

## ***Course Equivalency Guide***

between

**Iowa State University**

515-294-5836

***www.iastate.edu***

and

**Johnson County Community College**

913-469-8500

***www.jccc.edu***

***Based on the Johnson County Community College 2021-2022 General Catalog and the 2021-2022 Iowa State University Bulletin***

## ***How to Read the Course Equivalency Guide***

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course that is directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course directly equivalent to the community college course, the department name is still listed with either a 1T\*\* or 2T\*\*. This shows it does transfer as either a freshman (1T\*\*) or sophomore (2T\*\*) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.
- A "z" after MATH 100 indicates the course will transfer to Iowa State but will not be used toward graduation from Iowa State University.
- CAREER/TECH means the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.
- "No Credit" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

**ACADEMIC ACHIEVEMENT CENTER**

AAC 082-099 By Title No Credit

**ACCOUNTING**

ACCT 111	Small Business Accounting	ACCT 1T**	3
*ACCT 121	Accounting I	ACCT 2T**	3
*ACCT 122	Accounting II	ACCT 2T**	3
<i>*When ACCT 121 and ACCT 122 are both taken, the courses will transfer as ACCT 284 (3) and ACCT 2T** (3).</i>			
ACCT 121H	Honors: Accounting I	ACCT 2T**	1
ACCT 122H	Honors: Accounting II	ACCT 2T**	1
ACCT 131-141	By Title	CAREER/TECH	
ACCT 215	Accounting for Nonprofit Organizations	ACCT 2T**	3
ACCT 222	Managerial Accounting	ACCT 285	3
ACCT 222H	Honors: Managerial Accounting	ACCT 2T**	1
ACCT 231	Intermediate Accounting I	ACCT 2T**	3
ACCT 232	Intermediate Accounting II	ACCT 2T**	3
ACCT 240	Fraud Examination	ACCT 2T**	3
ACCT 278	Accounting Internship	ACCT 2T**	1
ACCT 285	Accounting Capstone	ACCT 2T**	3
ACCT 292	Special Topics	CAREER/TECH	

**AUTOMATION ENGINEER TECHNOLOGY**

AET 110-260 By Title CAREER/TECH

**ANIMATION**

ANI 122-275 By Title CAREER/TECH

**ANTHROPOLOGY**

ANTH 125	Cultural Anthropology	ANTHR 201	3
ANTH 125H	Honors: Cultural Anthropology	ANTHR 2T**	1
ANTH 126	Physical Anthropology	ANTHR 202	3
ANTH 126H	Honors: Physical Anthropology	ANTHR 2T**	1
ANTH 130	World Cultures	ANTHR 1T**	3
ANTH 130H	Honors: World Cultures	ANTHR 1T**	1
ANTH 134	Native Americans	ANTHR 1T**	3
ANTH 134H	Honors: Native Americans	ANTHR 1T**	1
ANTH 135	American Indian Art	AM IN 1T**	3
ANTH 136	Contemp. American Indian Cultures/Societies	AM IN 1T**	3
ANTH 142	World Prehistory	ANTHR 1T**	3
ANTH 142H	Honors: World Prehistory	ANTHR 1T**	1
ANTH 144	Archaeology	ANTHR 1T**	3
ANTH 144H	Honors: Archaeology	ANTHR 1T**	1
ANTH 146	Archaeology of Ancient North America	ANTHR 1T**	3
ANTH 146H	Honors: Archaeology of Ancient North America	ANTHR 1T**	1
ANTH 150	People and Cultures of Mesoamerica	ANTHR 1T**	3
ANTH 150H	Honors: Peoples and Cultures of Mesoamerica	ANTHR 1T**	1
ANTH 153	Anthropology of the Paranormal & Supernatural	ANTHR 1T**	3
ANTH 160	Medical Anthropology	ANTHR 1T**	3
ANTH 165	Linguistic Anthropology	ANTHR 1T**	3
ANTH 205	Archaeological Field Methods	ANTHR 2T**	5

**ANTHROPOLOGY, continued**

ANTH 291	Independent Study	ANTHR 2T**	1-7
ANTH 292	Special Topics	ANTHR 2T**	1-3

**ARCHITECTURE**

ARCH 120	Introduction to Architecture	ARCH 1T**	3
ARCH 123	Architectural Principles	ARCH 1T**	3
ARCH 127	Introduction to Architectural Graphics	ARCH 1T**	4
ARCH 131	Architectural Graphics	ARCH 1T**	3
ARCH 140	Architectural Design	ARCH 1T**	3
ARCH 210	Design History and Society	ARCH 2T**	3
ARCH 220	Sustainability in the Built Environment	ARCH 2T**	3
ARCH 244	Architectural History Before the Modern Era	ARCH 2T**	3
ARCH 245	Architectural History: Modern	ARCH 2T**	3
ARCH 245H	Honors: Architectural History: Modern	ARCH 2T**	1
ARCH 250	Architectural Design Thinking	ARCH 2T**	3
ARCH 292	Special Topics	ARCH 2T**	1-3

**ART**

ART 124	Design 2D	ART 1T**	3
ART 127	Design 3D	ART 1T**	3
ART 129	Design Color	ART 1T**	3
ART 129H	Honors: Design Colors	ART 1T**	1
ART 130	Drawing I	ART 1T**	3
ART 131	Drawing II	ART 1T**	3
ART 135	Painting I	ART 1T**	3
ART 136	Painting II	ART 1T**	3
ART 138	Digital Imaging for Artists I	ART 1T**	3
ART 142	Ceramics I	ART 1T**	3
ART 143	Ceramics II	ART 1T**	3
ART 145	Sculpture I	ART 1T**	3
ART 146	Sculpture II	ART 1T**	3
ART 148	Metal and Silversmithing I	ART 1T**	3
ART 148H	Honors: Metal and Silversmithing I	ART 1T**	1
ART 149	Metal and Silversmithing II	ART 1T**	3
ART 172	Watercolor Painting	ART 1T**	3
ART 199	Fine Arts Symposium	ART 1T**	1
ART 231	Life Drawing I	ART 2T**	3
ART 232	Life Drawing II	ART 2T**	3
ART 235	Studio Workshop I	ART 2T**	3
ART 236	Studio Workshop II	ART 2T**	3
ART 238	Digital Imaging for Artists II	ART 2T**	3
ART 244	Ceramics Workshop I	ART 2T**	3
ART 291	Independent Study	ART 2T**	1-7
ART 292	Special Topics	ART 2T**	1-3

**ART HISTORY**

ARTH 180	Art History: Ancient to Medieval	ART H 280	3
ARTH 180H	Honors: Art History: Ancient to Renaissance	ART H 1T**	1
ARTH 182	Art History: Renaissance to Modern	ART H 281	3
ARTH 182H	Honors: Art History: Renaissance to Modern	ART H 1T**	1
ARTH 184	Art History: Twentieth Century	ART H 1T**	3
ARTH 184H	Honors: Art History: Twentieth Century	ART H 1T**	1

**ART HISTORY, continued**

ARTH 186	Art History: Introduction to Asian Art	ART H 1T**	3
ARTH 186H	Honors: Art History: Introduction to Asian Art	ART H 1T**	1
ARTH 188	History of Photography	ART H 1T**	3
ARTH 200	Women, Art, and Society	ART H 2T**	3
ARTH 292	Special Topics	ART H 2T**	3

**AMERICAN SIGN LANGUAGE**

ASL 120	Elementary Sign Language I	ASL 101	3
ASL 121	Elementary Sign Language II	ASL 102	3
ASL 122	Intermediate Sign Language I	ASL 201	3
ASL 123	Intermediate Sign Language II	ASL 202	3
ASL 135	Intro to American Sign Language Linguistics	ASL 1T**	3
ASL 145	Introduction to the Deaf Community	ASL 1T**	3
ASL 147	Fingerspelling I	CAREER/TECH	
ASL 150	American Sign Language Literature	ASL 1T**	3

**ASTRONOMY**

ASTR 120	Fundamentals of Astronomy	ASTRO 120	3
ASTR 122	Astronomy	ASTRO 120	3
		ASTRO 125L	1
ASTR 122H	Honors: Astronomy	ASTRO 1T**	1
ASTR 214	Introduction to Teaching Math and Science I	ASTRO 2T**	1
ASTR 215	Introduction to Teaching Math and Science II	ASTRO 2T**	1
ASTR 291	Independent Study	ASTRO 2T**	1-7

**AUTOMOTIVE TECHNOLOGY**

AUTO 114-291	By Title	CAREER/TECH	
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**HEALTH OCCUPATIONS**

AVHO 102-115	By Title	CAREER/TECH	
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**BIOLOGY**

BIOL 110	Nutrition for Life	FS HN 1T**	2
BIOL 121	Introductory Biology for Non-Majors	BIOL 101	4
BIOL 125	General Botany	BIOL 1T**	5
BIOL 125H	Honors: General Botany	BIOL 1T**	1
BIOL 127	General Zoology	BIOL 1T**	5
BIOL 130H	Honors: Environmental Science	ENSCI 1T**	1
BIOL 132	Introduction to Public Health	H S 1T**	3
BIOL 132H	Honors: Introduction to Public Health	H S 1T**	1
BIOL 135	Principles of Cell and Molecular Biology	BIOL 1T**	4
BIOL 135H	Honors: Principles of Cell and Molecular Biology	BIOL 1T**	1
BIOL 140	Human Anatomy	BIOL 1T**	4
BIOL 140H	Honors: Human Anatomy	BIOL 1T**	1
BIOL 144	Human Anatomy and Physiology	BIOL 155	5
BIOL 144H	Honors: Human Anatomy and Physiology	BIOL 1T**	1
BIOL 145	Human Anatomy and Physiology Dissection	BIOL 1T**	1
BIOL 150	Biology of Organisms	BIOL 1T**	5
BIOL 150H	Honors: Biology of Organisms	BIOL 1T**	1
BIOL 161	Introduction to Biotechnology	BIOL 1T**	4
BIOL 205	General Genetics	BIOL 2T**	4
BIOL 214	Introduction to Teaching Math and Science I	BIOL 2T**	1

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**BIOLOGY, continued**

BIOL 215	Introduction to Teaching Math and Science II	BIOL 2T**	1
BIOL 225	Human Physiology	BIOL 2T**	4
BIOL 225H	Honors: Human Physiology	BIOL 2T**	1
BIOL 227	Human Pathophysiology	BIOL 2T**	4
BIOL 227H	Honors: Human Pathophysiology	BIOL 2T**	1
BIOL 230	Microbiology	MICRO 2T**	3
BIOL 230H	Honors: Microbiology	MICRO 2T**	1
BIOL 231	Microbiology Lab	MICRO 2T**	2
BIOL 235	General Nutrition	FS HN 167	3
BIOL 235H	Honors: General Nutrition	FS HN 2T**	1
BIOL 240	General Pharmacology	BIOL 2T**	3
BIOL 291	Independent Study	BIOL 2T**	1-7

**BUSINESS LAW**

BLAW 261	Business Law I	ACCT 215	3
BLAW 263	Business Law II	ACCT 2T**	3

**BUSINESS OFFICE TECHNOLOGY**

BOT 101-275	By Title	CAREER/TECH	
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**BUSINESS ADMINISTRATION**

BUS 120	Management Attitudes and Motivation	MGMT 1T**	3
BUS 121	Introduction to Business	BUSAD 1T**	3
BUS 121H	Honors: Introduction to Business	BUSAD 1T**	1
BUS 123-123H	By Title	CAREER/TECH	
BUS 140	Principles of Supervision	MGMT 2T**	3
BUS 140H	Honors: Principles of Supervision	MGMT 2T**	1
BUS 141	Principles of Management	MGMT 2T**	3
BUS 141H	Honors: Principles of Management	MGMT 2T**	1
BUS 145	Small Business Management	CAREER/TECH	
BUS 150	Business Communication	ENGL 1T**	3
BUS 150H	Honors: Business Communication	ENGL 1T**	1
BUS 175	Business Professional Skills	CAREER/TECH	
BUS 215	Savings and Investments	FIN 2T**	3
BUS 215H	Honors: Savings and Investments	FIN 2T**	1
BUS 225	Human Relations	BUSAD 2T**	3
BUS 225H	Honors: Human Relations	BUSAD 2T**	1
BUS 235	Introduction to International Business	BUSAD 2T**	3
BUS 235H	Honors: Introduction to International Business	BUSAD 2T**	1
BUS 243	Human Resource Management	MGMT 2T**	3
BUS 243H	Honors: Human Resource Management	MGMT 2T**	1
BUS 270-292	Business Administration Internship	CAREER/TECH	

**COMPUTERS: DESKTOP PUBLISHING**

CDTP 135-291	By Title	CAREER/TECH	
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**CIVIL ENGINEERING TECHNOLOGY**

CET 105-271	By Title	CAREER/TECH	
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**CHEMISTRY**

CHEM 100	Preparation for Chemistry	CHEM 50	No Credit
CHEM 120	Chemistry in Society	CHEM 160	4

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### **CHEMISTRY, continued**

CHEM 122	Principles of Chemistry	CHEM 163	4
		CHEM 163L	1
CHEM 122H	Honors: Principles of Chemistry	CHEM 1T**	1
CHEM 124	General Chemistry I Lecture	CHEM 177	4
CHEM 124H	Honors: General Chemistry I Lecture	CHEM 1T**	1
CHEM 125	General Chemistry I Lab	CHEM 177L	1
CHEM 131	General Chemistry II Lecture	CHEM 178	4
CHEM 131H	Honors: General Chemistry II Lecture	CHEM 1T**	1
CHEM 132	General Chemistry II Lab	CHEM 178L	1
CHEM 140	Principles of Organic & Biological Chemistry	CHEM 231	4
		CHEM 231L	1
CHEM 214	Introduction to Teaching Math and Science I	CHEM 2T**	1
CHEM 215	Introduction to Teaching Math and Science II	CHEM 2T**	1
CHEM 220	Organic Chemistry I	CHEM 331	3
		CHEM 333L	2
CHEM 220H	Honors: Organic Chemistry I	CHEM 2T**	1
CHEM 221	Organic Chemistry II	CHEM 332	3
		CHEM 334L	2
CHEM 221H	Honors: Organic Chemistry II	CHEM 2T**	1
CHEM 250	Biochemistry	BBMB 2T**	4
CHEM 291	Independent Study	CHEM 2T**	1-7

### **COMPUTER INFORMATION SYSTEMS**

CIS 124	Intro to Computer Concepts and Applications	CAREER/TECH	
CIS 142	Beginning Programming Using Python	COM S 1T**	4
CIS 201	Introduction to Information Systems	CAREER/TECH	
CIS 204	Unix Scripting and Utilities	COM S 2T**	3
CIS 208	Mobile Application Development	CAREER/TECH	
CIS 240	Advanced Topics in Java	COM S 2T**	4
CIS 242	Introduction to System Design and Analysis	CAREER/TECH	
CIS 260	Database Management	COM S 2T**	4
CIS 264-292	By Title	CAREER/TECH	

### **CRIMINAL JUSTICE**

CJ 121	Introduction to Criminal Justice System	C J 240	3
CJ 122	Police Operations	CAREER/TECH	
CJ 124	Criminal Justice and Corrections	C J 1T**	3
CJ 127	Criminology	C J 242	3
CJ 130	Crime Prevention	CAREER/TECH	
CJ 133	Juvenile Behavior	C J 241	3
CJ 141	Criminal Law	C J 1T**	3
CJ 143-145	By Title	CAREER/TECH	
CJ 148	Physical and Sexual Violence Within the Family	HD FS 1T**	3
CJ 150	Criminal Procedure	C J 1T**	3
CJ 154	Fundamentals of Criminal Investigation	C J 1T**	3
CJ 170	Drugs and Crime	C J 1T**	3
CJ 180-201	By Title	CAREER/TECH	
CJ 215	Understanding Terrorism	C J 2T**	3
CJ 221	Forensic Science and Crime Scene Investigation	C J 220	3
CJ 223	The World of Crime	C J 2T**	3
CJ 228	Criminal Justice Communications	CAREER/TECH	
CJ 230	Criminal Behavior	C J 2T**	3

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**CRIMINAL JUSTICE, continued**

CJ 235	Community-Based Corrections	CAREER/TECH	
CJ 255	Ethics and Criminal Justice	C J 2T**	3
CJ 265	Advanced Police Training	CAREER/TECH	
CJ 275	Police Leadership	C J 2T**	3
CJ 285	Criminal Justice Internship	C J 2T**	3
CJ 291	Independent Study	C J 2T**	1-7
CJ 292	Special Topics	C J 2T**	1-3

**COSMETOLOGY**

CO 100-212	By Title	CAREER/TECH	
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**COLLEGE SUCCESS**

COLL 135	Career and Life Planning	U ST 1T**	3
COLL 150	Job Search Skills	U ST 1T**	1
COLL 174	Learning Strategies for Math	MATH 1T**	1
COLL 176	College Study Strategies	PSYCH 1T**	1
COLL 178	Memory Strategies	PSYCH 1T**	1
COLL 186	Exam Strategies	PSYCH 1T**	1
COLL 200	College Success Strategies	PSYCH 2T**	3

**COMMUNICATION STUDIES**

COMS 120	Interpersonal Communication	COMST 211	3
COMS 121	Public Speaking	SP CM 212	3
COMS 125	Personal Communication	COMM 1T**	3
COMS 130	Elementary Debate	SP CM 1T**	3
COMS 132	Intermediate Debate I	SP CM 1T**	3
COMS 155	Workplace Skills	COMST 1T**	1-2
COMS 180	Intercultural Communication	COMST 1T**	3
COMS 230	Intermediate Debate II	SP CM 2T**	3
COMS 235	Advanced Debate	SP CM 2T**	3
COMS 291	Independent Study	COMST 2T**	1-7
COMS 292	Special Topics	COMST 2T**	3

**COMPUTERS: PERSONAL COMPUTER APPLICATIONS**

CPCA 105-292	By Title	CAREER/TECH	
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**COMPUTER SCIENCE**

CS 134	Programming Fundamentals	COM S 1T**	4
CS 200	Concepts of Programming Algorithms Using C++	COM S 2T**	4
CS 201	Concepts of Programming Algorithms Using C#	COM S 2T**	4
CS 205	Concepts of Programming Algorithms Using Java	COM S 2T**	4
CS 210	Discrete Structures I	COM S 2T**	3
CS 210H	Honors: Discrete Structures I	COM S 2T**	1
CS 211	Discrete Structures II	COM S 2T**	3
CS 211H	Honors: Discrete Structures II	COM S 2T**	1
CS 235	Object-Oriented Programming Using C++	COM S 2T**	4
CS 236	Object-Oriented Programming Using C#	COM S 2T**	4
CS 250	Basic Data Structures Using C++	COM S 2T**	4
CS 255	Basic Data Structures Using Java	COM S 2T**	4

**DENTAL HYGIENE**

DHYG 121-291	By Title	CAREER/TECH	
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**DIETARY MANAGERS**

DIET 100-275 By Title CAREER/TECH

**DRAFTING TECHNOLOGY**

DRAF 120-291 By Title CAREER/TECH

**DATA SCIENCE**

DS 210	Introduction to Data Science	DS 201	3
DS 220	Data Visualization	DS 2T**	3
DS 230	SQL for Data Analysis	DS 2T**	3
DS 240	Introduction to Statistical Programming	COM S 2T**	3
DS 260	Data Mining	DS 2T**	3
DS 270	Introduction to Machine Learning	DS 2T**	3
DS 280	Big Data Architecture	DS 2T**	3

**ENGLISH FOR ACADEMIC PURPOSES**

EAP 074-097 By Title No Credit

**ECONOMICS**

ECON 132	Survey of Economics	ECON 1T**	3
ECON 132H	Honors: Survey of Economics	ECON 1T**	1
ECON 230	Principles of Macroeconomics	ECON 102	3
ECON 230H	Honors: Principles of Macroeconomics	ECON 2T**	1
ECON 231	Principles of Microeconomics	ECON 101	3
ECON 231H	Honors: Principles of Microeconomics	ECON 2T**	1

**EDUCATION**

EDUC 121	Introduction to Teaching	EDUC 204	3
EDUC 130	Foundations of Early Childhood Education	HD FS 1T**	3
EDUC 131	Early Childhood Curriculum I	HD FS 1T**	3
EDUC 210	Creative Experiences for Young Children	HD FS 2T**	3
EDUC 220	Survey of the Exceptional Child	SP ED 250	3
EDUC 221	Diversity, Equity, & Inclusion for K-12 Educators	EDUC 2T**	3
EDUC 224	Technology in Education for K-12 Educators	EDUC 201	3
EDUC 231	Early Childhood Curriculum II	HD FS 2T**	3
EDUC 234	Families in Society	HD FS 2T**	3
EDUC 250	Child Health, Safety, and Nutrition	HD FS 2T**	3
EDUC 260	Observing and Interacting With Young Children	HD FS 2T**	3
EDUC 285	Student Teaching: Early Childhood Education	HD FS 2T**	3
EDUC 291	Independent Study	EDUC 2T**	1-7

**ELECTRONICS**

ELEC 120-252 By Title CAREER/TECH

**ELECTRICAL TECHNOLOGY**

ELTE 110-271 By Title CAREER/TECH

**EMERGENCY MEDICAL SCIENCE**

EMS 121	CPR I - Basic Life Support for Healthcare Provider	H S 1T**	1
EMS 128-271	By Title	CAREER/TECH	



**ENGLISH**

ENGL 098-099	By Title		No Credit
ENGL 121	Composition I	ENGL 150	3
ENGL 121H	Honors: Composition I	ENGL 1T**	1
ENGL 122	Composition II	ENGL 250	3
ENGL 122H	Honors: Composition II	ENGL 2T**	1
ENGL 123	Technical Writing I	ENGL 1T**	3
ENGL 130	Introduction to Literature	ENGL 201	3
ENGL 130H	Honors: Introduction to Literature	ENGL 2T**	1
ENGL 140	Writing for Interactive Media	ENGL 1T**	3
ENGL 150	Digital Narratives	ENGL 1T**	3
ENGL 205	Bible as Literature	ENGL 2T**	3
ENGL 214	Environmental Literature	ENGL 2T**	3
ENGL 215	U.S. Latino and Latina Literature	ENGL 2T**	3
ENGL 217	Literature by Women	ENGL 2T**	3
ENGL 217H	Honors: Literature by Women	ENGL 2T**	1
ENGL 222	Advanced Composition	ENGL 2T**	3
ENGL 223	Introduction to Creative Writing	ENGL 2T**	3
ENGL 223H	Honors: Creative Writing	ENGL 2T**	1
ENGL 224	Creative Writing Workshop	ENGL 2T**	3
ENGL 224H	Honors: Creative Writing Workshop	ENGL 2T**	1
ENGL 225	Creative Writing Workshop: Fiction	ENGL 2T**	3
ENGL 227	Introduction to Poetry	ENGL 2T**	3
ENGL 230	Introduction to Fiction	ENGL 2T**	3
ENGL 230H	Honors: Introduction to Fiction	ENGL 2T**	1
ENGL 232	Children's Literature	HD FS 240	3
ENGL 232H	Honors: Children's Literature	HD FS 2T**	1
ENGL 235	Drama as Literature	ENGL 2T**	3
ENGL 236	British Literature to 1800	ENGL 225	3
ENGL 236H	Honors: British Literature to 1800	ENGL 2T**	1
ENGL 237	British Literature After 1800	ENGL 226	3
ENGL 237H	Honors: British Literature After 1800	ENGL 2T**	1
ENGL 243	Literature of Science Fiction	ENGL 2T**	3
ENGL 244	Literature of American Popular Music	ENGL 2T**	3
ENGL 246	American Literature I	ENGL 227	3
ENGL 247	American Literature II	ENGL 228	3
ENGL 251	World Literature to 1620	ENGL 2T**	3
ENGL 252	Introduction to Shakespeare	ENGL 2T**	3
ENGL 254	Masterpieces of the Cinema	ENGL 237	3
ENGL 254H	Honors: Masterpieces of Cinema	ENGL 2T**	1
ENGL 291	Independent Study	ENGL 2T**	1-3
ENGL 292	Special Topics	ENGL 2T**	3

**ENGINEERING**

ENGR 121	Engineering Orientation	ENGR 1T**	2
ENGR 131	Engineering Graphics I: AUTOCAD	ENGR 1T**	4
ENGR 251	Statics	C E 274	3
ENGR 254	Dynamics	M E 345	3
ENGR 254H	Honors: Dynamics	M E 2T**	1

**ENTREPRENEURSHIP**

ENTR 120-225	By Title	CAREER/TECH	
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**ENVIRONMENTAL SCIENCE**

EVRN 115	Natural History of Kansas	ENV S 1T**	3
EVRN 124	Oceanus: Essentials of Oceanography	ENV S 108	3
EVRN 130	Environmental Science	ENV S 173	3
EVRN 131	Environmental Science Lab	ENV S 1T**	1
EVRN 134	Principles of Sustainability	ENV S 220	3
EVRN 155	Bioethics	PHIL 1T**	3
EVRN 255	Freshwater Ecology	ENV S 2T**	4

**FASHION MERCHANDISING AND DESIGN**

FASH 121-296	By Title	CAREER/TECH	
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**FIRE SERVICES ADMINISTRATION**

FIRE 111-291	By Title	CAREER/TECH	
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**FOREIGN LANGUAGE**

FL 120	Elementary German I	GER 101	5
FL 121	Elementary German II	GER 102	5
FL 121H	Honors: Elementary German II	GER 1T**	1
FL 130	Elementary Spanish I	SPAN 101	5
FL 131	Elementary Spanish II	SPAN 102	5
FL 131H	Honors: Elementary Spanish II	SPAN 1T**	1
FL 135	Basic Spanish for Hospitality Management	CAREER/TECH	
FL 140	Elementary French I	FRNCH 101	5
FL 140H	Honors: Elementary French I	FRNCH 1T**	1
FL 141	Elementary French II	FRNCH 102	5
FL 141H	Honors: Elementary French II	FRNCH 1T**	1
FL 165	Elementary Chinese I	CHIN 1T**	5
FL 166	Elementary Chinese II	CHIN 1T**	5
FL 170	Elementary Japanese I	WLC 1T**	5
FL 171	Elementary Japanese II	WLC 1T**	5
FL 171H	Honors: Elementary Japanese II	WLC 1T**	1
FL 172	Conversational Japanese I	WLC 1T**	2
FL 182	Intermediate Japanese I	WLC 2T**	5
FL 183	Intermediate Japanese II	WLC 2T**	5
FL 184	Conversational Japanese II	WLC 2T**	2
FL 192	Intermediate Chinese I	CHIN 2T**	3
FL 193	Intermediate Chinese II	CHIN 2T**	3
FL 220	Intermediate German I	GER 201	3
FL 220H	Honors: Intermediate German I	GER 2T**	1
FL 221	Intermediate German II	GER 202	3
FL 221H	Honors: Intermediate German II	GER 2T**	1
FL 223	Conversational German	GER 2T**	2
FL 223H	Honors: Conversational German	GER 2T**	1
FL 230	Intermediate Spanish I	SPAN 201	3
FL 230H	Honors: Intermediate Spanish I	SPAN 2T**	1
FL 231	Intermediate Spanish II	SPAN 202	3
FL 231H	Honors: Intermediate Spanish II	SPAN 2T**	1
FL 234	Conversational Spanish	SPAN 2T**	2
FL 234H	Honors: Conversational Spanish	SPAN 2T**	1
FL 240	Intermediate French I	FRNCH 201	3
FL 240H	Honors: Intermediate French I	FRNCH 2T**	1
FL 241	Intermediate French II	FRNCH 202	3

JOHNSON COUNTY COMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
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**FOREIGN LANGUAGE, continued**

FL 241H	Honors: Intermediate French II	FRNCH 2T**	1
FL 243	Conversational French	FRNCH 2T**	2
FL 243H	Honors: Conversational French	FRNCH 2T**	1
FL 270	Intermediate American Sign Language I	ASL 201	3
FL 288	Spanish for Heritage/Adv Speakers of Spanish	SPAN 2T**	3
FL 291	Independent Study	WLC 2T**	1-7
FL 292	Special Topics	WLC 2T**	1-3

**FLORICULTURE**

FLR 130-250	By Title	CAREER/TECH	
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**FMS**

FMS 100	Intro to Film	HUM 1T**	3
FMS 200	Intro to Filmmaking and Media Aesthetics	JL MC 2T**	3
FMS 275	Introduction to Film and Media Production	JL MC 2T**	3
FMS 292	Special Topics	XXX 2T**	1-3

**GAME DEVELOPMENT**

GAME 102-292	By Title	CAREER/TECH	
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**GRAPHIC DESIGN**

GDES 120-291	By Title	CAREER/TECH	
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**GEOSCIENCE**

GEOS 130	General Geology	GEOL 100	4
		GEOL 100L	1
GEOS 130H	Honors: General Geology	GEOL 1T**	1
GEOS 140	Physical Geography	SCI 1T**	3
GEOS 140H	Honors: Physical Geography	SCI 1T**	1
GEOS 141	Physical Geography Lab	SCI 1T**	2
GEOS 145	World Regional Geography	S SCI 1T**	3
GEOS 145H	Honors: World Regional Geography	S SCI 1T**	1
GEOS 155	Human Geography	S SCI 1T**	3
GEOS 214	Introduction to Teaching Math and Science I	SCI 2T**	1
GEOS 215	Introduction to Teaching Math and Science II	SCI 2T**	1

**GLOBAL AND INTERNATIONAL STUDIES**

GIST 101	Study Abroad Reflections	INTST 1T**	1-3
GIST 250	Introduction to Globalization	ANTHR 2T**	3

**HEALTH CARE DELIVERY**

HC 101-130	By Title	CAREER/TECH	
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**HEALTH CARE INTERPRETING**

HCI 110-291	By Title	CAREER/TECH	
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**HEALTH CARE INFO SYSTEMS**

HCIS 225-277	By Title	CAREER/TECH	
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**HISTORY**

HIST 120	Local and Kansas History	HIST 1T**	3
HIST 125	Western Civ: Ancient-Renaissance	HIST 201	3

**HISTORY, continued**

HIST 125H	Honors: Western Civ: Ancient-Renaissance	HIST 1T**	1
HIST 126	Western Civ: Scientific Revolution-Modern Age	HIST 202	3
HIST 126H	Honors: Western Civ: Sci Revolution-Modern	HIST 1T**	1
HIST 128	Medieval History	HIST 1T**	3
HIST 129	Early Modern Europe 1500-1789	HIST 1T**	3
HIST 129H	Honors: Early Modern Europe 1500-1789	HIST 1T**	1
HIST 130	European History Since 1789	HIST 1T**	3
HIST 130H	Honors: European History Since 1789	HIST 1T**	1
HIST 132	History of Africa	AF AM 1T**	3
HIST 135	Eastern Civilization	HIST 1T**	3
HIST 137	African American Studies	AF AM 201	3
HIST 140	U.S. History to 1877	HIST 221	3
HIST 140H	Honors: U.S. History to 1877	HIST 2T**	1
HIST 141	U.S. History Since 1877	HIST 222	3
HIST 141H	Honors: U.S. History Since 1877	HIST 2T**	1
HIST 143	Ancient Greece, the Near East, and Egypt	HIST 1T**	3
HIST 145	History of Ancient Rome	HIST 1T**	3
HIST 145H	Honors: History of Ancient Rome	HIST 1T**	1
HIST 149	History of India	HIST 1T**	3
HIST 150	Islam: Religion and Civilization	HIST 1T**	3
HIST 151	World History: Traditional	HIST 1T**	3
HIST 152	World History: Modern	HIST 1T**	3
HIST 160	Modern Russian History	HIST 1T**	3
HIST 162	Modern Latin America	HIST 1T**	3
HIST 165	History of China	HIST 1T**	3
HIST 167	Introduction to History: Japan	HIST 1T**	3
HIST 180	North American Indian History	HIST 1T**	3
HIST 195	History of the Middle East	HIST 1T**	3
HIST 195H	Honors: History of Middle East	HIST 1T**	1
HIST 200	Eurasia: History and Cultures	HIST 2T**	3
HIST 210	Environmental History of North America	HIST 2T**	3
HIST 250	American West	HIST 2T**	3
HIST 260	Women in U.S. History	HIST 2T**	3
HIST 270	History Internship	HIST 2T**	3
HIST 291	Independent Study	HIST 2T**	1-7
HIST 292	Special Topics	HIST 2T**	1-3

**HOSPITALITY MANAGEMENT**

HMGMT 100-292 By Title CAREER/TECH

**HOSPITALITY MANAGEMENT PASTRY BAKING**

HMPB 155-262 By Title CAREER/TECH

**HONORS PROGRAM**

HON 100	Honors Seminar	U ST 1T**	1
HON 250	Honors Forum: In Search of Solutions	U ST 2T**	3
HON 250H	Honors: Honors Forum: In Search of Solutions	U ST 2T**	1
HON 291	Independent Study	U ST 2T**	1-7
HON 292	Special Topics	U ST 2T**	1-3

### HORTICULTURE

HORT 115	Home Horticulture	CAREER/TECH	
HORT 135	Landscape Design	HORT 1T**	3
HORT 140	Turfgrass I	HORT 1T**	3
HORT 150	Fruits, Vegetables, and Herb Crops	HORT 1T**	2
HORT 160	Garden Center Operations	HORT 1T**	3
HORT 165	Arboriculture	HORT 1T**	3
HORT 201	Intro to Horticultural Sciences	HORT 221	4
HORT 201H	Honors: Intro to Horticulture Sciences	HORT 2T**	1
HORT 205	Plant Propagation	HORT 2T**	3
HORT 214	Woody Plants, Deciduous	HORT 240	3
HORT 215	Woody Plants, Evergreens	HORT 2T**	3
HORT 220	Herbaceous Plants	HORT 2T**	3
HORT 225	Plant Problems	HORT 2T**	3
HORT 235	Landscape Maintenance and Techniques	HORT 2T**	3
HORT 240	Turfgrass II	HORT 2T**	3
HORT 255	Pest Management	ENT 2T**	3
HORT 260	Horticulture Soils	AGRON 182	3
HORT 265	Landscape Construction	HORT 2T**	3
HORT 270	Horticulture Internship	HORT 2T**	3
HORT 291	Independent Study	HORT 2T**	1-7

### PHYSICAL ED, HEALTH, AND RECREATION

HPER 100	Basketball (Beginning)	KIN 178	1
HPER 101	Basketball (Intermediate)	KIN 1T**	1
HPER 104	Yoga	KIN 1T**	1
HPER 106	Lifetime Sport	KIN 1T**	1
HPER 115	Soccer	KIN 185	1
HPER 117	Power Volleyball (Beginning)	KIN 182	1
HPER 118	Power Volleyball (Intermediate)	KIN 1T**	1
HPER 124	Tai Chi I	KIN 1T**	1
HPER 130	Running Awareness and Exercise	KIN 1T**	1
HPER 134	Weight Training (Beginning)	KIN 166	1
HPER 135	Weight Training (Intermediate)	KIN 1T**	1
HPER 137	Tennis (Beginning)	KIN 158	1
HPER 138	Tennis (Intermediate)	KIN 159	1
HPER 139	Pickleball	KIN 1T**	1
HPER 140	Modern Dance (Beginning)	DANCE 1T**	1
HPER 150	Aerobics (Beginning)	KIN 1T**	1
HPER 155	Ballet (Beginning)	DANCE 130	1
HPER 158	Jazz Dance (Beginning)	DANCE 1T**	1
HPER 172	Track and Field (Beginning)	KIN 1T**	1
HPER 174	Coaching and Officiating of Track and Field	KIN 1T**	2
HPER 175	Fencing	KIN 1T**	1
HPER 176	Self-Defense I	KIN 1T**	1
HPER 178	Performance Fitness I	KIN 1T**	1
HPER 179	Performance Fitness II	KIN 1T**	1
HPER 185	Archery	KIN 1T**	1
HPER 186	Fitness Assessment	KIN 1T**	2
HPER 187	CPAT Fitness Preparation	CAREER/TECH	
HPER 192	Wellness for Life	KIN 1T**	1
HPER 195	Introduction to Sports Medicine	A TR 1T**	3
HPER 200	First Aid and CPR	H S 105	2

**PHYSICAL ED, HEALTH, AND RECREATION, continued**

HPER 202	Personal Community Health	H S 110	3
HPER 204	Care and Prevention of Athletic Injury	A TR 220	3
HPER 208	Introduction to Exercise Physiology	KIN 2T**	3
HPER 209	Introduction to Kinesiology	KIN 2T**	3
HPER 211	Foundation of Fitness Training	KIN 2T**	3
HPER 215	Introduction to Exercise Science	KIN 2T**	3
HPER 220	Sports Officiating	KIN 2T**	3
HPER 224	Outdoor Recreation	KIN 2T**	3
HPER 225	Coaching Principles	KIN 2T**	3
HPER 240	Lifetime Fitness I	KIN 2T**	1
HPER 241	Lifetime Fitness II	KIN 2T**	1
HPER 242	Lifetime Fitness III	KIN 2T**	1
HPER 243	Lifetime Fitness IV	KIN 2T**	1
HPER 245	Elementary Physical Education	KIN 284	3
HPER 250	Introduction to Sports Management	KIN 2T**	3
HPER 251	Sport and Society	KIN 2T**	3
HPER 255	Introduction to Physical Education	KIN 2T**	3
HPER 291	Independent Study	KIN 2T**	1-7
HPER 292	Special Topics	KIN 2T**	1-3

**HUMANITIES**

HUM 122	Introduction to Humanities	HUM 1T**	3
HUM 122H	Honors: Introduction to Humanities	HUM 1T**	1
HUM 137	Introduction to Russian Culture	WLC 1T**	3
HUM 145	Introduction to World Humanities I	HUM 1T**	3
HUM 145H	Honors: Introduction to World Humanities I	HUM 1T**	1
HUM 146	Introduction to World Humanities II	HUM 1T**	3
HUM 146H	Honors: Introduction to World Humanities II	HUM 1T**	1
HUM 150	Islam: Religion & Civilization	HUM 1T**	3
HUM 155	Classical Mythology	CL ST 273	3
HUM 155H	Honors: Classical Mythology	CL ST 2T**	1
HUM 156	Contemporary Approaches to World Mythology	HUM 1T**	3
HUM 156H	Honors: Contemp. Approaches/World Mythology	HUM 1T**	1
HUM 165	Introduction to Chinese Culture	CHIN 272	3
HUM 165H	Honors: Introduction to Chinese Culture	CHIN 2T**	1
HUM 167	Introduction to Japanese Culture	WLC 2T**	3
HUM 167H	Honors: Introduction to Japanese Culture	WLC 2T**	1
HUM 291	Independent Study	HUM 2T**	1-7
HUM 292	Special Topics	HUM 2T**	1-3

**HEATING, VENTILATION, AND AIR CONDITIONING TECHNOLOGY**

HVAC 105-280 By Title CAREER/TECH

**INDUSTRIAL TECHNOLOGY**

INDT 125-150 By Title CAREER/TECH

**INTERNATIONAL STUDIES ABROAD**

ISAP 200 Study Abroad XXX 2T\*\* 1-20

**INFORMATION TECHNOLOGY**

IT 120-292 By Title CAREER/TECH

**INTERIOR DESIGN**

ITMD 121-291 By Title CAREER/TECH

**JOURNALISM AND MASS COMMUNICATION**

JOUR 120	Mass Media and Society	JL MC 101	3
JOUR 120H	Honors: Mass Media and Society	JL MC 1T**	1
JOUR 122	News Writing and Reporting	JL MC 1T**	3
JOUR 122H	Honors: News Writing and Reporting	JL MC 1T**	1
JOUR 125	Fundamentals of Advertising	ADVRT 1T**	3
JOUR 125H	Honors: Fundamentals of Advertising	ADVRT 1T**	1
JOUR 127	Introduction to Broadcasting	JL MC 1T**	3
JOUR 130	Principles of Public Relations	P R 220	3
JOUR 145	Photojournalism	JL MC 1T**	3
JOUR 202	Broadcast Performance	JL MC 2T**	3
JOUR 207	Radio Production	JL MC 2T**	3
JOUR 220	International Media	JL MC 2T**	3
JOUR 222	Advanced Reporting	JL MC 2T**	3
JOUR 225	Promotional Writing	JL MC 2T**	3
JOUR 227	Basic Video Production	JL MC 2T**	3
JOUR 242	Advanced Broadcast Performance: TV	JL MC 2T**	3
JOUR 247	Advanced Video Production	JL MC 2T**	3
JOUR 252	Advanced Broadcast Performance II: TV	JL MC 2T**	3
JOUR 257	Advanced Video Production II	JL MC 2T**	3
JOUR 267	Advanced Video Production III	JL MC 2T**	3
JOUR 269	Journalism Internship	JL MC 2T**	1
JOUR 270	Journalism Internship	JL MC 2T**	2
JOUR 271	Journalism Internship	JL MC 2T**	3
JOUR 291	Independent Study	JL MC 2T**	1-7
JOUR 292	Special Topics	JL MC 2T**	1-3

**LEGAL STUDIES**

LAW 120	Introduction to Paralegal Studies	CAREER/TECH	
LAW 121	Introduction to Law	C J 1T**	3
LAW 132-292	By Title	CAREER/TECH	

**LEADERSHIP DEVELOPMENT**

LEAD 130	Leadership & Civic Engagement	U ST 1T**	3
LEAD 291	Independent Study	XXX 2T**	1-7

**LEGAL INTERPRETING**

LI 130-180 By Title CAREER/TECH

**LIBRARY**

LIBR 125 Introduction to Library Research LIB 160 1

**MATHEMATICS**

MATH 011-014	By Title		No Credit
MATH 015	Elementary Algebra	MATH 25	No Credit
*MATH 116	Intermediate Algebra	MATH 100Z	3
<i>*Transfer credit in Math 100Z does not count toward graduation.</i>			

MATH 118	Geometry		No Credit
MATH 120-131	By Title	CAREER/TECH	

**MATHEMATICS, continued**

MATH 165	Finite Mathematics	MATH 1T**	3
MATH 171	College Algebra	MATH 140	3
MATH 171H	Honors: College Algebra	MATH 1T**	1
MATH 172	Trigonometry	MATH 1T**	3
MATH 172H	Honors: Trigonometry	MATH 1T**	1
MATH 173	Precalculus	MATH 1T**	5
MATH 173H	Honors: Precalculus	MATH 1T**	1
MATH 175	Discrete Mathematics and its Applications	MATH 1T**	3
MATH 181	Statistics	STAT 104	3
MATH 181H	Honors: Statistics	STAT 1T**	1
MATH 191	Math and Physics for Games I	MATH 1T**	4
MATH 191H	Honors: Math and Physics for Games I	MATH 1T**	1
MATH 210	Math for Elementary Teachers I	MATH 195	3
MATH 212	Math for Elementary Teachers II	MATH 196	3
MATH 214	Introduction to Teaching Math and Science I	MATH 2T**	1
MATH 215	Introduction to Teaching Math and Science II	MATH 2T**	1
MATH 231	Business and Applied Calculus I	MATH 150	3
MATH 231H	Honors: Business and Applied Calculus I	MATH 1T**	1
MATH 232	Business and Applied Calculus II	MATH 151	3
MATH 232H	Honors: Business and Applied Calculus II	MATH 1T**	1
MATH 241	Calculus I	MATH 165	5
MATH 241H	Honors: Calculus I	MATH 1T**	1
MATH 242	Calculus II	MATH 166	5
MATH 242H	Honors: Calculus II	MATH 1T**	1
MATH 243	Calculus III	MATH 265	5
MATH 243H	Honors: Calculus III	MATH 2T**	1
MATH 246	Elementary Linear Algebra	MATH 2T**	3
MATH 246H	Honors: Elementary Linear Algebra	MATH 2T**	1
MATH 254	Differential Equations	MATH 267	4
MATH 254H	Honors: Differential Equations	MATH 2T**	1
MATH 285	Statistics for Business	STAT 2T**	4
MATH 290	Independent Study	MATH 2T**	1-7
MATH 292	Special Topics	MATH 2T**	1-3

**METAL FABRICATION**

MFAB 124-291 By Title CAREER/TECH

**MED INFO & REVENUE MANAGEMENT**

MIRM 140-148 By Title CAREER/TECH

**MARKETING/RETAIL MANAGEMENT**

MKT 121-221	By Title	CAREER/TECH	
MKT 230	Marketing	MKT 2T**	3
MKT 230H	Honors: Marketing	MKT 2T**	1
MKT 234-292	By Title	CAREER/TECH	

**MUSIC**

MUS 121	Introduction to Music Listening	MUSIC 102	3
MUS 123	Introduction to Music Fundamentals	MUSIC 1T**	2
MUS 124	Basic Music for the Elementary Classroom	MUSIC 265	2
MUS 125	Introduction to Jazz Listening	MUSIC 1T**	3
MUS 126	Introduction to World Music	MUSIC 1T**	3



**MUSIC, continued**

MUS 128	History of Rock and Roll Music	MUSIC 1T**	3
MUS 131-132	Sight-Singing and Ear Training I & II	MUSIC 1T**	2 each
MUS 141	Music Theory: Harmony I	MUSIC 1T**	3
MUS 141H	Honors: Music Theory: Harmony I	MUSIC 1T**	1
MUS 142	Music Theory: Harmony II	MUSIC 1T**	3
MUS 143	Music Theory: Harmony III	MUSIC 1T**	3
MUS 145	Jazz/Commercial Music Theory I	MUSIC 1T**	3
MUS 151-154	Mixed Vocal Ensemble I-IV	MUSIC 1T**	1 each
MUS 155	Introduction to the Recording Studio	MUSIC 1T**	2
MUS 156	MIDI Music Composition	MUSIC 1T**	3
MUS 157	Introduction to Digital Audio	MUSIC 1T**	3
MUS 158-159	Recording Studio I & II	MUSIC 1T**	4 each
MUS 160	Recording Studio Lab	MUSIC 1T**	2
MUS 161-162	Chamber Choir I & II	MUSIC 1T**	1 each
MUS 162H	Honors: Chamber Choir II	MUSIC 1T**	1
MUS 163-164	Chamber Choir III & IV	MUSIC 1T**	1 each
MUS 165	Music Composition I	MUSIC 1T**	1
MUS 169	Voice Class I	MUSIC 1T**	2
MUS 170	Voice Class II	MUSIC 1T**	2
MUS 175	Songwriting	MUSIC 1T**	2
MUS 176-179	Jazz Band I-IV	MUSIC 1T**	1 each
MUS 185	Live Sound Production I	MUSIC 1T**	3
MUS 186	Live Sound Production II	MUSIC 1T**	3
MUS 187-188	Jazz Improvisation I & II	MUSIC 1T**	2 each
MUS 191-194	Concert Band I-IV	MUSIC 1T**	1 each
MUS 195-196	Vocal Jazz Ensemble I & II	MUSIC 1T**	1 each
MUS 201-204	Chamber Ensemble I-IV	MUSIC 2T**	1 each
MUS 221-223	Piano Class I-III	MUSIC 2T**	2 each
MUS 226-227	Applied Guitar I & II (Class)	MUSIC 2T**	1 each
MUS 231-234	Applied Voice I-IV (Private)	MUSIC 2T**	1 each
MUS 236-239	Applied Piano I-IV (Private)	MUSIC 2T**	1 each
MUS 241-244	Applied Guitar I-IV (Private)	MUSIC 2T**	1 each
MUS 246-249	Applied Classical Guitar I-IV (Private)	MUSIC 2T**	1 each
MUS 251-252	Applied Brass I-II (Private)	MUSIC 2T**	1 each
MUS 256-259	Applied Percussion I-IV (Private)	MUSIC 2T**	1 each
MUS 261-264	Applied Woodwind I-IV (Private)	MUSIC 2T**	1 each
MUS 291	Independent Study	MUSIC 2T**	1-7

**NEURODIAGNOSTIC TECHNOLOGY**

NDT 125-256	By Title	CAREER/TECH
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**NURSING**

NURS 100-291	By Title	CAREER/TECH
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**PUBLIC HEALTH**

PH 142-162	By Title	CAREER/TECH
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**PHILOSOPHY**

PHIL 121	Introduction to Philosophy	PHIL 201	3
PHIL 121H	Honors: Introduction to Philosophy	PHIL 2T**	1
PHIL 124	Logic and Critical Thinking	PHIL 206	3
PHIL 124H	Honors: Logic and Critical Thinking	PHIL 2T**	1

**PHILOSOPHY, continued**

PHIL 128	Environmental Ethics	PHIL 1T**	3
PHIL 140	Business Ethics	PHIL 1T**	3
PHIL 142	History of Asian Philosophy	PHIL 1T**	3
PHIL 143	Ethics	PHIL 230	3
PHIL 143H	Honors: Ethics	PHIL 2T**	1
PHIL 154	History of Ancient Philosophy	PHIL 1T**	3
PHIL 155	Bioethics	PHIL 1T**	3
PHIL 155H	Honors: Bioethics	PHIL 1T**	1
PHIL 176	Philosophy of Religion	PHIL 1T**	3
PHIL 177	Feminist Theory	PHIL 1T**	3
PHIL 210	History of Modern Philosophy	PHIL 2T**	3
PHIL 292	Special Topics	PHIL 2T**	3

**PHOTOGRAPHY**

PHOT 100-293	By Title	CAREER/TECH	
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**PHYSICS**

PHYS 130	College Physics I	PHYS 131	4
		PHYS 131L	1
PHYS 130H	Honors: College Physics I	PHYS 1T**	1
PHYS 131	College Physics II	PHYS 132	4
		PHYS 132L	1
PHYS 133	Applied Physics	CAREER/TECH	
PHYS 191	Math and Physics for Games I	PHYS 1T**	4
PHYS 191H	Honors: Math and Physics for Games I	PHYS 1T**	1
PHYS 214	Introduction to Teaching Math and Science I	PHYS 2T**	1
PHYS 215	Introduction to Teaching Math and Science II	PHYS 2T**	1
PHYS 220	Engineering Physics I	PHYS 231	4
		PHYS 231L	1
PHYS 221	Engineering Physics II	PHYS 232	4
		PHYS 232L	1

**PLUMBING**

PLUM 110-280	By Title	CAREER/TECH	
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**PRACTICAL NURSING**

PN 125-175	By Title	CAREER/TECH	
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**POLITICAL SCIENCE**

POLS 122	Political Science	POL S 1T**	3
POLS 122H	Honors: Political Science	POL S 1T**	1
POLS 124	American National Government	POL S 215	3
POLS 124H	Honors: American National Government	POL S 2T**	1
POLS 126	State and Local Government	POL S 1T**	3
POLS 132	Intro to Comparative Government	POL S 241	3
POLS 132H	Honors: Intro to Comparative Government	POL S 2T**	1
POLS 135	International Relations	POL S 251	3
POLS 135H	Honors: International Relations	POL S 2T**	1
POLS 175	Environmental Policy and Law	ENV S 1T**	3
POLS 192	Political Theory	POL S 1T**	3
POLS 200	Model United Nations	POL S 2T**	3
POLS 200H	Honors: Model United Nations	POL S 2T**	1

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**POLITICAL SCIENCE, continued**

POLS 220	Introduction to Public Policy	POL S 2T**	3
POLS 245	Introduction to Public Administration	POL S 2T**	3
POLS 270	Political Science Internship	POL S 2T**	3
POLS 291	Independent Study		1-7

**PHYSICAL SCIENCE**

PSCI 120	Physical Science	SCI 1T**	4
PSCI 214	Introduction to Teaching Math and Science I	SCI 2T**	1
PSCI 215	Introduction to Teaching Math and Science II	SCI 2T**	1

**PSYCHOLOGY**

PSYC 121	Applied Psychology	PSYCH 1T**	3
PSYC 130	Introduction to Psychology	PSYCH 101	3
PSYC 130H	Honors: Introduction to Psychology	PSYCH 1T**	1
PSYC 205	Human Sexuality	HD FS 276	3
PSYC 209	Statistics in Psychological Research	PSYCH 2T**	3
PSYC 210	Research Methods in Psychology	PSYCH 2T**	3
PSYC 215	Child Development	PSYCH 2T**	3
PSYC 215H	Honors: Child Development	PSYCH 2T**	1
PSYC 218	Human Development	PSYCH 230	3
PSYC 218H	Honors: Human Development	PSYCH 2T**	1
PSYC 220	Social Psychology	PSYCH 280	3
PSYC 220H	Honors: Social Psychology	PSYCH 2T**	1
PSYC 225	Educational Psychology	PSYCH 2T**	3
PSYC 250	Health Psychology	PSYCH 2T**	3
PSYC 250H	Honors: Health Psychology	PSYCH 2T**	1
PSYC 291	Independent Study	PSYCH 2T**	1-7
PSYC 292	Special Topics	PSYCH 2T**	3

**RESPIRATORY CARE**

RC 120-272	By Title	CAREER/TECH	
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**READING**

RDG 096	Academic Reading		No Credit
RDG 127	College Reading Skills	ENGL 1T**	3

**RELIGION**

REL 120	Exploring World Religions	RELIG 205	3
REL 120H	Honors: Exploring World Religions	RELIG 2T**	1
REL 125	Religions of the East	RELIG 1T**	3
REL 125H	Honors: Religions of the East	RELIG 1T**	1
REL 126	Religions of the West	RELIG 1T**	3
REL 150	Islam: Religion & Civilization	RELIG 1T**	3
REL 150H	Honors: Islam: Religion and Civilization	RELIG 1T**	1
REL 292	Special Topics	RELIG 1T**	3

**RAILROAD ELECTRONICS**

RREL 110-116	By Title	CAREER/TECH	
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**RAILROAD INDUSTRIAL TECHNOLOGY**

RRIT 132-168	By Title	CAREER/TECH	
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**RAILROAD OPERATIONS**

RRT 100-291 By Title CAREER/TECH

**RAILROAD CONDUCTOR**

RRTC 123-267 By Title CAREER/TECH

**SUSTAINABLE AGRICULTURE**

SAG 245	Principles of Sustainable Market Farming	AGRON 2T**	3
SAG 272	Sustainable Agriculture Fall Practicum	AGRON 2T**	2
SAG 274	Sustainable Agriculture Spring Practicum	AGRON 2T**	2
SAG 276	Sustainable Agriculture Summer Practicum	AGRON 2T**	2

**SCIENCE**

SCI 292	Special Topics	SCI 2T**	3
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**SOCIOLOGY**

SOC 122	Introduction to Sociology	SOC 134	3
SOC 122H	Honors: Introduction to Sociology	SOC 1T**	1
SOC 125	Social Problems	SOC 235	3
SOC 125H	Honors: Social Problems	SOC 2T**	1
SOC 127	Criminology	C J 242	3
SOC 131	Sociology of Families	SOC 219	3
SOC 131H	Honors: Sociology of Families	SOC 2T**	1
SOC 146	Intro to Social Work and Social Welfare	SOC 1T**	3
SOC 147	Social Work and Social Justice	SOC 1T**	3
SOC 165	Contemporary Chinese Society	CHIN 1T**	3
SOC 180	Inequality and Diversity in the United States	SOC 1T**	3
SOC 205	Sociology of Food	SOC 2T**	3
SOC 240	Sociology of Community	SOC 2T**	3
SOC 270	Men and Masculinities	SOC 2T**	3
SOC 291	Independent Study	SOC 2T**	1-7
SOC 292	Special Topics	SOC 2T**	3

**THEATRE**

THEA 120	Introduction to Theater	THTRE 106	3
THEA 120H	Honors: Introduction to Theater	THTRE 1T**	1
THEA 121	Fundamentals of Acting	THTRE 1T**	3
THEA 121H	Honors: Fundamentals of Acting	THTRE 1T**	1
THEA 123	Improvisation for the Theater	THTRE 1T**	2
THEA 130	Acting I	THTRE 251	3
THEA 130H	Honors: Acting I	THTRE 2T**	1
THEA 131	Voice and Speech	THTRE 1T**	3
THEA 133	Technical Practicum I	THTRE 1T**	1
THEA 134	Performance Practicum I	THTRE 1T**	1
THEA 135	Stage Makeup	THTRE 1T**	2
THEA 136	Costume Construction	THTRE 1T**	3
THEA 137	Movement for the Stage	THTRE 1T**	3
THEA 140	Basic Stagecraft	THTRE 1T**	3
THEA 145	Introduction to Theater Design	THTRE 1T**	3
THEA 209	Script Analysis	THTRE 263	3
THEA 225	Reader's Theater	THTRE 2T**	3
THEA 230	Acting II	THTRE 2T**	3
THEA 230H	Honors: Acting II	THTRE 2T**	1

**THEATRE, continued**

THEA 231	Speech for the Actor	THTRE 2T**	3
THEA 232	Intro to Stage Directing and Management	THTRE 2T**	3
THEA 233	Technical Practicum II	THTRE 2T**	1
THEA 245	Introduction to Scene Design	THTRE 2T**	3
THEA 250	Introduction to Costume Design	THTRE 2T**	3
THEA 260	Introduction to Light, Sound, and Projections	THTRE 2T**	3
THEA 291	Independent Study	THTRE 2T**	1-7
THEA 292	Special Topics	THTRE 2T**	3

**WEB DEVELOPMENT AND DIGITAL MEDIA**

WEB 110-294	By Title	CAREER/TECH	
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**WOMEN AND GENDER STUDIES**

WGS 201	Global Women's Studies	WGS 201	3
WGS 220	The Many Women of Islam	WGS 2T**	3