

Course Equivalency Guide

between

Iowa State University
515 294-5836
www.iastate.edu

and

Iowa Valley Community College District
www.iavalley.edu

Ellsworth
800 322-9235

Grinnell
800 756-0513

Marshalltown
866 622-4748

***Based on the Iowa Valley Community College District 2020-2021 General Catalog and the
2020-2021 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.

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>ACCOUNTING</u>			
ACC111	Introduction to Accounting	ACCT 1T**	3
ACC121	Principles of Accounting I	ACCT 284	3
ACC122	Principles of Accounting II	ACCT 285	3
ACC161	Payroll Accounting	ACCT 2T**	3
ACC261	Income Tax Accounting	ACCT 2T**	3
ACC311	Computer Accounting	ACCT 2T**	3
ACC907	Co-op Field Experience	ACCT 2T**	Variable
ACC917	Experimental Course	ACCT 2T**	Variable
ACC929	Individual Projects	ACCT 2T**	Variable
<u>ADMINISTRATIVE ASSISTANT</u>			
ADM105-929	By Title	CAREER/TECH	
<u>ASSOCIATE DEGREE NURSING</u>			
ADN114-917	By Title	CAREER/TECH	
<u>AGRICULTURE - AGRONOMY</u>			
AGA114	Principles of Agronomy	AGRON 181	3
AGA154	Fundamentals of Soil Science	AGRON 182	3
AGA159	Livestock Nutrient Management	TSM 1T**	2
AGA211	Grain and Forage Crops	AGRON 280	3
AGA220	Perennial Crops	HORT 1T**	3
AGA284	Pesticide Application Certification	ENT 283	3
AGA290	Spring Field Operations	CAREER/TECH	
AGA334	Forage Production	AGRON 1T**	3
AGA378	Sustainable Pest Management	AGRON 1T**	3
AGA450	Issues in Sustainable Agriculture	AGRON 1T**	3
AGA455	Organic Crop Production	AGRON 1T**	3
AGA460	Production Problem Solving	ECON 1T**	3
AGA470	Safety in the Food Systems	TSM 1T**	3
AGA917	Experimental Course	CAREER/TECH	
<u>AGRICULTURE - FARM MANAGEMENT</u>			
AGB212	Agriculture Law and Taxation	CAREER/TECH	
AGB225	Farmstead Planning and Technology	TSM 1T**	3
AGB235	Introduction to Agriculture Markets	ECON 235	3
AGB330	Farm Business Management	ECON 230	3
AGB331	Entrepreneurship in Agriculture	ECON 1T**	3
AGB334	Applied Systems Thinking	ECON 1T**	3
AGB336	Agricultural Selling	ECON 2T**	3
AGB437	Commodity Marketing	ECON 2T**	3
AGB933	Practicum/Apprenticeship	CAREER/TECH	
AGC102	Computers in Agriculture	TSM 1T**	2
AGC103	Ag Computers	CAREER/TECH	
AGC216	Career Seminar	AGEDS 1T**	2
AGC240-929	By Title	CAREER/TECH	
<u>AGRICULTURE - EQUINE</u>			
AGE115	Light Horse Management	AN S 216	2
AGE121-140	By Title	CAREER/TECH	
AGE145	Fundamentals of Riding	AN S 1T**	3

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>AGRICULTURE - EQUINE, continued</u>			
AGE151	Equitation II	AN S 1T**	1
AGE160	Instructing Horsemanship	AN S 1T**	2
AGE165	Horse Husbandry	AN S 1T**	2
AGE175	Equitation I	AN S 1T**	2
AGE200	Stable Management	AN S 217	2
AGE204	Equine Anatomy and Physiology	AN S 2T**	3
AGE207	Introduction to Veterinary Tech	AN S 2T**	2
AGE208	Breeding Management	AN S 2T**	3
AGE214-215	By Title	CAREER/TECH	
AGE220	Young Horse Care and Handling	AN S 2T**	2
AGE225-227	Young Horse Training I, II, III	AN S 2T**	2 each
AGE228	Equine Training Theory I	CAREER/TECH	
AGE235-237	Advanced Horse Training I, II, III	AN S 2T**	2 each
AGE245	Equine Driving Skills & Technology	AN S 2T**	2
AGE260	Introduction to Farrier Science	AN S 2T**	1
AGE272	Intercollegiate Horse Show Assoc.	AN S 2T**	1
AGE907-945	By Title	CAREER/TECH	
<u>AGRICULTURE - HORTICULTURE</u>			
AGH265	Horticultural Crops	HORT 1T**	3
<u>AGRICULTURE - MECHANICS</u>			
AGM110-414	By Title	CAREER/TECH	
<u>AGRICULTURE - PRECISION AG</u>			
AGP333	Precision Farming Systems	TSM 2T**	3
AGP435-917	By Title	CAREER/TECH	
<u>AGRICULTURE - ANIMAL SCIENCE</u>			
AGS113	Survey of the Animal Industry	AN S 114	3
AGS225	Swine Science	AN S 225	3
AGS226	Beef Cattle Science	AN S 226	3
AGS242	Animal Health	AN S 2T**	3
AGS270	Foods of Animal Origin	AN S 270	3
AGS305	Livestock Evaluation	CAREER/TECH	
AGS308	Livestock Management	AN S 1T**	3
AGS319	Animal Nutrition	AN S 2T**	3
AGS331	Animal Reproduction	AN S 2T**	3
AGS505	Swine Unit Maintenance	CAREER/TECH	
AGS510	Swine Confinement Systems	AN S 1T**	2
AGS515-946	By Title	CAREER/TECH	
<u>ANTHROPOLOGY</u>			
ANT105	Cultural Anthropology	ANTHR 201	3
<u>ART</u>			
ART101	Art Appreciation	ART 1T**	3
ART120	2-D Design	ART 1T**	3
ART123	3-D Design	ART 1T**	3
ART124	Computer Art	ART 1T**	3
ART133	Drawing	ART 1T**	3

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

ART, continued

ART134	Drawing II	ART 1T**	3
ART135	Drawing III	ART 1T**	3
ART143, 144	Painting I, II	ART 1T**	3 each
ART163, 164	Sculpture I, II	ART 1T**	3 each
ART173, 174	Ceramics I, II	ART 1T**	3 each
ART184, 185	Photography I, II	ART 1T**	3 each
ART187	Creative Photography	ART 1T**	3
ART203	Art History I	ART H 280	3
ART204	Art History II	ART H 281	3
ART907	Co-op Field Experience	ART 2T**	Variable
ART917	Experimental Course	ART 2T**	Variable
ART929	Individual Projects	ART 2T**	Variable

AMERICAN SIGN LANGUAGE

ASL131	American Sign Language I	ASL 101	3
ASL161	American Sign Language II	ASL 102	3
ASL917	Experimental Course	ASL 2T**	Variable

AUTOMOTIVE TECHNOLOGY

AUT115-917	By Title	CAREER/TECH	
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BUSINESS COMPUTER APPLICATION

BCA134-917	By Title	CAREER/TECH	
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BIOLOGY

BIO105	Introductory Biology	BIOL 1T**	4
*BIO112	General Biology I	BIOL 2T**	4
*BIO113	General Biology II	BIOL 2T**	4

**When BIO 112 and BIO 113 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIO132	Animal Care and Rehabilitation	A ECL 1T**	2
BIO138	Field Ecology	BIOL 1T**	3
BIO144	Field Biology: Spring Flowers	BIOL 1T**	1
BIO145	Ecology of Iowa	BIOL 1T**	3
BIO146	Genetics	BIOL 1T**	3
BIO147	Genetics	BIOL 1T**	4
BIO151	Nutrition	FS HN 167	3
*BIO168	Human Anatomy and Physiology I	BIOL 1T**	4
BIO171	IA Vertebrate Ecology I: Fish, Amphibians, Rep	A ECL 1T**	3
*BIO173	Human Anatomy and Physiology II	BIOL 1T**	4

**When BIO 168 and BIO 173 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO186	Microbiology	MICRO 2T**	4
BIO271	IA Vertebrate Ecology II: Mammals and Birds	A ECL 2T**	3
BIO532	Human Body: Health and Disease	H S 2T**	3
BIO741-744	By Title	CAREER/TECH	
BIO901	Introduction to Research in Biology	BIOL 2T**	1
BIO907	Co-op Field Experience	BIOL 2T**	Variable
BIO917	Experimental Course	BIOL 2T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

BIOLOGY, continued

BIO927	Honors Study	BIOL 2T**	Variable
BIO929	Individual Projects	BIOL 2T**	Variable

BUSINESS

BUS102	Introduction to Business	BUSAD 1T**	3
BUS120	Applied Systems Thinking	BUSAD 1T**	3
BUS130	Introduction to Entrepreneurship	BUSAD 1T**	3
BUS141	Small Business Startup	CAREER/TECH	
BUS150	E-Commerce	MIS 2T**	3
BUS161	Human Relations	CAREER/TECH	
BUS182	Intro to Law	ACCT 215	3
BUS185	Business Law I	ACCT 215	3
BUS220	Intro to International Business	BUSAD 2T**	3
BUS230	Quantitative Methods for Bus. Decisionmaking	MATH 150	3
BUS235	Calculus for Business and Social Science	MATH 151	3
BUS291	Employment Portfolio and Career Development	BUSAD 2T**	2
BUS917	Experimental Course	BUSAD 2T**	Variable
BUS927	Honors Study	BUSAD 2T**	Variable
BUS929	Individual Projects	BUSAD 2T**	Variable
BUS932	Internship	BUSAD 2T**	Variable

CHEMISTRY

CHM103	Metallurgy	CAREER/TECH	
CHM122	Introduction to General Chemistry	CHEM 163	3
	Introduction to General Chemistry Lab	CHEM 163L	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
CHM261	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 331L	1
CHM271	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 332L	1
CHM290	Survey of Biochemistry	BBMB 2T**	3
CHM917	Experimental Course	CHEM 2T**	Variable
CHM927	Chemistry Honors Seminar	CHEM 2T**	1
CHM929	Individual Projects	CHEM 2T**	Variable

COMPUTER PROGRAMMING

CIS125	Intro to Programming Logic w/Language	COM S 1T**	3
CIS161	C++	COM S 1T**	3
CIS207	Fundamentals of Web Programming	COM S 2T**	3
CIS281-450	By Title	CAREER/TECH	
CIS917	Experimental Course	COM S 2T**	Variable
CIS929	Individual Projects	COM S 2T**	Variable

CULTURAL STUDIES

CLS150	Latin American History and Culture	LAS 1T**	3
CLS201	Cultural Perspectives	LAS 2T**	1
CLS917	Experimental Course	HUM 2T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

CONSERVATION TECHNOLOGY

CNS140	Parks, Planning and Maintenance	KIN 1T**	3
CNS150	Occupations in Conservation	AGRON 1T**	1
CNS160	Applications of Global Positioning Systems	NREM 1T**	2
CNS170	Wildland Firefighting	NREM 1T**	3
CNS907	Co-op Field Experience	AGRON 2T**	Variable
CNS917	Experimental Course	AGRON 2T**	Variable
CNS929	Individual Projects	AGRON 2T**	Variable

COMMUNICATION

COM148	Diversity and the Media	JL MC 1T**	3
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CONSTRUCTION

CON105-929	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ100	Intro to Criminal Justice	CJ ST 240	3
CRJ101	Ethics in Criminal Justice	CJ ST 1T**	3
CRJ110	Patrol Procedures	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
CRJ141	Criminal Investigation	CJ ST 1T**	3
CRJ145	Police Photography	CJ ST 1T**	3
CRJ160	Introduction to Forensic Investigation	CJ ST 1T**	3
CRJ183	Terrorism and Homeland Security	CJ ST 1T**	3
CRJ200	Criminology	SOC 2T**	3
CRJ201	Juvenile Delinquency	SOC 241	3
CRJ210	Law Enforcement Management	CJ ST 2T**	3
CRJ211	Multicultural Policing	CJ ST 2T**	3
CRJ212	Community-Oriented Policing	CJ ST 2T**	3
CRJ251	Firearms	CJ ST 2T**	3
CRJ907	Co-op Field Experience	CJ ST 2T**	3
CRJ917	Experimental Course	CJ ST 2T**	Variable
CRJ929	Individual Projects	CJ ST 2T**	Variable

COMPUTER SCIENCE

CSC110	Introduction to Computers	COM S 103	3
CSC116	Information Computing	COM S 113	3
CSC119	Computer Systems and Applications II	MIS 1T**	3
CSC120	Computer Systems and Applications III	MIS 1T**	3

DENTAL ASSISTANT

DEA103-702	By Title	CAREER/TECH	
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FILM AND THEATRE

DRA102	Elements of Theatre	THTRE 106	3
DRA110	Introduction to Film	ENGL 237	3
DRA120	Introduction to Stage Management	THTRE 1T**	3
DRA130	Acting I	THTRE 251	3
DRA150	Play Production	THTRE 1T**	Variable
DRA160	Production Studio	THTRE 1T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

FILM AND THEATRE, continued

DRA 164	Drafting Scenery	THTRE 1T**	3
DRA165	Stagecraft	THTRE 255	3
DRA169	Drafting Light Plots	THTRE 1T**	2
DRA190	Lighting Design Technology I	THTRE 1T**	3
DRA195	Scene Design Technology I	THTRE 1T**	3
DRA917	Experimental Course	THTRE 2T**	Variable
DRA929	Individual Projects	THTRE 2T**	Variable
DRA932	Summer Repertory Internship	THTRE 2T**	3
DRA953	Theater Practicum	THTRE 2T**	Variable

DIESEL

DSL837	Commercial Driver's License & Tools	CAREER/TECH	
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EARLY CHILDHOOD EDUCATION

ECE103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE105	Technology in Early Childhood	EDUC 1T**	1
ECE120	Communication With Families	HD FS 1T**	2
ECE133	Child Health, Safety and Nutrition	HD FS 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 1T**	3
ECE274	Field Experience	EDUC 2T**	2
ECE280	Student Teaching in Child Care	HD FS 2T**	5
ECE917	Experimental Course	HD FS 2T**	Variable

ECONOMICS

ECN115	Personal Finance	HD FS 283	3
ECN120	Principles of Macroeconomics	ECON 102	3
ECN130	Principles of Microeconomics	ECON 101	3
ECN907	Co-op Field Experience	ECON 2T**	Variable
ECN917	Experimental Course	ECON 2T**	Variable
ECN929	Individual Projects	ECON 2T**	Variable

EDUCATION

EDU160	Human Growth and Development	PSYCH 230	3
EDU213	Introduction to Education	EDUC 204	3
EDU223	Multicultural Education	EDUC 2T**	3
EDU235	Children's Literature	HD FS 240	3
EDU240	Educational Psychology	PSYCH 333	3
EDU245	Exceptional Learner	SP ED 250	3
EDU255	Technology in the Classroom	EDUC 201	3
EDU260	Art for the Elementary Educator	ARTED 211	3
EDU282	Field Experience: Exploring Teaching	EDUC 2T**	1
EDU917	Experimental Course	EDUC 2T**	Variable
EDU927	Honors Study	EDUC 2T**	Variable
EDU929	Individual Projects	EDUC 2T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>ENGINEERING TECHNOLOGY</u>			
EGT127	Statics and Strength	TSM 2T**	4
EGT128	Statics	E M 274	3
EGT141	Fluid Power	TSM 2T**	3
EGT182-183	By Title	CAREER/TECH	
EGT186	Engineering Problems with Programming	ENGR 160	3
EGT192	Engineering Graphics and Design	ENGR 170	3
EGT400-470	By Title	CAREER/TECH	
EGT917	Experimental Course	ENGR 2T**	Variable
EGT929	Individual Projects	ENGR 2T**	Variable
<u>ELECTRICAL TECHNOLOGY</u>			
ELE151-917	By Title	CAREER/TECH	
<u>ELECTRONICS</u>			
ELT111-815	By Title	CAREER/TECH	
<u>ENGLISH COMPOSITION</u>			
ENG017-074	By Title		No Credit
ENG105	Composition I	ENGL 150	3
ENG106	Composition II	ENGL 250	3
ENG109	Integrated Composition	ENGL 1T**	Variable
ENG111	Technical Writing	ENGL 2T**	3
ENG221	Creative Writing	ENGL 2T**	3
ENG917	Experimental Course	ENGL 2T**	Variable
ENG927	Honors Study	ENGL 2T**	Variable
ENG929	Individual Projects	ENGL 2T**	Variable
<u>ENVIRONMENTAL SCIENCE</u>			
ENV120	Environmental Biology	BIOL 173	3
ENV121	Environmental Biology Lab	BIOL 1T**	1
ENV122	Environmental Biology	BIOL 2T**	4
ENV917	Experimental Course	BIOL 2T**	Variable
<u>NON-INTENSIVE ESL</u>			
ESL003-917	By Title		No Credit
<u>FINANCE</u>			
FIN101	Principles of Banking	FIN 1T**	3
FIN180	Introduction to Investments	FIN 1T**	3
FIN917	Experimental Course	BUSAD 2T**	Variable
FIN929	Individual Projects	BUSAD 2T**	Variable
<u>FOREIGN LANGUAGE - GERMAN</u>			
FLG141	Elementary German I	GER 101	4
FLG142	Elementary German II	GER 102	4
<u>FOREIGN LANGUAGE - RUSSIAN</u>			
FLR917	Experimental Course	RUS 2T**	Variable
FLR929	Individual Projects	RUS 2T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>FOREIGN LANGUAGE - SPANISH</u>			
FLS30	Occupational Spanish: Swine Management	CAREER/TECH	
FLS128	Conversational Spanish		No Credit
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
FLS917	Experimental Course	SPAN 2T**	Variable
FLS929	Individual Projects	SPAN 2T**	Variable
<u>GEOGRAPHY</u>			
GEO121	World Regional Geography	S SCI 1T**	3
GEO917	Experimental Course	S SCI 2T**	Variable
GEO929	Individual Projects	S SCI 2T**	Variable
<u>GEOGRAPHIC INFORMATION SYSTEMS</u>			
GIS111	Introduction to Geographic Information Systems	ENSCI 1T**	3
GIS128	Intro to UAV Systems and Flights	CAREER/TECH	
GIS130	Remote Sensing	ENSCI 1T**	3
GIS213	Intermediate GIS	ENSCI 2T**	4
GIS917	Experimental Course	ENSCI 2T**	Variable
<u>GRAPHIC COMMUNICATIONS</u>			
GRA110-917	By Title	CAREER/TECH	
<u>GUNSMITH</u>			
GUS102-932	By Title	CAREER/TECH	
<u>HOSPITALITY, CULINARY & MANAGEMENT</u>			
HCM100-511	By Title	CAREER/TECH	
<u>HEATING AND AIR CONDITIONING</u>			
HCR101	Basic Heat/Air Conditioning & Refrigeration	CAREER/TECH	
<u>HISTORY</u>			
HIS112	Western Civilization: Ancient to Early Modern	HIST 201	4
HIS113	Western Civilization: Early Modern to Present	HIST 202	4
HIS142	Middle Eastern Studies	HIST 1T**	3
HIS145	Modern East Asian Cultures	HIST 1T**	3
HIS151	U.S. History to 1877	HIST 221	3
HIS152	U.S. History since 1877	HIST 222	3
HIS214	Russian History and Culture	HIST 2T**	3
HIS254	American Indian History	HIST 2T**	3
HIS257	African American History	HIST 2T**	3
HIS917	Experimental Course	HIST 2T**	Variable
HIS927	Honors Study	HIST 2T**	Variable
HIS929	Individual Projects	HIST 2T**	Variable
<u>HEALTH SCIENCES</u>			
HSC110-929	By Title	CAREER/TECH	

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

HUMANITIES

HUM118	Humanities: Experience & Expression	HUM 1T**	Variable
HUM287	Leadership Development Studies	LD ST 2T**	3
HUM917	Experimental Course	HUM 2T**	Variable
HUM927	Honors Study	HUM 2T**	Variable

INDUSTRIAL TECHNOLOGY

IND105-917	By Title	CAREER/TECH	
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JOURNALISM

JOU110	Introduction to Mass Media	JL MC 101	3
JOU146	Publications Staff	JL MC 1T**	1
JOU917	Experimental Course	JL MC 2T**	Variable
JOU929	Individual Projects	JL MC 2T**	Variable

LITERATURE

LIT101	Introduction to Literature	ENGL 201	3
LIT110	American Literature to Mid-1800's	ENGL 227	3
LIT111	American Literature since Mid-1800's	ENGL 228	3
LIT120	American Novel	ENGL 2T**	3
LIT133	Minority Voices in US Literature	ENGL 2T**	3
LIT150	World Literature I	ENGL 2T**	3
LIT151	World Literature II	ENGL 2T**	3
LIT164	Modern Short Novel	ENGL 2T**	3
LIT180	Mythology	ENGL 2T**	3
LIT188	Detective Fiction	ENGL 2T**	3
LIT199	Literature of the Fantastic	ENGL 2T**	3
LIT917	Experimental Course	ENGL 2T**	Variable
LIT927	Honors Study	ENGL 2T**	Variable
LIT929	Individual Projects	ENGL 2T**	Variable

MEDICAL ASSISTANT

MAP111-917	By Title	CAREER/TECH	
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MATHEMATICS

MAT005-046	By Title		No Credit
MAT052	Pre-Algebra	MATH 25	No Credit
MAT062	Elementary Algebra	MATH 25	No Credit
MAT074-098	By Title		No Credit
MAT110	Math for Liberal Arts	MATH 1T**	3
MAT117	Math for Elementary Teachers	MATH 195	3
MAT121	College Algebra	MATH 140	4
MAT129	Precalculus	MATH 143	5
MAT132	Algebra, Geometry and Trigonometry	MATH 1T**	4
MAT140	Finite Math	MATH 150	3
MAT156	Statistics	STAT 104	3
MAT158	Statistics II	STAT 1T**	3
MAT165	Business Calculus	MATH 151	3
MAT210	Calculus I	MATH 165	4
MAT216	Calculus II	MATH 166	4
MAT219	Calculus III	MATH 265	4
MAT267	Differential Equations	MATH 267	4

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>MATHEMATICS, continued</u>			
MAT743-791	By Title	CAREER/TECH	
MAT917	Experimental Course	BY REVIEW	Variable
MAT927	Honors Study	MATH 2T**	Variable
<u>MANUFACTURING</u>			
MFG101-917	By Title	CAREER/TECH	
<u>MANAGEMENT</u>			
MGT101	Principles of Management	MGMT 2T**	3
MGT130	Principles of Supervision	MGMT 2T**	3
<u>MARKETING</u>			
MKT110	Principles of Marketing	MKT 2T**	3
MKT140	Principles of Selling	MKT 2T**	3
MKT150	Principles of Advertising	ADVRT 2T**	3
MKT160	Principles of Retailing	MKT 2T**	3
MKT181-945	By Title	CAREER/TECH	
<u>MASS MEDIA STUDIES</u>			
MMS105-932	By Title	CAREER/TECH	
<u>MUSIC - APPLIED</u>			
MUA101	Applied Voice	MUSIC 1T**	1
MUA120	Applied Piano	MUSIC 1T**	1
<u>GENERAL MUSIC</u>			
MUS100	Music Appreciation	MUSIC 102	3
MUS140	Concert Choir	MUSIC 1T**	1
MUS145	Concert Band	MUSIC 1T**	1
MUS148	College Community Band	MUSIC 1T**	1
MUS149	Pep Band	MUSIC 1T**	1
MUS152	Vocal Ensemble	MUSIC 1T**	1
MUS162	Instrumental Ensembles	MUSIC 1T**	1
MUS205	Jazz History and Appreciation	MUSIC 2T**	3
MUS907	Co-op Field Experience	MUSIC 2T**	Variable
MUS917	Experimental Course	MUSIC 2T**	Variable
MUS929	Individual Projects	MUSIC 2T**	Variable
<u>COMPUTER NETWORKING</u>			
NET123-929	By Title	CAREER/TECH	
<u>PHYSICAL EDUCATION ACTIVITIES</u>			
PEA102	Aerobic Fitness I	KIN 1T**	1
PEA117	Bowling I	KIN 1T**	1
PEA118	Bowling/Golf I	KIN 1T**	1
PEA134	Golf I	KIN 135	1
PEA138	Lifeguard Training I	KIN 1T**	1
PEA146	Physical Fitness I	KIN 1T**	1
PEA151	Racquet Sports I	KIN 1T**	1
PEA154	Racquetball I	KIN 144	1
PEA160	Soccer I	KIN 185	1

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>PHYSICAL EDUCATION ACTIVITIES, continued</u>			
PEA174	Tennis I	KIN 158	1
PEA181	Water Safety Instruction I	KIN 2T**	1
PEA183	Water Safety Instruction/Lifeguarding	KIN 2T**	2
PEA187	Weight Training I	KIN 166	1
PEA190	Yoga/Stretching I	KIN 1T**	1
PEA917	Experimental Course	KIN 2T**	Variable
<u>COACHING OFFICIATING</u>			
PEC102	Coaching Authorization	KIN 1T**	5
PEC109	Coaching Ethics, Techniques & Theory	KIN 1T**	1.5
PEC115	Athletic Development and Human Growth	KIN 1T**	1
PEC120	Body Structure and Function	KIN 1T**	1
PEC130	Care and Prevention of Athletic Injuries	KIN 1T**	1.5
PEC151	Theory of Coaching Soccer	KIN 1T**	2
PEC180	Sports Officiating: Football, Wrestling, Volleyball	KIN 1T**	2
PEC182	Sports Officiating: Basketball, Softball, Baseball	KIN 1T**	2
PEC917	Experimental Course	KIN 2T**	Variable
<u>GENERAL PHYSICAL EDUCATION AND HEALTH</u>			
PEH102	Health	H S 110	3
PEH110	Personal Wellness	KIN 1T**	2
PEH142	First Aid	H S 105	3
PEH150	Basic Cardiac Life Support	H S 1T**	1
PEH161	Introduction to Physical Education	KIN 1T**	2
PEH175	Sports Psychology	KIN 1T**	2
PEH210	Elementary Physical Education	KIN 284	3
PEH220	Lifestyle Management	KIN 2T**	1
PEH250	Swimming Pool Management	KIN 2T**	1
PEH255	Principles of Sports Management	KIN 2T**	3
PEH256	Current Issues in Sports Management	KIN 2T**	3
PEH260	Recreational Leadership	KIN 2T**	3
PEH917	Experimental Course	KIN 2T**	Variable
PEH929	Individual Projects	KIN 2T**	Variable
PEH932	Internship	KIN 2T**	3
<u>PHYSICAL EDUCATION TRAINING</u>			
PET105	Basic Athletic Training	A TR 220	3
PET115	Introduction to Taping	A TR 1T**	2
PET140, 150	Athletic Training Practicum I, II	A TR 1T**	1 each
PET170, 180	Athletic Training Practicum III, IV	A TR 1T**	3 each
PET189, 191	Advanced Athletic Training I, II	A TR 1T**	3 each
PET917	Experimental Course	A TR 2T**	Variable
<u>INTERCOLLEGIATE PHYSICAL EDUCATION</u>			
PEV115	Varsity Baseball	ATH 1T**	1
PEV120	Varsity Basketball	ATH 101B	1
PEV130	Varsity Cross Country	ATH 1T**	1
PEV135	Varsity Football	ATH 101F	1
PEV140	Varsity Golf	ATH 101G	1
PEV150	Varsity Soccer	ATH 1T**	1
PEV156	Drill Team	KIN 1T**	1

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

INTERCOLLEGIATE PHYSICAL EDUCATION, continued

PEV160	Varsity Softball	ATH 101K	1
PEV170	Varsity Volleyball	ATH 101R	1
PEV180	Varsity Wrestling	ATH 101S	1
PEV190	Varsity Spirit Squad	KIN 1T**	1

PHILOSOPHY

PHI101	Introduction to Philosophy	PHIL 201	3
PHI105	Introduction to Ethics	PHIL 230	3
PHI917	Experimental Course	PHIL 2T**	Variable
PHI927	Honors Study	PHIL 2T**	Variable

PHYSICAL SCIENCE

PHS120	Exploring Physical Science	SCI 1T**	4
PHS142	Principles of Astronomy	ASTRO 120	3
PHS917	Experimental Course	SCI 2T**	Variable
PHS929	Individual Projects	SCI 2T**	Variable

COMMERCIAL PHOTOGRAPHY

PHT929	Individual Projects	JL MC 2T**	Variable
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PHYSICS

PHY106	Survey of Physics	PHYS 1T**	4
PHY121	Elements of Physics	PHYS 1T**	4
PHY162	College Physics I	PHYS 111	4
PHY172	College Physics II	PHYS 112	4
PHY212	Classical Physics I	PHYS 221	5
PHY222	Classical Physics II	PHYS 222	5
PHY917	Experimental Course	PHYS 2T**	Variable
PHY929	Individual Projects	PHYS 2T**	Variable

PRACTICAL NURSING

PNN110-917	By Title	CAREER/TECH	
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POLITICAL SCIENCE

POL111	American National Government	POL S 215	3
POL907	Co-op Field Experience	POL S 2T**	Variable
POL917	Experimental Course	POL S 2T**	Variable
POL927	Honors Study	POL S 2T**	Variable
POL929	Individual Projects	POL S 2T**	Variable

PARALEGAL

PRL 101-934	By Title	CAREER/TECH	
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PSYCHOLOGY

PSY111	Introduction to Psychology	PSYCH 101	3
PSY171	Health Psychology	PSYCH 1T**	3
PSY224	Adolescent Psychology	PSYCH 2T**	3
PSY241	Abnormal Psychology	PSYCH 2T**	3
PSY251	Social Psychology	PSYCH 280	3
PSY917	Experimental Course	PSYCH 2T**	Variable
PSY920	Field Experience	PSYCH 2T**	Variable

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

PSYCHOLOGY, continued

PSY927	Honors Study	PSYCH 2T**	Variable
PSY929	Individual Projects	PSYCH 2T**	Variable
PSY941	Practicum	PSYCH 2T**	Variable

READING

RDG036-929	By Title		No Credit
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RELIGION

REL101	Survey of World Religions	RELIG 205	3
REL917	Experimental Course	RELIG 2T**	Variable

STUDENT DEVELOPMENT

SDV022	Study Strategies		No Credit
SDV108	The College Experience	ORIEN 1T**	1
SDV113	Strategies for Academic Success	PSYCH 131	2
SDV135	Job Seeking Skills	CAREER/TECH	
SDV182	Human Potential Seminar	SOC 1T**	2
SDV185	Advanced Human Potential Seminar	SOC 1T**	2
SDV194	Team Building	COMST 1T**	2
SDV208	College Experience for International Students	ORIEN 2T**	1
SDV917	Experimental Course	XXX 2T**	Variable
SDV927	Honors Study	XXX 2T**	Variable
SDV929	Individual Projects	LAS 2T**	Variable

SOCIOLOGY

SOC110	Introduction to Sociology	SOC 134	3
SOC115	Social Problems	SOC 235	3
SOC120	Marriage and Family	SOC 219	3
SOC160	Introduction to Social Work	SOC 1T**	3
SOC210	Men, Women and Society	SOC 2T**	3
SOC917	Experimental Course	SOC 2T**	Variable
SOC927	Honors Study	SOC 2T**	Variable
SOC929	Individual Projects	SOC 2T**	Variable

SPEECH

SPC112	Public Speaking	SP CM 212	3
SPC120	Intercultural Communications	COMST 1T**	3
SPC122	Interpersonal Communication	COMST 102	3
SPC917, 929	By Title	SP CM 2T**	Variable

WELDING

WEL103-917	By Title	CAREER/TECH	
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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS