/03/13	07/25/13	CC 325	<u>Cramer D</u>	<u>20</u>
<u>60473</u>	012 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 216	<u>Schaefer M</u>	<u>20</u>
<u>60354</u>	013 <u>F2F</u>	-T-R---	06:00-08:30 PM	06/04/13	07/25/13	CC 318	<u>Geiger W</u>	<u>20</u>
<u>60181</u>	100 <u>F2F</u>	MTWR---	08:00-10:30 AM	06/03/13	06/27/13	CC 331	<u>Stanley J</u>	<u>20</u>
<u>60204</u>	101 <u>F2F</u>	MTWR---	08:00-10:30 AM	06/03/13	06/27/13	CC 318	<u>Rose T</u>	<u>20</u>
<u>60476</u>	102 <u>F2F</u>	MTWR---	10:45-01:15 PM	06/03/13	06/27/13	CC 331	<u>Stanley J</u>	<u>20</u>



<u>60182</u>	103	<u>F2F</u>	MTWR---	10:45-01:15 PM	06/03/13	06/27/13	<u>CC 325</u>	<u>Helmick T</u>	<u>20</u>
<u>60526</u>	104	<u>F2F</u>	MTWR---	01:30-04:00 PM	06/03/13	06/27/13	<u>CC 325</u>	<u>Helmick T</u>	<u>20</u>
<u>61116</u>	105	<u>F2F</u>	MTWR---	01:30-04:00 PM	06/03/13	06/27/13	<u>CC 312</u>	<u>Hilton M</u>	<u>20</u>
<u>60477</u>	106	<u>F2F</u>	MTWR---	02:00-04:30 PM	06/03/13	06/27/13	<u>CC 229</u>	<u>Buta C</u>	<u>20</u>
<u>60450</u>	107	<u>F2F</u>	MTWR---	06:00-08:30 PM	06/03/13	06/27/13	<u>CC 229</u>	<u>Buta C</u>	<u>20</u>
<u>60273</u>	108	<u>F2F</u>	MTWR---	06:00-08:30 PM	06/03/13	06/30/13	<u>GEB 342</u>	<u>Hilton M</u>	<u>20</u>
<u>61115</u>	109	<u>F2F</u>	MTWR---	08:00-10:30 AM	07/01/13	07/25/13	<u>CC 331</u>	<u>Schrag C</u>	<u>20</u>
<u>60448</u>	110	<u>F2F</u>	MTWR---	10:45-01:15 PM	07/01/13	07/25/13	<u>CC 325</u>	<u>Craig B</u>	<u>20</u>
<u>60804</u>	111	<u>F2F</u>	MTWR---	01:30-04:00 PM	07/01/13	07/25/13	<u>CC 325</u>	<u>Coupe K</u>	<u>20</u>
<u>60202</u>	112	<u>F2F</u>	MTWR---	06:00-08:30 PM	07/01/13	07/25/13	<u>SCI 118</u>	<u>Coupe K</u>	<u>20</u>
<u>61020</u>	200	<u>F2F</u>	MTWR---	12:30-01:45 PM	06/03/13	07/25/13	<u>KCO 003</u>	<u>Cramer D</u>	<u>20</u>
<u>60203</u>	201	<u>F2F</u>	MTWR---	06:00-08:30 PM	07/01/13	07/25/13	<u>OHEC 105</u>	<u>Patrick B</u>	<u>20</u>
<u>60758</u>	376	<u>HYB</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Easley T</u>	<u>15</u>
			---R---	10:45-01:15 PM	06/06/13	06/06/13	<u>CC 216</u>		
			---R---	10:45-01:15 PM	06/13/13	06/13/13	<u>CC 216</u>		
			---R---	10:45-01:15 PM	06/20/13	06/20/13	<u>CC 216</u>		
			---R---	10:45-01:15 PM	06/27/13	06/27/13	<u>CC 216</u>		

Note: SPD 121 376 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use ANGEL to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in ANGEL on the first day of class.

<u>60449</u>	377	<u>HYB</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Miller D</u>	<u>15</u>
			---R---	12:00-02:45 PM	06/06/13	06/06/13	<u>CC 318</u>		
			---R---	12:00-02:45 PM	06/13/13	06/13/13	<u>CC 318</u>		
			---R---	12:00-02:45 PM	06/20/13	06/20/13	<u>CC 318</u>		
			---R---	12:00-02:45 PM	06/27/13	06/27/13	<u>CC 318</u>		

Note: SPD 121 377 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use ANGEL to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

<u>60570</u>	378	<u>HYB</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Easley T</u>	<u>15</u>
			---R---	03:00-05:45 PM	06/06/13	06/06/13	<u>CC 216</u>		
			---R---	03:00-05:45 PM	06/13/13	06/13/13	<u>CC 216</u>		
			---R---	03:00-05:45 PM	06/20/13	06/20/13	<u>CC 216</u>		
			---R---	03:00-05:45 PM	06/27/13	06/27/13	<u>CC 216</u>		

Note: SPD 121 378 will incorporate the same content and expectations as the traditional on-campus course. In this hybrid online format, students will use ANGEL to complete assignments, quizzes and communication functions. Students will also attend four required on-campus class meetings to present their speeches. The course will be available in ANGEL on the first day of class.

<u>60609</u>	379	<u>HYB</u>	-----	-	06/03/13	06/27/13	<u>ONLINE</u>	<u>Miller D</u>	<u>15</u>
			---R---	03:00-05:45 PM	06/06/13	06/06/13	<u>CC 318</u>		
			---R---	03:00-05:45 PM	06/13/13	06/13/13	<u>CC 318</u>		
			---R---	03:00-05:45 PM	06/20/13	06/20/13	<u>CC 318</u>		
			---R---	03:00-05:45 PM	06/27/13	06/27/13	<u>CC 318</u>		

Note: SPD 121 379 is a hybrid course that will incorporate the same content and expectations as the traditional on-campus course. Students will use ANGEL to complete written assignments, testing and to communicate with the instructor and fellow students. In addition, attendance at four on-campus sessions to deliver speeches to fellow students and the instructor is required. A letter with more explanation will be sent, via JCCC stumail, to students approximately one week before the first day of class. For more information, contact the instructor, Deana Miller, at 913-469-8500, ext. 4522, or at demiller@jccc.edu.

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

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

Associated Costs: \$5 to 10

Credit Hours: 3

<u>CRN #</u>	<u>Days</u>	<u>Times</u>	<u>Start</u>	<u>End</u>	<u>Building</u>	<u>Instructor</u>	<u>Seats Open</u>
<u>60183</u>	001 <u>F2F</u>	MTWR---	09:30-10:44 AM	06/03/13	07/25/13	<u>CC 216</u>	<u>Mohr M</u>
							<u>22</u>



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

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

Associated Costs: \$5 to 10  
Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60840</u>	350 ONLINE -----	-	06/03/13	07/25/13	ONLINE	Gibbens M	15

Note: For more information, contact the instructor, Meridith Gibbens at mgibbens@jccc.edu.

## Theater (THEA)

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

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

Credit Hours: 3

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>60746</u>	001 F2F MTWR---	11:00-12:15 PM	06/03/13	07/25/13	CC 344	Noble T	35

### THEA 123 - Improvisation for the Theater

The student will be introduced to theater improvisation, which will emphasize creative stage activities not requiring a written script. Participation in activities of this course will release and enhance the work of serious acting students and show the students how to approach characterization viscerally rather than intellectually, spontaneously rather than intentionally. 2 hrs. lecture/wk.

Prerequisite: THEA 130

Credit Hours: 2

CRN #	Days	Times	Start	End	Building	Instructor	Seats Open
<u>61144</u>	001 F2F -T-R---	04:00-05:50 PM	06/04/13	07/25/13	CC BLBOX	Noble T	15

#### Additional Information

[IM - Live Chat - General Information](#)

[Steps to Enroll for Credit Classes](#)

[Calendar for Credit Students](#)

[JCCC Course Catalogs](#)

[Archived Course Schedules](#)