

Course Equivalency Guide

between

Iowa State University
800 262-3810
www.iastate.edu

and

Kirkwood Community College
800 332-2055
www.kirkwood.edu

***Based on the Kirkwood Community College 2019-2020 General Catalog and the
2019-2020 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 that is directly equivalent to the community college course, the department name is still listed with either a 1T** or 2T**. This shows that it does transfer as either a freshman (1T**) or a 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 that the course will transfer to Iowa State, but will not be used toward graduation from Iowa State University.
- CAREER/TECH means that 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.
- "NC" in the credit column indicates that the course does not transfer to Iowa State University. In most cases the course is developmental in nature.

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

ACCOUNTING

ACC111	Introduction to Accounting	CAREER/TECH	
ACC152	Financial Accounting	ACCT 284	4
ACC156	Managerial Accounting	ACCT 285	4
ACC222	Cost Accounting	ACCT 2T**	4
ACC231	Intermediate Accounting I	ACCT 2T**	4
ACC232	Intermediate Accounting II	ACCT 2T**	4
ACC265	Income Tax Accounting	ACCT 2T**	4
ACC313-949	By Title	CAREER/TECH	

ADMINISTRATIVE ASSISTANT

ADM015-928	By Title	CAREER/TECH	
------------	----------	-------------	--

ASSOCIATE DEGREE NURSING

ADN171-924	By Title	CAREER/TECH	
------------	----------	-------------	--

AGRICULTURE - AGRONOMY

AGA114	Principles of Agronomy	AGRON 181	3
AGA154	Fundamentals of Soil Science	AGRON 182	3
AGA165	Agricultural Fertilizers and Chemicals	ENT 283	3
AGA170	Fertilizer Management	AGRON 2T**	3
AGA209	Row Crop Production	AGRON 2T**	3
AGA216	Row Crop and Forage Production	CAREER/TECH	
AGA217	Field Crop Harvesting and Drying	AGRON 2T**	3
AGA219-376	By Title	CAREER/TECH	
AGA381	Crop Scouting	AGRON 2T**	3
AGA948	Special Projects: Agronomy	CAREER/TECH	

AGRICULTURE - FARM MANAGEMENT

AGB101	Agricultural Economics	CAREER/TECH	
AGB133	Introduction to Ag Business	ECON 1T**	3
AGB235	Introduction to Agriculture Markets	ECON 235	3
AGB252-325	By Title	CAREER/TECH	
AGB330	Farm Business Management	ECON 230	3
AGB331	Entrepreneurship in Agriculture	ECON 2T**	3
AGB336	Agricultural Selling	ECON 336	3
AGB466	Agricultural Finance	ECON 1T**	3
AGB470	Farm Records, Accounts, Analysis	ECON 1T**	3

AGRICULTURE - COMPREHENSIVE

AGC 103	Ag Computer	TSM 1T**	3
AGC115-210	By Title	CAREER/TECH	
AGC313	Leadership in Agriculture	AGEDS 1T**	1
AGC314-924	By Title	CAREER/TECH	
AGC932	Internship	ECON 297	2-6

AGRICULTURE - EQUINE

AGE104-295	By Title	CAREER/TECH	
------------	----------	-------------	--

AGRICULTURE - HORTICULTURE

AGH102	Horticulture Math	CAREER/TECH	
AGH110	Success in Horticulture	HORT 1T**	1

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

AGRICULTURE - HORTICULTURE, continued

AGH112	Introduction to Turfgrass Management	HORT 1T**	3
AGH131	Greenhouse Management	HORT 2T**	3
AGH144	Landscape Construction and Design	HORT 1T**	3
AGH150	Equipment Operations Lab	HORT 1T**	1
AGH152	Landscape Design Techniques	HORT 3T**	3
AGH156	Landscape Design II	HORT 3T**	3
AGH157	Equipment Operations	HORT 1T**	2
AGH158	Computer Applications for Landscape Industry	HORT 2T**	2
AGH162-164	Landscape Construction and Lab	CAREER/TECH	
AGH166	Turfgrass and Landscape Irrigation	HORT 2T**	3
AGH167	Introduction to Landscape Computer Design	HORT 1T**	4
AGH168	Hardscape Design	HORT 1T**	2
AGH200	Landscape Estimating and Bidding	HORT 2T**	2
AGH211	Advanced Turfgrass Management	HORT 3T**	3
AGH220	Plant Identification Suite I	HORT 2T**	3
AGH221	Principles of Horticulture	HORT 221	3
AGH233	Plant Propagation I	HORT 322	3
AGH236	Plant Material Maintenance	HORT 3T**	3
AGH238	Soil and Water Conservation	AGRON 1T**	3
AGH240	Plant Identification Suite II	HORT 240	3
AGH253	Insects and Diseases	ENT 2T**	3
AGH262-264	By Title	CAREER/TECH	
AGH275	Commercial Plant Production	HORT 2T**	3
AGH282	Pesticide Application Certification - Horticulture	HORT 283	1
AGH283	Pesticide Application Certification	HORT 2T**	2
AGH293	Landscape Business Operations	HORT 2T**	2
AGH300	Hardscape Installation Techniques	HORT 2T**	3
AGH301	Sustainable Site Management	HORT 2T**	2
AGH302	Advanced Landscape Design	CAREER/TECH	
AGH303	Sustainable Site Management	HORT 2T**	3
AGH304	Hardscape Installation	HORT 2T**	4
AGH400	Athletic Field Maintenance	HORT 2T**	3
AGH405	Golf Course Maintenance	HORT 2T**	3
AGH445	Turfgrass Management and Administration	HORT 2T**	3
AGH460	Design Capstone	HORT 2T**	2
AGH465	Turf and Landscape Capstone	HORT 2T**	3
AGH490	Turfgrass Capstone	HORT 2T**	3
AGH948	Special Projects	CAREER/TECH	

AGRICULTURE - MECHANICS

AGM113-932	By Title	CAREER/TECH	
------------	----------	-------------	--

AGRICULTURE - NATURAL RESOURCES/FORESTRY

AGN105	Applications of Natural Resources	CAREER/TECH	
AGN132	Plant Management for Parks	NREM 1T**	3
AGN140	Native Plants	NREM 256	3
AGN220	Avian Wildlife	A ECL 2T**	3
AGN223	Aquatic Wildlife	A ECL 2T**	3
AGN226	Mammalian Wildlife	A ECL 2T**	3
AGN235	Park and Recreation Administration	NREM 2T**	3
AGN240	Natural Resources Interpretation	NREM 2T**	3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

AGRICULTURE - NATURAL RESOURCES/FORESTRY, continued

AGN244	Wildlife Management	A ECL 2T**	3
AGN248	Natural Resources Appreciation	NREM 2T**	3
AGN250	Park Maintenance Programs	NREM 2T**	3
AGN260	Wildland Firefighter Training	NREM 2T**	3
AGN270	Watershed Assessment and Management	NREM 2T**	3
AGN280	Introduction to Forestry	CAREER/TECH	
AGN300	Rain Gardens and Bioretention Cells	NREM 2T**	3
AGN310	Rainwater Harvesting Systems	NREM 2T**	3

AGRICULTURE - PRECISION AG

AGP143	Fundamentals of Electricity for GPS	CAREER/TECH	
AGP329	Introduction to GPS	TSM 1T**	3
AGP333	Precision Farming Systems	TSM 2T**	3
AGP405	Ag Applications of GIS	TSM 1T**	3
AGP420-440	By Title	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS113	Survey of the Animal Industry	AN S 114	2
	Survey of the Animal Industry Lab	AN S 101	1
AGS214	Domestic Animal Physiology	AN S 214	3
AGS220	Domestic Animal Physiology Lab	AN S 214L	1
AGS279	Livestock Merchandising	CAREER/TECH	
AGS305	Livestock Evaluation	AN S 2T**	3
AGS307	Professional Horse Judging	CAREER/TECH	
AGS319	Animal Nutrition	AN S 2T**	3
AGS338	Livestock Behavior and Welfare	AN S 2T**	5
AGS350	Artificial Insemination of Cattle	CAREER/TECH	
AGS425	Swine Systems Management	AN S 3T**	3
AGS441	Livestock Housing and Equipment	AN S 2T**	3
AGS530	Swine Reproduction and Management	AN S 3T**	5
AGS550	Beef Breeding/Reproduction/Nutrition	AN S 226	5
AGS551	Beef Science Management	AN S 1T**	3
AGS555	Beef/Cow Calf Production	AN S 2T**	3
AGS560	Beef Industry and Feedlot Management	AN S 2T**	5
AGS948	Special Projects	CAREER/TECH	

AGRICULTURE - VET TECH

AGV101-120	By Title	CAREER/TECH	
AGV126	Animal Anatomy and Physiology I	AN S 2T**	3
AGV127	Animal Anatomy and Physiology II	AN S 214	3
		AN S 214L	1
AGV140-948	By Title	CAREER/TECH	

ANTHROPOLOGY

ANT105	Cultural Anthropology	ANTHR 201	3
ANT924	Honors Project	ANTHR 2T**	1

APPAREL MERCHANDISING

APP120	Apparel Visual Merchandising	A M D 1T**	3
APP130	Principles of Fashion Merchandising	A M D 131	3
APP140	Fashion History	A M D 1T**	3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

APPAREL MERCHANDISING, continued

APP160	Sewn Product Analysis	A M D 1T**	3
APP170	Fashion Trends and Consumer Analysis	A M D 165	3
APP210	Apparel Textiles	A M D 1T**	3
APP215	Sustainability in the Apparel & Textiles Industry	A M D 2T**	3
APP220	Fashion Show Procedures	CAREER/TECH	
APP240	Fashion Design	A M D 1T**	3
APP270	Fashion Buying	A M D 2T**	3
APP924	Honors Project	A M D 2T**	1
APP928	Independent Study	A M D 2T**	1-3

ARCHITECTURAL

ARC102-932	By Title	CAREER/TECH	
------------	----------	-------------	--

ART

ART101	Art Appreciation	ART 1T**	3
ART133, 134	Drawing I, II	ART 1T**	3 each
ART138	Figure Drawing	ART 1T**	3
ART143, 144	Painting I, II	ART 1T**	3 each
ART157, 158	Printmaking I, II	ART 1T**	3 each
ART161	Digital Art	ART 1T**	3
ART163, 164	Sculpture I, II	ART 1T**	3 each
ART165	Sculpture III	ART 2T**	3
ART173, 174	Ceramics I, II	ART 1T**	3 each
ART175	Ceramics III	ART 2T**	3
ART184, 185	Photography I, II	ART 1T**	3 each
ART186	Digital Photography	ART 1T**	3
ART203	Art History I	ART H 280	3
ART204	Art History II	ART H 281	3
ART220	Ceramics IV	ART 2T**	3
ART223	Advanced Photography	ART 2T**	3
ART224	Commercial Studio Lighting Table Top & Portrait	ART 2T**	3
ART290	Projects in Photography	ART 2T**	1
ART301	Design Fundamentals	ART 2T**	3
ART420	Introduction to Glass	ART 2T**	3
ART430, 431	Glass I, II - Fusing, Slumping, and Casting	ART 2T**	3 each
ART440, 441	Hot Glass I, II - Blowing and Sculpting	ART 2T**	3 each
ART924	Honors Project	ART 2T**	1
ART928	Independent Study	ART 2T**	1-3

AMERICAN SIGN LANGUAGE

ASL141	American Sign Language I	ASL 101	4
ASL171	American Sign Language II	ASL 102	4
ASL245	American Sign Language III	ASL 201	4
ASL281	American Sign Language IV	ASL 202	4
ASL928	Independent Study	ASL 2T**	1-3

AUTOMATION TECH & ROBOTICS

ATR104-327	By Title	CAREER/TECH	
------------	----------	-------------	--

AUTOMOTIVE TECHNOLOGY

AUT100-932	By Title	CAREER/TECH	
------------	----------	-------------	--

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

BUSINESS COMPUTER APPLICATIONS

BCA136-800	By Title	CAREER/TECH	
------------	----------	-------------	--

BIOLOGY

BIO104	Introductory Biology w/lab	BIOL 101	3
--------	----------------------------	----------	---

BIO110	Basic Biological Concepts	CAREER/TECH	
--------	---------------------------	-------------	--

*BIO112	General Biology I w/lab	BIOL 2T**	4
---------	-------------------------	-----------	---

*BIO113	General Biology II w/lab	BIOL 2T**	4
---------	--------------------------	-----------	---

**When BIO112 and BIO113 are both taken, the courses will transfer as
BIOL 211 (3 cr), BIOL 211L (1 cr), BIOL 212 (3 cr), BIOL 212L (1 cr).*

BIO131	Genetics and Society	BIOL 1T**	3
--------	----------------------	-----------	---

BIO151	Nutrition	FS HN 167	3
--------	-----------	-----------	---

BIO154	Human Biology	BIOL 155	3
--------	---------------	----------	---

BIO161	Basic Anatomy and Physiology	CAREER/TECH	
--------	------------------------------	-------------	--

*BIO168	Human Anatomy and Physiology I w/lab	BIOL 1T**	4
---------	--------------------------------------	-----------	---

*BIO173	Human Anatomy and Physiology II w/lab	BIOL 1T**	4
---------	---------------------------------------	-----------	---

**When BIO168 and BIO173 are both taken, the courses will transfer as
BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

*BIO177	Human Anatomy	BIOL 1T**	4
---------	---------------	-----------	---

*BIO180	Human Physiology	BIOL 1T**	4
---------	------------------	-----------	---

**When BIO177 and BIO180 are both taken, the courses will transfer as
BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO186	Microbiology	MICRO 201	3
--------	--------------	-----------	---

	Microbiology Lab	MICRO 201L	1
--	------------------	------------	---

BIO195	Human Evolution	ANTHR 202	3
--------	-----------------	-----------	---

BIO208	Agricultural Biology and Chemistry	CAREER/TECH	
--------	------------------------------------	-------------	--

BIO924	Honors Project	BIOL 2T**	1
--------	----------------	-----------	---

BIO928	Independent Study	BIOL 2T**	1
--------	-------------------	-----------	---

BUSINESS

BUS101	Orientation to Business Professionalism	CAREER/TECH	
--------	---	-------------	--

BUS102	Introduction to Business	BUSAD 1T**	3
--------	--------------------------	------------	---

BUS149-161	By Title	CAREER/TECH	
------------	----------	-------------	--

BUS185	Business Law I	ACCT 215	3
--------	----------------	----------	---

BUS190-280	By Title	CAREER/TECH	
------------	----------	-------------	--

BUS290	Employment Search and Workplace Success	FCEDS 1T**	1
--------	---	------------	---

BUS294	Business Administration Capstone	BUSAD 2T**	1
--------	----------------------------------	------------	---

BUS924	Honors Project	BUSAD 2T**	1
--------	----------------	------------	---

BUS928	Independent Study	BUSAD 2T**	1-3
--------	-------------------	------------	-----

BUS932	Internship	BUSAD 2T**	1-9
--------	------------	------------	-----

BUS949	Special Topics	XXX 2T**	1-3
--------	----------------	----------	-----

COMPUTER AIDED DRAFTING

CAD140-928	By Title	CAREER/TECH	
------------	----------	-------------	--

CHEMISTRY

CHM110	Introduction to Chemistry	CHEM 1T**	3
--------	---------------------------	-----------	---

CHM111	Introduction to Chemistry Lab	CHEM 1T**	1
--------	-------------------------------	-----------	---

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

CHEMISTRY, continued

CHM132	Introduction to Organic and Biochemistry	CHEM 231	3
	Introduction to Organic and Biochemistry Lab	CHEM 231L	1
CHM165	General Chemistry I	CHEM 177	3
	General Chemistry I Lab	CHEM 177L	1
CHM175	General Chemistry II	CHEM 178	3
	General Chemistry II Lab	CHEM 178L	1
CHM262	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 333L	1.5
CHM272	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 334L	1.5
CHM924	Honors Project	CHEM 2T**	1
CHM928	Independent Study	CHEM 2T**	1-1.5

COMPUTER INFORMATION SYSTEMS

CIS103-135	By Title	CAREER/TECH	
CIS171	Java I	COM S 1T**	3
CIS175	Java II	COM S 1T**	3
CIS181-924	By Title	CAREER/TECH	

CULTURAL STUDIES

CLS140	Understanding Cultures: The Mideast	U ST 1T**	3
CLS151	Understanding Cultures: Latin America	HUM 2T**	3
CLS159	Understand Cultures: Indigenous Central Amer	U ST 1T**	3
CLS165	Understanding Cultures: Modern Japan	U ST 1T**	3
CLS167	Understanding Cultures: Modern China	U ST 1T**	3
CLS171	Understanding Cultures: Sub-Saharan Africa	U ST 1T**	3
CLS192	Communication and Culture	HUM 2T**	3
CLS924	Honors Project	U ST 2T**	1

COMMUNICATION

COM222-924	By Title	CAREER/TECH	
------------	----------	-------------	--

CONSTRUCTION

CON101-932	By Title	CAREER/TECH	
------------	----------	-------------	--

CRIMINAL JUSTICE

CRJ100	Introduction to Criminal Justice	CJ ST 240	3
CRJ101	Ethics in Criminal Justice	CJ ST 1T**	3
CRJ111	Police and Society	CJ ST 1T**	3
CRJ120	Introduction to Corrections	CJ ST 1T**	3
CRJ130	Criminal Law	CJ ST 1T**	3
CRJ133	Constitutional Criminal Procedure	CJ ST 1T**	3
CRJ136	Correctional Law	CJ ST 1T**	3
CRJ141	Criminal Investigation	CJ ST 1T**	3
CRJ200	Criminology	CJ ST 2T**	3
CRJ201	Juvenile Delinquency	SOC 241	3
CRJ202	Cultural Awareness Criminal Justice Pract	CJ ST 2T**	3
CRJ220	Community-Based Corrections	CJ ST 2T**	3
CRJ232	Community-Oriented Policing/Problem Solving	CJ ST 2T**	3
CRJ924	Honors Project	CJ ST 2T**	1

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>CRIMINAL JUSTICE, continued</u>			
CRJ928	Independent Study	CJ ST 2T**	1
CRJ932	Internship	CJ ST 2T**	1-6
<u>COLLISION REPAIR/REFINISHING</u>			
CRR121-837	By Title	CAREER/TECH	
<u>COMPUTER SCIENCE</u>			
CSC110	Introduction to Computers	COM S 104	3
*CSC142	Computer Science	COM S 1T**	4
*CSC153	Data Structures	COM S 1T**	4
*CSC160	Software Design and Development	COM S 1T**	4
CSC175	Comp Org & Assembly Language Programming	COM S 1T**	4
CSC900	NSF ECSEL Seminar	COM S 2T**	1
CSC924	Honors Project	COM S 2T**	1
<i>*When CSC142, CSC153, and CSC160 are all taken, the courses will transfer as COM S 227 (6) and COM S 228 (6).</i>			
<u>DENTAL ASSISTANT</u>			
DEA285-924	By Title	CAREER/TECH	
<u>DENTAL</u>			
DEN100-300	By Title	CAREER/TECH	
<u>DENTAL HYGIENE</u>			
DHY134-910	By Title	CAREER/TECH	
<u>DENTAL LAB TECHNOLOGY</u>			
DLT152-851	By Title	CAREER/TECH	
<u>FILM AND THEATRE</u>			
DRA101	Introduction to Theatre	THTRE 106	3
DRA116	Film Analysis	JL MC 1T**	3
DRA117	Film Topics	ENGL 2T**	3
DRA125	Introduction to Play Analysis	THTRE 263	3
DRA130	Acting I	THTRE 251	3
DRA132	Acting II	THTRE 2T**	3
DRA162	Technical Theatre	THTRE 255	3
DRA172	Technical Theatre Lab	THTRE 1T**	1
DRA200	Introduction to Design for the Theatre	THTRE 2T**	3
DRA230	Acting Lab	THTRE 2T**	1
DRA928	Independent Study	THTRE 2T**	1-3
<u>DRAFTING</u>			
DRF141	Engineering Drawings	CAREER/TECH	
DRF142	Engineering Design I	TSM 116	3
DRF143	Engineering Design II	TSM 216	3
DRF924	Honors Project	CAREER/TECH	1
<u>DIESEL</u>			
DSL143-802	By Title	CAREER/TECH	

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

EARLY CHILDHOOD EDUCATION

ECE103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE105	Technology for Early Childhood	CAREER/TECH	
ECE133	Child Health, Safety and Nutrition	H S 1T**	3
ECE158	Early Childhood Curriculum I	EDUC 1T**	3
ECE159	Early Childhood Curriculum II	EDUC 1T**	3
ECE170	Child Growth and Development	HD FS 1T**	3
ECE221	Infant/Toddler Care and Education	HD FS 2T**	3
ECE243	Early Childhood Guidance	HD FS 2T**	3
ECE262	Early Childhood Field Experience	HD FS 2T**	3
ECE290	Early Childhood Program Administration	HD FS 2T**	3
ECE924	Honors Project	EDUC 2T**	1
ECE928	Independent Study	EDUC 2T**	1-3

ECONOMICS

ECN120	Principles of Macroeconomics	ECON 102	3
ECN130	Principles of Microeconomics	ECON 101	3
ECN924	Honors Project	ECON 2T**	1
ECN928	Independent Study	ECON 2T**	1

EDUCATION

EDU110	Exploring Teaching	EDUC 1T**	3
EDU119	Behavior Management	EDUC 1T**	3
EDU129	Inclusion and Adaptation	EDUC 1T**	3
EDU200	Topics in Education	EDUC 2T**	1
EDU210	Foundations of Education	EDUC 204	3
EDU240	Educational Psychology	PSYCH 333	3
EDU248	Exceptional Persons	SP ED 250	3
EDU249	Cultural and Linguistic Diversity	EDUC 2T**	3
EDU258	Autism Spectrum Disorder Support	SP ED 2T**	3
EDU259	Vision Impairment Support	EDUC 2T**	3
EDU279	Transition Services	EDUC 2T**	3
EDU805	Literacy Tutor Experience	EDUC 2T**	1-3
EDU810	Field Experience	EDUC 2T**	3
EDU924	Honors Project	EDUC 2T**	1
EDU928	Independent Study	EDUC 2T**	1

ENGINEERING

EGR100	Engineering Orientation	ENGR 101	1
*EGR160	Engineering I	ENGR 1T**	3
*EGR167	Engineering II	ENGR 1T**	4

**When EGR160 and EGR167 are both taken, the courses will transfer as ENGR 160 (7).*

EGR170	Materials Science	MAT E 273	3
EGR180	Statics	E M 274	3
EGR280	Dynamics	E M 345	3
EGR285	Introduction to Electrical Science	E E 2T**	4
EGR290	Thermodynamics	M E 231	3
EGR400	PLTW - Introduction to Engineering Design	ENGR 170	3
EGR410	PLTW - Principles of Engineering	ENGR 1T**	3
EGR415	PLTW - Environmental Sustainability	ENGR 1T**	3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>ENGINEERING, continued</u>			
EGR420	PLTW - Digital Electronics	ENGR 1T**	3
EGR440	PLTW - Biotechnical Engineering	ENGR 1T**	3
EGR450	PLTW - Computer Integrated Manufacturing	ENGR 1T**	3
EGR460	PLTW - Civil Engineering and Architecture	ENGR 1T**	3
EGR900	NSF Technology Seminar	ENGR 2T**	1
EGR924	Honors Project	ENGR 2T**	1
<u>ENGINEERING TECHNOLOGY</u>			
EGT124	Strength of Materials	TSM 1T**	4
EGT125	Applied Statics	TSM 1T**	4
EGT132-460	By Title	CAREER/TECH	
EGT928	Independent Study	TSM 2T**	1-3
<u>ELECTRICAL TECHNOLOGY</u>			
ELE364-365	By Title	CAREER/TECH	
<u>ELECTRONICS</u>			
ELT100-931	By Title	CAREER/TECH	
<u>EMERGENCY MEDICAL SERVICES</u>			
EMS255-653	By Title	CAREER/TECH	
<u>ELECTRONEURODIAGNOSTIC</u>			
END100-924	By Title	CAREER/TECH	
<u>ENGLISH COMPOSITION</u>			
ENG011-070	By Title		No Credit
ENG101	Elements of Writing	ENGL 1T**	3
ENG105	Composition I	ENGL 150	3
		LIB 160	R
ENG106	Composition II	ENGL 250	3
ENG108	Composition II: Technical Writing	ENGL 250	3
ENG109	Integrated Composition	ENGL 1T**	1-3
ENG120	College Writing	ENGL 150	2.5
		ENGL 250	2.5
ENG221	Creative Writing	ENGL 2T**	3
ENG225	Creative Writing: Poetry	ENGL 2T**	3
ENG233	Creative Writing: Short Fiction	ENGL 2T**	3
ENG235	Playwriting/Screen Writing	ENGL 2T**	3
ENG238	Creative Writing: Nonfiction	ENGL 2T**	3
ENG240	Advanced Creative Writing	ENGL 2T**	3
ENG245	Advanced Creative Writing: Short Fiction	ENGL 2T**	3
ENG275	Editing a Literary Magazine	ENGL 2T**	3
ENG290	Literary Magazine Layout and Production	ART 2T**	3
ENG924	Honors Project	ENGL 2T**	1
ENG928	Independent Study	ENGL 2T**	1-3
<u>ENVIRONMENTAL SCIENCE</u>			
ENV115	Environmental Science	ENV S 173	3
ENV924	Honors Project	ENV S 2T**	1
ENV928	Independent Study	ENV S 2T**	.5

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

INTENSIVE ENGLISH SECOND LANGUAGE

ESI006-093	By Title		No Credit
------------	----------	--	-----------

EXERCISE SCIENCE

EXS120	Human Anatomy & Physiology for Ex Science	KIN 1T**	3
EXS180	Fitness Programming and Design	KIN 1T**	3
EXS280	Exercise Physiology	KIN 2T**	4
EXS285	Personal Trainer Capstone	KIN 2T**	3
EXS932	Internship	KIN 2T**	2

FINANCE

FIN110	Money and Banking	CAREER/TECH	
FIN121	Personal Finance	HD FS 283	3
FIN130	Principles of Finance	FIN 1T**	3
FIN300	Topics in Financial Services	CAREER/TECH	

FIRE SCIENCE

FIR110-928	By Title	CAREER/TECH	
------------	----------	-------------	--

FOREIGN LANGUAGE - CHINESE

FLC141	Elementary Chinese I	CHIN 101	4
FLC142	Elementary Chinese II	CHIN 102	4
FLC241	Intermediate Chinese I	CHIN 201	4
FLC242	Intermediate Chinese II	CHIN 202	4

FOREIGN LANGUAGE - FRENCH

FLF141	Elementary French I	FRNCH 101	4
FLF142	Elementary French II	FRNCH 102	4
FLF241	Intermediate French I	FRNCH 201	4
FLF242	Intermediate French II	FRNCH 202	4
FLF924	Honors Project	FRNCH 2T**	1
FLF928	Independent Study	FRNCH 2T**	1-3

FOREIGN LANGUAGE - GERMAN

FLG141	Elementary German I	GER 101	4
FLG142	Elementary German II	GER 102	4
FLG241	Intermediate German I	GER 201	4
FLG242	Intermediate German II	GER 202	4

FOREIGN LANGUAGE - SPANISH

FLS118	Spanish for Professionals	HSP M 1T**	3
FLS141	Elementary Spanish I	SPAN 101	4
FLS142	Elementary Spanish II	SPAN 102	4
FLS241	Intermediate Spanish I	SPAN 201	4
FLS242	Intermediate Spanish II	SPAN 202	4
FLS266	Adv Spanish: Latin American & Spanish Culture	SPAN 2T**	3
FLS924	Honors Project	SPAN 2T**	1
FLS928	Independent Study	SPAN 2T**	1-3

GLOBAL STUDIES

GLS110	Global Leadership	CAREER/TECH	
GLS120	Education Experience Abroad	HUM 1T**	3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

GRAPHIC COMMUNICATIONS

GRA101-928	By Title	CAREER/TECH	
------------	----------	-------------	--

HOSPITALITY, CULINARY, MANAGEMENT

HCM100	Sanitation and Safety	HSP M 133	2
HCM109-190	By Title	CAREER/TECH	
HCM204	Service Techniques (lab)	HSP M 2T**	3
HCM207	Menu Planning	CAREER/TECH	
HCM213	Service Management (lab)	HSP M 2T**	4
HCM231	Nutrition	CAREER/TECH	
HCM251	Purchasing, Receiving and Inventory	HSP M 2T**	2
HCM256-295	By Title	CAREER/TECH	
HCM310	Hospitality Law	HSP M 2T**	3
HCM315	Wine, Beer and Spirits Basics	CAREER/TECH	
HCM321	Introduction to Hospitality Industry	AESHM 113	1
HCM326	Basic Hospitality Communications	CAREER/TECH	
HCM330	Hospitality Personnel Management	AESHM 238	3
HCM340	Hospitality Events and Catering	HSP M 2T**	3
HCM342-530	By Title	CAREER/TECH	
HCM597	Front Office and Revenue Management	HSP M 2T	4
HCM599	Engineering and Risk Management	HSP M 2T**	1
HCM600	Introduction to Lodging Operations	HSP M 2T	2

***When HCM597 and HCM600 are both taken, the courses will transfer as HSP M 352 (6).*

HCM601	Housekeeping and Environmental Services	HSP M 2T**	3
HCM602	Introduction to Food and Bar Operations	CAREER/TECH	
HCM603	Hotel Sales, Catering and Event Management	HSP M 2T**	3
HCM614	Leadership in Hospitality	HSP M 2T**	3
HCM615	Hospitality Marketing	AESHM 340	3
HCM616-618	By Title	CAREER/TECH	
HCM924	Honors Project	HSP M 2T**	1
HCM928	Independent Study	HSP M 2T**	1-3
HCM930-932	By Title	CAREER/TECH	
HCM933	Internship	AESHM 270D	1-4
HCM934	Internship Seminar II	CAREER/TECH	
HCM935	Internship II	AESHM 170D	1

HEATING AND AIR CONDITIONING

HCR410-932	By Title	CAREER/TECH	
------------	----------	-------------	--

HISTORY

*HIS121	Ancient Mediterranean World	HIST 2T**	3
*HIS122	Europe in the Age of Monarchy	HIST 2T**	3

**When HIS121 and HIS122 are both taken, the courses will transfer as HIST 201 (6).*

*HIS123	Europe in the Age of Revolution	HIST 2T**	3
*HIS124	Europe in the Age of Nationalism	HIST 2T**	3

**When HIS123 and HIS124 are both taken, the courses will transfer as HIST 202 (6).*

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>HISTORY, continued</u>			
HIS135	Modern World Military History	HIST 1T**	3
HIS151	U.S. History to 1877	HIST 221	3
HIS152	U.S. History Since 1877	HIST 222	3
HIS221	Holocaust & Genocide in Memory & Literature	HIST 1T**	3
HIS254	American Indian History	AM IN 210	3
HIS291	History of Science	HIST 281	3
HIS924	Honors Project	HIST 2T**	1
HIS928	Independent Study	HIST 2T**	1-3
<u>HEALTH INFORMATION TECHNOLOGY</u>			
HIT220-554	By Title	CAREER/TECH	
<u>HEALTH SCIENCES</u>			
HSC103-217	By Title	CAREER/TECH	
<u>HUMAN SERVICES</u>			
HSV109	Introduction to Human Services	SOC 1T**	3
HSV110	Human Service Policy and Programs	SOC 1T**	3
HSV120	Observation Skills	PSYCH 1T**	3
HSV131	Basic Problem Solving Skills	SOC 1T**	3
HSV200	Adaptation Strategies	HD FS 2T**	3
HSV201	Loss, Trauma and Resilience	HD FS 2T**	3
HSV282	Health and Psychosocial Rehabilitation	PSYCH 2T**	3
HSV287	Counseling Theories & Techniques	PSYCH 2T**	3
HSV292	Substance Abuse and Treatment	HD FS 2T**	3
HSV800	Human Services Field Experience & Seminar	SOC 2T**	3-6
HSV801	Human Services Field Experience	SOC 2T**	3
HSV813, 814	Alcohol & Drug Couns Field Exp & Seminar I, II	HD FS 2T**	6 each
HSV924	Honors Project	SOC 2T**	1
HSV928	Independent Study	SOC 2T**	1-3
<u>HUMANITIES</u>			
HUM105	Working in America	HUM 1T**	3
HUM116	Encounters in Humanities	HUM 1T**	3
HUM123	U.S. Film History	ENGL 1T**	3
HUM124	World Film History	ENGL 1T**	3
HUM142	Popular Culture	HUM 1T**	3
HUM190	Culture and Technology	HUM 1T**	3
HUM200	International Study in Humanities	HUM 2T**	3
HUM924	Honors Project	HUM 2T**	1
<u>INDUSTRIAL TECHNOLOGY</u>			
IND155-196	By Title	CAREER/TECH	
<u>INTERIOR DESIGN</u>			
INT126-932	By Title	CAREER/TECH	
<u>LITERATURE</u>			
LIT105	Children's Literature	HD FS 240	3
LIT158	Literature of the African Peoples	ENGL 2T**	3
LIT180	Mythology	ENGL 2T**	3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

LITERATURE, continued

LIT203	Forms of Literature: Story Cycle	ENGL 2T**	3
LIT204	Forms of Literature: Nonfiction	ENGL 2T**	3
LIT205	Forms of Literature: Drama	ENGL 2T**	3
LIT206	Forms of Literature: Fiction	ENGL 2T**	3
LIT207	Forms of Literature: Poetry	ENGL 2T**	3
LIT208	Forms of Literature: New Media	ENGL 2T**	3
LIT209	Forms of Literature: Film Adaptation	ENGL 2T**	3
LIT222	Literature and Culture: American Dreams	ENGL 2T**	3
LIT224	Literature and Culture: Women and Work	ENGL 2T**	3
LIT225	Literary Themes: Beyond Bartleby	ENGL 2T**	3
LIT226	Literary Themes: Literature & Search for Identity	ENGL 2T**	3
LIT227	Literature and Culture: World Poetry	ENGL 2T**	3
LIT924	Honors Project	ENGL 2T**	1
LIT928	Independent Study	ENGL 2T**	1-3
LIT945	Selected Topics	ENGL 2T**	1-3

MEDICAL ASSISTANT

MAP123-618	By Title	CAREER/TECH	
------------	----------	-------------	--

MATHEMATICS

MAT024-049	By Title		No Credit
MAT052	Pre-Algebra	MATH 10	No Credit
MAT059-076	By Title		No Credit
MAT095	Personal Achievement Math	MATH 10	No Credit
*MAT102	Intermediate Algebra	MATH 100Z	4

**Transfer credit in MATH 100Z does not count toward graduation.*

MAT103	Applied Math for Manufacturing	CAREER/TECH	
MAT115	Mathematics and Society	MATH 105	3
MAT117	Mathematics for Elementary Teachers	MATH 195	3
MAT120	College Algebra	MATH 140	3
MAT136	Trigonometry and Analytic Geometry	MATH 1T**	5
MAT137	Applications of Geometry	CAREER/TECH	
MAT138	College Algebra with Limits	MATH 140	4
MAT140	Finite Math	MATH 104	3
MAT149	Linear Algebra	MATH 207	3
MAT150	Discrete Math	MATH 1T**	3
MAT155	Statistical Ideas	STAT 1T**	3
MAT157	Statistics	STAT 101	4
MAT162	Business Statistics	STAT 226	4
MAT165	Business Calculus	MATH 151	3
MAT210	Calculus I	MATH 165	4
MAT216	Calculus II	MATH 166	4
MAT219	Calculus III	MATH 265	4
MAT227	Differential Equations with Laplace	MATH 267	4
MAT232-719	By Title	CAREER/TECH	
MAT731	Introduction to Math		No Credit
MAT735-772	By Title	CAREER/TECH	
MAT924	Honors Project	MATH 2T**	1
MAT928	Independent Study	MATH 2T**	1

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

MOBILE DEVELOPMENT TECHNOLOGY

MDT340-350	By Title	CAREER/TECH	
------------	----------	-------------	--

MANUFACTURING

MFG103-174	By Title	CAREER/TECH	
MFG202	Manufacturing Processes	TSM 240	2
MFG213-928	By Title	CAREER/TECH	

MANAGEMENT

MGT101	Principles of Management	MGMT 2T**	3
MGT112	Business Innovation	MGMT 1T**	3
MGT121-155	By Title	CAREER/TECH	
MGT158	Office Supervision and Management	MGMT 2T**	3
MGT161	Agile Project Management with Scrum	CAREER/TECH	
MGT170	Human Resource Management	MGMT 2T**	3
MGT171-206	By Title	CAREER/TECH	
MGT300	Introduction to Entrepreneurship	MGMT 2T**	3
MGT301-305	By Title	CAREER/TECH	
MGT924	Honors Project	MGMT 2T**	1
MGT928	Independent Study	MGMT 2T**	1-4

MILITARY

MIL100, 101	Foundations of the U.S. Air Force I, II	AFAS 1T**	1 each
MIL104	Army ROTC Leadership & Personal Dev	M S 1T**	1-3
MIL105	Army ROTC Introduction to Tactical Leadership	M S 1T**	1-3
MIL106	Air Force Heritage and Values I	AFAS 1T**	1
MIL111, 112	AFROTC Leadership Lab I, II	AFAS 1T**	1 each
MIL113	Air Force Heritage and Values II	AFAS 1T**	1
MIL200, 201	The Evolution of USAF Air & Space Power I, II	AFAS 2T**	1 each
MIL202	The Evolution of USAF Air & Space Power II	AFAS 2T**	1
MIL203	Team and Leadership Fundamentals I	M S 2T**	1
MIL204	Army ROTC Innovative Team Leadership	M S 2T**	1-3
MIL205	Army ROTC Tactical Leadership	M S 2T**	1-3
MIL206	Team and Leadership Fundamentals II	M S 2T**	1
MIL211, 212	AFROTC Leadership Lab III, IV	AFAS 2T**	1 each

MARKETING

MKT110	Principles of Marketing	MKT 2T**	3
MKT130-135	By Title	CAREER/TECH	
MKT140	Principles of Selling	MKT 2T**	3
MKT150	Principles of Advertising	ADVRT 2T**	3
MKT160	Principles of Retailing	A M D 275	3
MKT180	Customer Service Strategies	CAREER/TECH	
MKT190	International Marketing	MKT 2T**	3
MKT195	Marketing Management	MKT 2T**	3
MKT350	Customer Service Professional	CAREER/TECH	
MKT924	Honors Project	MKT 2T**	1
MKT928	Independent Study	MKT 2T**	1-3

MED LAB TECH

MLT 105-291	By Title	CAREER/TECH	
-------------	----------	-------------	--

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

MASS MEDIA STUDIES

MMS101	Mass Media	JL MC 101	3
MMS105	Audio Production	JL MC 1T**	3
MMS111	Video Production I	JL MC 1T**	3
MMS131	News Reporting	JL MC 1T**	3
MMS133	News Media Convergence	JL MC 1T**	3
MMS165	Media History	JL MC 1T**	3
MMS215	Broadcast Writing and Performance	JL MC 2T**	3
MMS220	Advanced Television	JL MC 2T**	2
MMS240	Promotions and Public Relations	JL MC 2T**	3
MMS241	Public Relations and Marketing	JL MC 2T**	3
MMS920	Field Experience	JL MC 2T**	3
MMS928	Independent Study	JL MC 2T**	1-3
MMS948	Special Projects	JL MC 2T**	1

MEDICAL TRANSCRIPTION

MTR102-150	By Title	CAREER/TECH	
------------	----------	-------------	--

MUSIC - APPLIED

MUA101	Applied Voice	MUSIC 1T**	1-2
MUA119	Class Piano	MUSIC 1T**	1
MUA147	Applied Instrumental	MUSIC 1T**	1-2
MUA300	Applied Euphonium	MUSIC 1T**	2
MUA301	Applied Bassoon	MUSIC 1T**	2
MUA302	Applied Cello	MUSIC 1T**	2
MUA303	Applied Clarinet	MUSIC 1T**	2
MUA304	Applied Percussion	MUSIC 1T**	2
MUA305	Applied Flute	MUSIC 1T**	2
MUA306	Applied French Horn	MUSIC 1T**	2
MUA307	Applied Guitar	MUSIC 1T**	2
MUA308	Applied Oboe	MUSIC 1T**	2
MUA310	Applied Piano	MUSIC 1T**	2
MUA311	Applied Saxophone	MUSIC 1T**	2
MUA312	Applied String Bass	MUSIC 1T**	2
MUA314	Applied Trombone	MUSIC 1T**	2
MUA315	Applied Trumpet	MUSIC 1T**	2
MUA316	Applied Tuba	MUSIC 1T**	2

MUSIC - APPLIED

MUA317	Applied Viola	MUSIC 1T**	2
MUA318	Applied Violin	MUSIC 1T**	2
MUA319	Applied Voice	MUSIC 1T**	2

MUSIC - GENERAL

MUS100	Music Appreciation	MUSIC 102	3
MUS102	Music Fundamentals	MUSIC 101	3
MUS120, 121	Music Theory I, II	MUSIC 1T**	3 each
MUS127	Great Composers	MUSIC 1T**	3
MUS135, 136	Music Theory Lab I, II	MUSIC 1T**	1 each
MUS138	Jazz Improvisation	MUSIC 1T**	3
MUS139	Jazz Improvisation II	MUSIC 1T**	3
MUS140	Concert Choir	MUSIC 1T**	1

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>MUSIC - GENERAL, continued</u>			
MUS145	Concert Band	MUSIC 1T**	1
MUS150	Chamber Ensemble	MUSIC 1T**	1
MUS152	Vocal Ensemble	MUSIC 1T**	1
MUS157	Vocal Jazz Ensemble	MUSIC 1T**	1
MUS163	Instrumental Jazz Ensemble	MUSIC 1T**	1
MUS207	Introduction to Film Music	MUSIC 2T**	3
MUS208	American Popular Music & Jazz	MUSIC 2T**	3
MUS209	Topics in Western Music History	MUSIC 2T**	3
MUS220, 221	Music Theory III, IV	MUSIC 2T**	3 each
MUS235, 236	Music Theory Lab III, IV	MUSIC 2T**	1 each
MUS298	Performance Seminar for Musicians	MUSIC 2T**	1
MUS924	Honors Project	MUSIC 2T**	1
MUS928	Independent Study	MUSIC 2T**	1-2
<u>COMPUTER NETWORKING</u>			
NET122-928	By Title	CAREER/TECH	
<u>OCCUPATIONAL THERAPY ASSISTANT</u>			
OTA101-854	By Title	CAREER/TECH	
<u>PHYSICAL EDUCATION ACTIVITY</u>			
PEA102	Aerobic Fitness I	KIN 1T**	1
PEA110	Badminton I	KIN 122	1
PEA154	Racquetball I	KIN 144	1
PEA162	Speed and Conditioning I	KIN 1T**	1
PEA174	Tennis I	KIN 158	1
PEA187	Weight Training I	KIN 166	1
PEA287	Weight Training II	KIN 2T**	1
<u>COACHING OFFICIATING</u>			
PEC111	Techniques and Theory of Coaching	KIN 1T**	2
PEC116	Athletic Development and Human Growth	KIN 1T**	2
PEC126	Athletic Injury Prevention	A TR 220	2
PEC140	Theory of Coaching Softball	KIN 1T**	2
PEC144	Theory of Coaching Baseball	KIN 1T**	2
PEC148	Theory of Coaching Basketball	KIN 1T**	2
PEC150	Theory of Coaching Volleyball	KIN 1T**	2
PEC160	Sports Officiating	KIN 1T**	2
<u>GENERAL PHYSICAL EDUCATION AND HEALTH</u>			
PEH111	Personal Wellness	H S 1T**	3
PEH155	Exercise Psychology	KIN 1T**	3
PEH160	Fundamentals of Health Coaching	KIN 1T**	3
PEH162	Introduction to Physical Education	KIN 1T**	3
PEH165	Intro to Complementary & Alternative Medicine	H S 1T**	3
PEH170	Principles of Weight Training	KIN 166	3
PEH191	Sports Nutrition	KIN 1T**	3
PEH255	Principles of Sports Management	KIN 2T**	3
PEH270	Exercise Prescription for Special Populations	KIN 2T**	3
PEH924	Honors Project	KIN 2T**	1
PEH928	Independent Study	KIN 2T**	1-3

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

INTERCOLLEGIATE PHYSICAL EDUCATION

PEV115	Varsity Baseball	ATH 1T**	1
PEV121	Varsity Basketball, Men	ATH 101B	1
PEV122	Varsity Basketball, Women	ATH 101C	1
PEV140	Varsity Golf	ATH 101G	1
PEV160	Varsity Softball	ATH 101K	1
PEV170	Varsity Volleyball	ATH 101R	1
PEV215	Varsity Baseball II	ATH 1T**	1
PEV221	Varsity Basketball II, Men	ATH 101B	1
PEV222	Varsity Basketball II, Women	ATH 101C	1
PEV240	Varsity Golf II	ATH 101G	1
PEV260	Varsity Softball II	ATH 101K	1
PEV270	Varsity Volleyball II	ATH 101R	1

PHILOSOPHY

PHI101	Introduction to Philosophy	PHIL 201	3
PHI105	Introduction to Ethics	PHIL 230	3
PHI111	Basic Reasoning	PHIL 206	3
PHI125	Native American Philosophies	PHIL 1T**	3
PHI126	Chinese Philosophies	PHIL 1T**	3
PHI130	Philosophy of Human Nature	PHIL 1T**	3
PHI132	Philosophy of Education	PHIL 1T**	3
PHI135	Multicultural Ethics	PHIL 1T**	3
PHI150	Social & Political Philosophy	PHIL 1T**	3
PHI160	Environmental Ethics	PHIL 1T**	3
PHI924	Honors Project	PHIL 2T**	1
PHI928	Independent Study	PHIL 2T**	1-3

PHARMACY TECH

PHR154-175	By Title	CAREER/TECH	
------------	----------	-------------	--

PHYSICAL SCIENCE

PHS151	Introduction to Astronomy	ASTRO 120	3
PHS170	Physical Geology	GEOL 100	3
PHS171	Physical Geology Lab	GEOL 100L	1
PHS175	Environmental Geology	GEOL 101	3
PHS176	Environmental Geology Lab	GEOL 1T**	1
PHS180	Evolution of the Earth	GEOL 102	3
PHS181	Evolution of the Earth Lab	GEOL 102L	1
PHS924	Honors Project	GEOL 2T**	1
PHS928	Independent Study	GEOL 2T**	1

PHYSICS

PHY120	Introductory Physics	PHYS 1T**	3
PHY162	College Physics I	PHYS 111	4
PHY172	College Physics II	PHYS 112	4
PHY180-192	By Title	CAREER/TECH	
PHY212	Classical Physics I	PHYS 221	5
PHY222	Classical Physics II	PHYS 222	5
PHY230-232	Technical Physics I, II	CAREER/TECH	
PHY924	Honors Project	PHYS 2T**	1

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

PLUMBING

PLU101-932 By Title CAREER/TECH

PRACTICAL NURSING

PNN228-924 By Title CAREER/TECH

POLITICAL SCIENCE

POL110	Introduction to Political Science	POL S 1T**	3
POL111	American National Government	POL S 215	3
POL121	International Relations	POL S 251	3
POL125	Comparative Government and Politics	POL S 241	3
POL150	Introduction to U.S. Foreign Policy	POL S 2T**	3
POL924	Honors Project	POL S 2T**	1
POL928	Independent Study	POL S 2T**	1-3

PARALEGAL

PRL103	Introduction to Law	CJ ST 1T**	3
PRL116	Fundamentals of Legal Research and Writing	CJ ST 1T**	3
PRL117	Advanced Legal Research and Writing	CJ ST 1T**	3
PRL121	Investigation for Paralegals	CJ ST 1T**	3
PRL133	Torts	CJ ST 1T**	3
PRL143	Business Organization Law	CJ ST 1T**	3
PRL151	Real Estate Law	CJ ST 1T**	3
PRL161	Family Law	CJ ST 1T**	3
PRL166	Estate Planning/Administration	CJ ST 1T**	3
PRL171	Administrative Law	CJ ST 1T**	3
PRL174	Contracts	CJ ST 1T**	3
PRL176	Civil Litigation	CJ ST 1T**	3
PRL186	Employment Law Topics	CJ ST 1T**	3
PRL192	Criminal Law & Procedure for the Paralegal	CJ ST 1T**	3
PRL193	Constitutional Law	CJ ST 1T**	3
PRL928	Independent Study	CJ ST 1T**	1
PRL932	Internship	CJ ST 2T**	3

PSYCHOLOGY

PSY111	Introduction to Psychology	PSYCH 101	3
PSY121	Developmental Psychology	PSYCH 230	3
PSY241	Abnormal Psychology	PSYCH 2T**	3
PSY251	Social Psychology	PSYCH 280	3
PSY261	Human Sexuality	HD FS 276	3
PSY924	Honors Project	PSYCH 2T**	1

PHYSICAL THERAPIST ASSISTANT

PTA101-433 By Title CAREER/TECH

POWERLINE

PWL326 Electrical Distribution Systems CAREER/TECH

RESPIRATORY THERAPY

RCP101-890 By Title CAREER/TECH

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

READING

RDG075	Personal Achievement Reading		No Credit
RDG095	College Reading		No Credit
RDG130	Effective Reading Strategies	PSYCH 131	3

RELIGION

REL101	Survey of World Religions	RELIG 205	3
REL120	Judaism, Christianity, and Islam	RELIG 1T**	3
REL125	Introduction to Islam	RELIG 1T**	3
REL130	Introduction to Religions of the East	RELIG 1T**	3
REL140	Religion in the United States	RELIG 210	3
REL145	Introduction to Christianity	RELIG 1T**	3
REL160	Religions of China	RELIG 1T**	3
REL165	Japanese Religions	RELIG 1T**	3
REL924	Honors Project	RELIG 2T**	1
REL928	Independent Study	RELIG 2T**	1-3

SCIENCE

SCI120	Forensic Science	SCI 1T**	3
SCI122	Forensic Science Laboratory	SCI 1T**	1
SCI136	Field Exp in Environmental & Natural Sciences	SCI 1T**	1-3

STUDENT DEVELOPMENT

SDV052-093	By Title		No Credit
SDV101	How to Be Successful in College	PSYCH 1T**	3
SDV105	How College Works	LAS 1T**	3
SDV109	College 101	ORIEN 1T**	3
SDV119	Information Literacy	LIB 160	1
SDV121	College Prep Seminar	LAS 1T**	3
SDV135	Job Seeking Skills	CAREER/TECH	
SDV170	Career Decision Making	U ST 1T**	3
SDV175	Tools for Life Seminar	PSYCH 1T**	3
SDV178	Stress Management	PSYCH 1T**	1
SDV190	Mental Health First Aid	H S 1T**	1
SDV207	Liberal Arts Passport	LAS 2T**	1
SDV928	Independent Study	PSYCH 1T**	1-3

SUSTAINABLE ENERGY RESOURCES

SER126-932	By Title	CAREER/TECH	
------------	----------	-------------	--

SOCIOLOGY

SOC110	Introduction to Sociology	SOC 134	3
SOC115	Social Problems	SOC 235	3
SOC120	Marriage and Family	SOC 219	3
SOC135*	Death and Dying	HD FS 1T**	3
SOC200	Minority Group Relations	SOC 2T**	3
SOC220	Sociology of Aging	SOC 2T**	3
SOC265	Lesbian, Gay, Bisexual, Transgender Studies	WGS 2T**	3
SOC284	Sociology of the Environment	SOC 2T**	3
SOC924	Honors Project	SOC 2T**	1
SOC928	Independent Study	SOC 2T**	1

**Updated January 22, 2020*

KIRKWOOD COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

SPEECH

SPC101	Fundamentals of Oral Communication	SP CM 212	3
SPC112	Public Speaking	SP CM 212	3
SPC122	Interpersonal Communication	COMST 102	3
SPC132	Group Communication	COMST 1T**	3
SPC924	Honors Project	SP CM 2T**	1
SPC928	Independent Study	SP CM 2T**	1-3

SURGICAL TECHNOLOGY

SUR126-523	By Title	CAREER/TECH	
------------	----------	-------------	--

UTILITIES

UTL260-270	By Title	CAREER/TECH	
------------	----------	-------------	--

VINEYARD MANAGEMENT

VIN105-106	Introduction to Wine Science	CAREER/TECH	
------------	------------------------------	-------------	--

WATER ENVIRONMENTAL TECHNOLOGY

WAT210-932	By Title	CAREER/TECH	
------------	----------	-------------	--

WELDING

WEL153-932	By Title	CAREER/TECH	
------------	----------	-------------	--

WIND ENERGY & TURBINE TECH

WTT101-932	By Title	CAREER/TECH	
------------	----------	-------------	--

Updated January 22, 2020