

IOWA VALLEY COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>ACCOUNTING</u>			
ACC111-112	By Title	CAREER/TECH	
ACC121	Principles of Accounting I	ACCT 284	3
ACC122	Principles of Accounting II	ACCT 285	3
ACC161	Payroll Accounting	ACCT 2T**	3
ACC211	Intermediate Accounting I	ACCT 2T**	3
ACC212	Intermediate Accounting II	ACCT 2T**	3
ACC221	Cost 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
ACC946	Seminar	CAREER/TECH	
<u>ADMINISTRATIVE ASSISTANT</u>			
ADM105-936	By Title	CAREER/TECH	
<u>ASSOCIATE DEGREE NURSING</u>			
ADN114-917	By Title	CAREER/TECH	
<u>AGRICULTURE - AGRONOMY</u>			
AGA114	Principles of Agronomy	AGRON 114	3
AGA154	Fundamentals of Soil Science	AGRON 1T**	3
AGA159	Livestock Nutrient Management	TSM 1T**	2
AGA211	Grain and Forage Crops	AGRON 212	3
AGA220	Perennial Crops	HORT 1T**	3
AGA284	Pesticide Application Certification	ENT 283	3
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	AGRON 1T**	3
AGA470	Safety in the Food Systems	TSM 1T**	3
<u>AGRICULTURE - FARM MANAGEMENT</u>			
AGB220	Property Ownership and Financing	ECON 1T**	3
AGB225	Farmstead Planning and Technology	TSM 1T**	3
AGB235	Introduction to Agriculture Markets	ECON 1T**	3
AGB320	Farm Machinery Management	TSM 1T**	3
AGB322	Buildings and Equipment	CAREER/TECH	
AGB330	Farm Business Management	ECON 1T**	3
AGB331	Entrepreneurship in Agriculture	ECON 1T**	3
AGB334	Applied Systems Thinking	ECON 1T**	3
AGB336	Agricultural Selling	ECON 1T**	3
AGB437	Commodity Marketing	ECON 1T**	3
AGB470	Farm Records, Accounts, Analysis	ECON 1T**	3
AGB933	Practicum/Apprenticeship	CAREER/TECH	

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>AGRICULTURE - COMPREHENSIVE</u>			
AGC102	Computers in Agriculture	TSM 1T**	2
AGC216	Career Seminar	AGEDS 1T**	2
AGC907-929	By Title	CAREER/TECH	
<u>AGRICULTURE - EQUINE</u>			
AGE105-945	By Title	CAREER/TECH	
<u>AGRICULTURE - HORTICULTURE</u>			
AGH265	Horticultural Crops	HORT 1T**	3
<u>AGRICULTURE - PRECISION AG</u>			
AGP333-335	By Title	CAREER/TECH	
<u>AGRICULTURE - ANIMAL SCIENCE</u>			
AGS113	Survey of the Animal Industry	AN S 114	3
AGS216	Equine Science	CAREER/TECH	
AGS225	Swine Science	AN S 225	3
AGS226	Beef Cattle Science	AN S 226	3
AGS242	Animal Health	AN S 2T**	3
AGS270-305	By Title	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 Housing Systems	AN S 1T**	2
AGS515-946	By Title	CAREER/TECH	
<u>ANTHROPOLOGY</u>			
ANT105	Cultural Anthropology	ANTHR 201	3
<u>APPAREL MERCHANDISING</u>			
APP105	Introduction to Fashion Marketing	T C 2T**	3
APP150	Clothing Selection	T C 1T**	3
APP160	Sewn Products Analysis	T C 231	3
APP210	Apparel Textiles	T C 1T**	3
APP800-907	By Title	CAREER/TECH	
APP917	Experimental Course	FCEDS 2T**	Variable
APP918	Experimental Course: Fashion	CAREER/TECH	
APP929	Individual Projects	FCEDS 2T**	Variable
APP930	Individual Projects: Fashion	CAREER/TECH	
<u>ART</u>			
ART101	Art Appreciation	ART 292	3
ART102	Art for Elementary Education	ARTED 211	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
ART134	Drawing II	ART 1T**	3
ART135	Drawing III	ART 1T**	3
ART143, 144	Painting I, II	ART 1T**	3 each

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

ART, continued

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	WLC 1T**	3
ASL161	American Sign Language II	WLC 1T**	3
ASL917	Experimental Course	WLC 2T**	Variable

AUTOMOTIVE TECHNOLOGY

AUT115-870	By Title	CAREER/TECH	
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BUSINESS COMPUTER APPLICATION

BCA050	Fundamentals of Computer Operation		No Credit
BCA100-189	By Title	CAREER/TECH	

BIOLOGY

BIO105	Introductory Biology	BIOL 1T**	4
BIO111	General Biology	BIOL 211	3
	General Biology Lab	BIOL 211L	1
BIO112	General Biology I	BIOL 211	3
	General Biology I Lab	BIOL 211L	1
BIO113	General Biology II	BIOL 212	3
	General Biology II Lab	BIOL 212L	1
BIO125	Plant Biology	BIOL 1T**	4
BIO130	Animal Biology	BIOL 212	3
		BIOL 212L	1
BIO132	Animal Care and Rehabilitation	A ECL 1T**	2
BIO138	Field Ecology	BIOL 1T**	3
BIO140	Field Ecology II	BIOL 1T**	2
BIO142	Ecological Concepts	AGRON 1T**	3
BIO143	Iowa Habitats: Ecology and Management	BIOL 1T**	Variable
BIO144	Field Biology: Spring Flowers	BIOL 1T**	1
BIO146	Genetics	BIOL 313	3
BIO148	Human Genetics	GEN 260	3
BIO151	Nutrition	FS HN 167	3
BIO168	Human Anatomy and Physiology I	BIOL 1T**	4
BIO173	Human Anatomy and Physiology II	BIOL 1T**	4
BIO177	Human Anatomy	BIOL 255	3
	Human Anatomy Lab	BIOL 255L	1
BIO180	Human Physiology	BIOL 256	3
	Human Physiology Lab	BIOL 256L	1
BIO186	Microbiology	MICRO 2T**	4
BIO190	Introductory Biotechnology	BIOL 1T**	3
BIO192	Laboratory Technology I	BIOL 1T**	1

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BIOLOGY, continued

BIO193	Laboratory Technology 2	BIOL 2T**	1
BIO194	Government Regulations	BIOL 1T**	2
BIO245	Genetic Engineering	GEN 2T**	3
BIO290	Tissue Culture	BIOL 2T**	4
BIO532	Human Body: Health and Disease	BIOL 2T**	3
BIO907	Co-op Field Experience	BIOL 2T**	Variable
BIO917	Experimental Course	BIOL 2T**	Variable
BIO929	Individual Projects	BIOL 2T**	Variable

BIOPROCESS TECHNOLOGY

BPT160-917	By Title	CAREER/TECH	
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BUSINESS

BUS102	Introduction to Business	BUSAD 1T**	3
BUS111	Business Math	CAREER/TECH	
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
BUS186	Business Law II	ACCT 2T**	3
BUS 220	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
BUS929	Individual Projects	BUSAD 2T**	Variable
BUS932	Internship	BUSAD 2T**	Variable

COMPUTER AIDED DRAFTING

CAD105	CAD I	CAREER/TECH	
CAD185	2D CAD IA	TSM 1T**	3.5
CAD186	2D CAD IB	TSM 1T**	3.5
CAD187	2D CAD IIA	TSM 2T**	3.5
CAD188-917	By Title	CAREER/TECH	

CHEMISTRY

CHM101	Fundamentals of Chemistry	CHEM 50	No Credit
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
CHM210	Analytical Instrumentation	CHEM 211	3
	Analytical Instrumentation Lab	CHEM 211L	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

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

CHEMISTRY, continued

CHM290	Survey of Biochemistry	BBMB 2T**	3
CHM917	Experimental Course	CHEM 2T**	Variable
CHM929	Individual Projects	CHEM 2T**	Variable

COMPUTER PROGRAMMING

CIS125	Intro to Programming Logic w/Language	COM S 1T**	3
CIS126	Intro to Programming Logic w/Language	COM S 1T**	4
CIS152	Data Structures	COM S 1T**	3
CIS161	C++	COM S 1T**	3
CIS207	Fundamentals of Web Programming	COM S 2T**	3
CIS402	Cobol	COM S 201	3
CIS503	Intro to Systems Analysis	COM S 2T**	2
CIS504	Structured Systems Analysis	COM S 2T**	3
CIS582	Assembler	COM S 2T**	3
CIS588	Computer Organization	COM S 2T**	3
CIS917	Experimental Course	COM S 2T**	Variable
CIS929	Individual Projects	COM S 2T**	Variable
CIS952	Topics	COM S 2T**	Variable

CULTURAL STUDIES

CLS150	Latin American History and Culture	LAS 1T**	3
CLS163	Thai Culture	HUM 1T**	3
CLS917	Experimental Course	HUM 2T**	Variable

CONSERVATION TECHNOLOGY

CNS140	Parks, Planning and Maintenance	EX SP 1T**	3
CNS150	Occupations in Conservation	AGRON 1T**	1
CNS160	Applications of Global Positioning Systems	NREM 1T**	2
CNS917	Experimental Course	AGRON 2T**	Variable
CNS929	Individual Projects	AGRON 2T**	Variable

COMMUNICATION

COM712	Business Communications	CAREER/TECH	
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CONSTRUCTION

CON105-929	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ100	Intro to Criminal Justice	CJ ST 1T**	3
CRJ101	Ethics in Criminal Justice	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
CRJ200	Criminology	SOC 2T**	3
CRJ201	Juvenile Delinquency	CJ ST 2T**	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

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

CRIMINAL JUSTICE, continued

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

CSC118	Computer Systems and Applications	COM S 103	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	JL MC 1T**	3
DRA130	Acting I	THTRE 251	3
DRA145	Oral Interpretation	THTRE 2T**	3
DRA150	Play Production	THTRE 1T**	Variable
DRA160	Technical Theatre	THTRE 1T**	1
DRA165	Stagecraft	THTRE 255	3
DRA917	Experimental Course	THTRE 2T**	Variable
DRA929	Individual Projects	THTRE 2T**	Variable
DRA953	Work Experience	THTRE 2T**	Variable

EARLY CHILDHOOD EDUCATION

ECE103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE133	Child Health, Safety and Nutrition	HD FS 1T**	3
ECE140	Early Childhood Curriculum Planning	HD FS 2T**	3
ECE161	Creative Activities/ Materials for the Child	HD FS 1T**	3
ECE243	Early Childhood Guidance	HD FS 1T**	3
ECE270, 271	Practicum in Child Care I, II	HD FS 2T**	3 each
ECE280	Student Teaching in Child Care	HD FS 2T**	5
ECE290	Early Childhood Program Administration	HD FS 2T**	3
ECE917	Experimental Course	HD FS 2T**	Variable
ECE929	Individual Projects	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

EDU126	Observation and Management of Behavior	PSYCH 1T**	3
EDU140	Sign Language Shorthand	CMDIS 1T**	1
EDU160	Human Growth and Development	PSYCH 230	3
EDU175	Introduction to Human Disabilities and Services	HD FS 1T**	3
EDU213	Introduction to Education	C I 204	3
EDU235	Children's Literature	HD FS 240	3

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EDUCATION, continued

EDU240	Educational Psychology	PSYCH 333	3
EDU245	Exceptional Learner	SP ED 250	3
EDU255	Technology in the Classroom	C I 201	3
EDU282	Field Experience: Exploring Teaching	C I 2T**	1
EDU917	Experimental Course	C I 2T**	Variable
EDU929	Individual Projects	C I 2T**	Variable

ENGINEERING TECHNOLOGY

EGT127	Statics and Strength	TSM 2T**	4
EGT128	Statics	E M 274	3
EGT141	Fluid Power	TSM 2T**	3
EGT186	Engineering Problems with Programming	ENGR 160	3
EGT192	Engineering Graphics and Design	ENGR 170	3
EGT917	Experimental Course	ENGR 2T**	Variable
EGT929	Individual Projects	ENGR 2T**	Variable

ELECTRICAL

ELE153	National Electrical Code and Electrical Wiring	CAREER/TECH	
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ELECTRONICS

ELT111-815	By Title	CAREER/TECH	
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ENGLISH COMPOSITION

ENG002-061	By Title		No Credit
ENG105	Composition I	ENGL 150	3
ENG106	Composition II	ENGL 250	3
ENG111	Technical Writing	ENGL 2T**	3
ENG155	Honors Composition I	ENGL 150	3
ENG156	Honors Composition II	ENGL 250	3
ENG210	Advanced Critical Thinking in Writing	ENGL 2T**	3
ENG221	Introduction to Creative Writing	ENGL 2T**	3
ENG917	Experimental Course	ENGL 2T**	Variable
ENG929	Individual Projects	ENGL 2T**	Variable

ENVIRONMENTAL SCIENCE

ENV115	Environmental Science	ENV S 1T**	3
ENV120	Environmental Biology	BIOL 173	3
ENV122	Environmental Biology	BIOL 2T**	4
ENV917	Experimental Course	BIOL 2T**	Variable

NON-INTENSIVE ESL

ESL002-917	By Title		No Credit
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FINANCE

FIN105	AIB Principles of Banking	FIN 2T**	2
FIN917	Experimental Course	BUSAD 2T**	Variable
FIN929	Individual Projects	BUSAD 2T**	Variable

FIRE SCIENCE

FIR139-907	By Title	CAREER/TECH	
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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<u>FOREIGN LANGUAGE - RUSSIAN</u>			
FLR141	Elementary Russian I	RUS 101	4
FLR142	Elementary Russian II	RUS 102	4
FLR241	Intermediate Russian I	RUS 201	4
FLR242	Intermediate Russian II	RUS 202	4
FLR917	Experimental Course	RUS 2T**	Variable
FLR929	Individual Projects	RUS 2T**	Variable
<u>FOREIGN LANGUAGE - SPANISH</u>			
FLS030	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>GRAPHIC COMMUNICATIONS</u>			
GRA110	Graphic Arts Principles	ART 1T**	3
GRA127	Illustrator I	ART 1T**	3
GRA140	Digital Imaging	ART 1T**	3
GRA141	Digital Imaging II	ART 1T**	3
GRA917	Experimental Course	ART 2T**	Variable
<u>HEATING AND AIR CONDITIONING</u>			
HCR101	Basic Heat/Air Conditioning & Refrigeration	CAREER/TECH	
<u>HEAVY EQUIPMENT</u>			
HEQ125-126	By Title	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
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
HIS261	American Civil War	HIST 2T**	2
HIS917	Experimental Course	HIST 2T**	Variable
HIS929	Individual Projects	HIST 2T**	Variable
<u>HEALTH SCIENCES</u>			
HSC105-929	By Title	CAREER/TECH	

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HUMANITIES

HUM118	Humanities: Experience & Expression	HUM 1T**	Variable
HUM287	Leadership Development Studies	HUM 2T**	3

INDUSTRIAL TECHNOLOGY

IND105-917	By Title	CAREER/TECH	
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JOURNALISM

JOU110	Introduction to Mass Media	JL MC 101	3
JOU121	Newswriting and Reporting	JL MC 1T**	2
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
LIT127	American Folklore	ENGL 2T**	1
LIT129	African American Literature	ENGL 2T**	1
LIT133	Minority Voices in US Literature	ENGL 2T**	3
LIT140	British Literature I	ENGL 225	3
LIT141	British Literature II	ENGL 226	3
LIT150	World Literature I	ENGL 2T**	3
LIT151	World Literature II	ENGL 2T**	3
LIT162	The Short Novel	ENGL 2T**	1
LIT163	The Short Story	ENGL 2T**	1
LIT164	Modern Short Novel	ENGL 2T**	3
LIT179	Mythology	ENGL 2T**	2
LIT187	Detective Fiction	ENGL 2T**	2
LIT199	Literature of the Fantastic	ENGL 2T**	3
LIT917	Experimental Course	ENGL 2T**	Variable
LIT929	Individual Projects	ENGL 2T**	Variable

MEDICAL ASSISTANT

MAP111-602	By Title	CAREER/TECH	
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MASONRY

MAS110-929	By Title	CAREER/TECH	
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MATHEMATICS

MAT005-040	By Title		No Credit
MAT052	Pre-Algebra	MATH 25	No Credit
MAT062	Elementary Algebra	MATH 25	No Credit
*MAT072	Elementary Algebra II	MATH 100Z	3

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

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 2T**	5

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<u>MATHEMATICS, continued</u>			
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
MAT720-791	By Title	CAREER/TECH	
MAT917	Experimental Course	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
MKT162-946	By Title	CAREER/TECH	
<u>MASS MEDIA STUDIES/BROADCASTING</u>			
MMS102	Introduction to Broadcasting	JL MC 1T**	3
MMS105	Audio Production	JL MC 1T**	3
MMS110	Video Production	JL MC 1T**	1
MMS140	Radio - TV Writing	JL MC 1T**	3
MMS210	Video Production II	JL MC 2T**	1
MMS225	Advanced Television Production	JL MC 2T**	3
MMS245	Intro to Virtual Reality	JL MC 2T**	3
MMS250	Multimedia Design	JL MC 2T**	3
MMS932	Internship	JL MC 2T**	5
<u>APPLIED MUSIC</u>			
MUA101	Applied Voice	MUSIC 1T**	1
MUA102	Applied Voice II	MUSIC 1T**	1
MUA120	Applied Piano	MUSIC 1T**	1
MUA122	Applied Organ	MUSIC 1T**	1
MUA124	Applied Guitar	MUSIC 1T**	1
MUA126	Applied Strings	MUSIC 1T**	1
MUA143	Applied Brass	MUSIC 1T**	1
MUA170	Applied Woodwinds	MUSIC 1T**	1
MUA171	Applied Woodwinds II	MUSIC 1T**	1
MUA180	Applied Percussion	MUSIC 1T**	1
MUA220	Applied Piano II	MUSIC 2T**	1
<u>GENERAL MUSIC</u>			
MUS100	Music Appreciation	MUSIC 102	3
MUS121	Music Theory I	MUSIC 1T**	3

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GENERAL MUSIC, continued

MUS122	Music Theory II	MUSIC 1T**	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
MUS150	Chamber Ensemble	MUSIC 1T**	1
MUS152	Vocal Ensemble	MUSIC 1T**	1
MUS162	Instrumental Ensembles	MUSIC 1T**	1
MUS205	Jazz History and Appreciation	MUSIC 2T**	3
MUS206	Modern Music	MUSIC 2T**	3
MUS907	Co-op Field Experience	MUSIC 2T**	Variable
MUS917	Experimental Course	MUSIC 2T**	Variable
MUS929	Individual Projects	MUSIC 2T**	Variable

COMPUTER NETWORKING

NET123	Computer Hardware Basics	MIS 1T**	4
NET212	CISCO Networking	MIS 1T**	3
NET222	CISCO Routers	MIS 1T**	3
NET232	CISCO Switches	MIS 2T**	3
NET242	CISCO Wide Area Networks (WAN)	MIS 2T**	3
NET304	Windows Workstation Operating System	MIS 1T**	4
NET314	Windows Server	MIS 1T**	4
NET334	Implementing Windows Network Infrastructure	MIS 2T**	4
NET453	UNIX	CAREER/TECH	
NET614	Network Security	MIS 2T**	4
NET786-917	By Title	CAREER/TECH	

PHYSICAL EDUCATION ACTIVITIES

PEA102	Aerobic Fitness I	EX SP 165	1
PEA104	Aquatic I	EX SP 1T**	1
PEA106	Archery I	EX SP 1T**	1
PEA108	Archery/Badminton I	EX SP 1T**	1
PEA114	Bicycling I	EX SP 1T**	1
PEA117	Bowling I	EX SP 1T**	1
PEA118	Bowling/Golf I	EX SP 1T**	1
PEA120	Canoeing I	EX SP 1T**	1
PEA134	Golf I	EX SP 135	1
PEA138	Lifeguard Training I	EX SP 114	1
PEA146	Physical Fitness I	EX SP 1T**	1
PEA151	Racquet Sports I	EX SP 1T**	1
PEA153	Racquet Sports II	EX SP 1T**	1
PEA154	Racquetball I	EX SP 144	1
PEA160	Soccer I	EX SP 185	1
PEA166	Swimming Red Cross Level I-III	EX SP 1T**	1
PEA168	Swimming Red Cross Level IV-VI	EX SP 1T**	1
PEA170	Tae Kwon Do I	EX SP 1T**	1
PEA174	Tennis I	EX SP 158	1
PEA178	Volleyball/Softball I	EX SP 1T**	1
PEA181	Water Safety Instruction I	EX SP 2T**	1
PEA183	Water Safety Instruction/Lifeguarding	EX SP 2T**	2
PEA187	Weight Training I	EX SP 166	1

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

PHYSICAL EDUCATION ACTIVITIES, continued

PEA190	Yoga/Stretching I	EX SP 1T**	1
PEA253	Racquetball II	EX SP 2T**	1
PEA264	Advanced Swimming	EX SP 2T**	1
PEA917	Experimental Course	EX SP 2T**	Variable

COACHING OFFICIATING

PEC102	Coaching Authorization	EX SP 1T**	5
PEC105	Coaching Ethics	EX SP 1T**	.5
PEC109	Coaching Ethics, Techniques & Theory	EX SP 1T**	1.5
PEC115	Athletic Development and Human Growth	EX SP 1T**	1
PEC120	Body Structure and Function	EX SP 1T**	1
PEC130	Care and Prevention of Athletic Injuries	EX SP 1T**	1.5
PEC151	Theory of Coaching Soccer	EX SP 1T**	2
PEC180	Sports Officiating: Football, Wrestling, Volleyball	EX SP 1T**	2
PEC182	Sports Officiating: Basketball, Softball, Baseball	EX SP 1T**	2
PEC917	Experimental Course	EX SP 2T**	Variable

GENERAL PHYSICAL EDUCATION AND HEALTH

PEH102	Health	H S 110	3
PEH110	Personal Wellness	EX SP 1T**	2
PEH142	First Aid	H S 105	3
PEH150	Basic Cardiac Life Support	H S 1T**	1
PEH161	Introduction to Physical Education	EX SP 1T**	2
PEH175	Sports Psychology	EX SP 1T**	2
PEH210	Elementary Physical Education	EX SP 284	3
PEH220	Lifestyle Management	EX SP 2T**	1
PEH250	Swimming Pool Management	EX SP 2T**	1
PEH255	Principles of Sports Management	EX SP 2T**	3
PEH256	Current Issues in Sports Management	EX SP 2T**	3
PEH260	Recreational Leadership	EX SP 2T**	3
PEH917	Experimental Course	EX SP 2T**	Variable
PEH929	Individual Projects	EX SP 2T**	Variable
PEH932	Internship	EX SP 2T**	3

PHYSICAL EDUCATION TRAINING

PET105	Basic Athletic Training	EX SP 220	3
PET115	Introduction to Taping	EX SP 1T**	2
PET140, 150	Athletic Training Practicum I, II	EX SP 1T**	1 each
PET170, 180	Athletic Training Practicum III, IV	EX SP 1T**	3 each
PET300	Athletic Training Clinical	EX SP 2T**	Variable
PET917	Experimental Course	EX SP 2T**	Variable

INTERCOLLEGIATE PHYSICAL EDUCATION

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	EX SP 1T**	1
PEV160	Varsity Softball	ATH 101K	1

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

INTERCOLLEGIATE PHYSICAL EDUCATION, continued

PEV170	Varsity Volleyball	ATH 101R	1
PEV180	Varsity Wrestling	ATH 101S	1
PEV190	Varsity Spirit Squad	EX SP 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

PHT208	Basic Photojournalism	JL MC 1T**	3
PHT929	Individual Projects	JL MC 2T**	Variable

PHYSICS

PHY121	Elements of Physics	PHYS 106	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

PNN101-917	By Title	CAREER/TECH	
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POLITICAL SCIENCE

POL111	American National Government	POL S 215	3
POL112	American State and Local Government	POL S 2T**	3
POL907	Co-op Field Experience	POL S 2T**	Variable
POL917	Experimental Course	POL S 2T**	Variable
POL929	Individual Projects	POL S 2T**	Variable

PSYCHOLOGY

PSY111	Introduction to Psychology	PSYCH 101	3
PSY171	Health Psychology	PSYCH 1T**	3
PSY211	Psychology of Adjustment	PSYCH 2T**	3
PSY212	Psychology of Human and Work Relations	PSYCH 2T**	3
PSY224	Adolescent Psychology	PSYCH 2T**	3
PSY241	Abnormal Psychology	PSYCH 2T**	3
PSY245	Introduction to Counseling Theories	PSYCH 2T**	3
PSY246	Introduction to Counseling Skills	PSYCH 2T**	3
PSY251	Social Psychology	PSYCH 280	3
PSY292	Introduction to Experimental Psychology	PSYCH 2T**	3
PSY917	Experimental Course	PSYCH 2T**	Variable

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

PSYCHOLOGY, continued

PSY920	Field Experience	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

SCIENCE

SCI005	Preparation for Science		No Credit
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STUDENT DEVELOPMENT

SDV022	Study Strategies		No Credit
SDV108	The College Experience	ORIEN 1T**	1
SDV111	Success Seminar	PSYCH 131	1
SDV113	Strategies for Academic Success	PSYCH 131	2
SDV130	Career Exploration	LAS 1T**	1
SDV135	Job Seeking Skills	CAREER/TECH	
SDV182	Human Potential Seminar	SOC 1T**	2
SDV185	Advanced Human Potential	SOC 1T**	2
SDV194	Team Building	COMST 1T**	2
SDV251	Service Learning-Peer Mentoring	XXX 2T**	1
SDV916	Experimental Course	CAREER/TECH	
SDV917	Experimental Course	LAS 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 2T**	3
SOC917	Experimental Course	SOC 2T**	Variable
SOC929	Individual Projects	SOC 2T**	Variable

SPEECH

SPC112	Public Speaking	SP CM 212	3
SPC917	Experimental Course	SP CM 2T**	Variable
SPC929	Individual Projects	SP CM 2T**	Variable

WELDING

WEL116-157	By Title	CAREER/TECH	
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