

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

### **ACCOUNTING**

ACC 111	Introduction to Accounting	ACCT 1T**	3
ACC 121	Principles of Accounting I	ACCT 284	3
ACC 122	Principles of Accounting II	ACCT 285	3
ACC 161	Payroll Accounting	ACCT 1T**	3
ACC 211	Intermediate Accounting I	ACCT 2T**	3
ACC 221	Cost Accounting	ACCT 2T**	3
ACC 251	Governmental & Nonprofit Accounting	ACCT 2T**	3
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 311	Computer Accounting	ACCT 2T**	3
ACC 932	Accounting Internship	CAREER/TECH	

### **AGRIBUSINESS TECHNOLOGY**

AGA 115	Principles of Agronomy	AGRON 114	4
AGA 154	Fundamentals of Soil Science	AGRON 154	3
AGA 165	Agriculture Fertilizers and Chemicals	AGRON 1T**	3
AGA 212	Grain and Forage Crops	AGRON 212	4
AGA 284	Pesticide Application Certification	ENT 283	3
AGA 376	Integrated Pest Management	AGRON 1T**	3
AGB 211	Agricultural Law, Taxation and Records	CAREER/TECH	
AGB 235	Introduction to Agriculture Markets	ECON 2T**	3
AGB 330	Farm Business Management	ECON 2T**	3
AGB 331	Entrepreneurship in Agriculture	ECON 2T**	3
AGB 336	Agricultural Selling	ECON 2T**	3
AGB 437	Commodity Marketing	ECON 235	3
AGB 804, 814	Agricultural Internship I, II	CAREER/TECH	
AGC 215	Career Seminar	CAREER/TECH	
AGP 333	Precision Farming Systems	CAREER/TECH	
AGP 456	Advanced Technology Applications	TSM 2T**	3
AGP 457	Agronomic Applic of Site Specific Mgmt	TSM 2T**	3
AGS 113	Survey of the Animal Industry	AN S 114	3

### **ANTHROPOLOGY**

ANT 100	Introduction to Anthropology	ANTHR 1T**	3
ANT 105	Cultural Anthropology	ANTHR 201	3

### **ART**

ART 101	Art Appreciation	ART 1T**	3
ART 105	Launching the Imagination	ART 1T**	3
ART 117	Computer Graphic Design	ART 1T**	3
ART 124	Computer Art	ART 1T**	3
ART 133	Drawing I	ART 1T**	3
ART 134	Drawing II	ART 1T**	3
ART 143	Painting I	ART 1T**	3
ART 144	Painting II	ART 1T**	3
ART 151	Design I	ART 1T**	3
ART 152	Design II	ART 1T**	3
ART 184	Photography I	ART 1T**	3
ART 185	Photography II	ART 1T**	3
ART 186	Digital Photography	ART 1T**	3
ART 908	Cooperative Education	ART 2T**	1-6

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

### AUTOMOTIVE TECHNOLOGY

AUT 112-905	By Title	CAREER/TECH	
-------------	----------	-------------	--

### AVIATION MAINTENANCE TECHNOLOGY

AVI 105-251	By Title	CAREER/TECH	
AVM 120-194	By Title	CAREER/TECH	

### BIOLOGICAL SCIENCES

BIO 105	Introductory Biology	BIOL 101	4
BIO 112	General Biology I	BIOL 211	3
	General Biology I Lab	BIOL 211L	1
BIO 113	General Biology II	BIOL 212	3
	General Biology II Lab	BIOL 212L	1
BIO 125	Plant Biology	BIOL 1T**	4
BIO 147	Genetics	BIOL 1T**	4
BIO 151	Nutrition	FS HN 167	3
BIO 157	Human Biology	BIOL 155	4
*BIO 168	Human Anatomy & Physiology I w/Labs	BIOL 1T**	4
*BIO 173	Human Anatomy & Physiology II w/Labs	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).*

BIO 186	Microbiology	MICRO 201	3
	Microbiology Lab	MICRO 201L	1
BIO 267	Biotechnology I	BIOL 2T**	4
BIO 268	Biotechnology II	BIOL 2T**	5
BIO 272	Biomass to Bioenergy	BIOL 2T**	4
BIO 740	Biomedical Occupational Health and Safety	BIOL 2T**	3
BIO 908	Cooperative Education	SCI 2T**	1-6
BIO 927	Honors Study	BIOL 2T**	2

### BUSINESS ADMINISTRATION

BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 105	Accounting & Business Professional Dev	CAREER/TECH	
BUS 121	Business Communications	ENGL 1T**	3
BUS 130	Introduction to Entrepreneurship	MGMT 1T**	3
BUS 154	E-business	MKT 1T**	3
BUS 161	Human Relations	MGMT 2T**	3
BUS 185	Business Law I	ACCT 215	3
BUS 186	Business Law II	ACCT 2T**	3
BUS 908	Cooperative Education	BUSAD 2T**	1-6
FIN 121	Personal Finance	HD FS 283	3

### BUSINESS COMPUTER APPLICATIONS

BCA 052	Fundamentals of Computer Operations		No Credit
BCA 105	Introduction to Information Technology	COM S 1T**	3
BCA 106-149	By Title	CAREER/TECH	
BCA 152	Comprehensive Spreadsheets	COM S 1T**	3
BCA 153-164	By Title	CAREER/TECH	
BCA 167	Comprehensive Database	COM S 1T**	3
BCA 169-212	By Title	CAREER/TECH	
BCA 250	Desktop Publishing	COM S 2T**	3

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

### CHEMISTRY

CHM 122	Introduction to General Chemistry	CHEM 163	3
	Introduction to General Chemistry Lab	CHEM 163L	1
CHM 132	Introduction to Organic and Biochemistry	BBMB 2T**	4
CHM 166	General Chemistry I	CHEM 177	4
	General Chemistry I Lab	CHEM 177L	1
CHM 176	General Chemistry II	CHEM 178	4
	General Chemistry II Lab	CHEM 178L	1
CHM 263	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 333L	2
CHM 273	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 334L	2

### COMPUTER-AIDED DRAFTING

CAD 129-933	By Title	CAREER/TECH	
-------------	----------	-------------	--

### COMPUTER NETWORKING

NET 142-810	By Title	CAREER/TECH	
-------------	----------	-------------	--

### COMPUTER SCIENCE

CSC 110	Introduction to Computers	COM S 103	3
CSC 190-194	By Title	CAREER/TECH	

### COMPUTER PROGRAMMING

CIS 120-150	By Title	CAREER/TECH	
CIS 161	C++ Programming	COM S 2T**	3
CIS 164	Advanced C++	COM S 2T**	3
CIS 169	Introduction to C#	CAREER/TECH	
CIS 171	Java	COM S 1T**	3
CIS 174	Advanced C# Programming	CAREER/TECH	
CIS 175	Java II	COM S 1T**	3
CIS 182-290	By Title	CAREER/TECH	
CIS 332	Database and SQL	COM S 2T**	3
CIS 338-604	By Title	CAREER/TECH	
CIS 606	Visual BASIC.NET I	COM S 1T**	3
CIS 607	Visual BASIC.NET II	COM S 1T**	3
CIS 612-780	By Title	CAREER/TECH	

### CONSTRUCTION TECHNOLOGY

CON 114-425	By Title	CAREER/TECH	
-------------	----------	-------------	--

### CRIMINAL JUSTICE

CRJ 100	Introduction to Criminal Justice	CJ ST 1T**	3
CRJ 111	Police and Society	CJ ST 1T**	3
CRJ 120	Introduction to Corrections	CJ ST 1T**	3
CRJ 130	Criminal Law	CJ ST 1T**	3
CRJ 133	Constitutional Criminal Procedures	CJ ST 1T**	3
CRJ 142	Criminalistics	CJ ST 1T**	3
CRJ 160	Introduction to Forensic Investigation	CJ ST 1T**	3
CRJ 190	Techniques of Crime Scene Search & Mgmt	CJ ST 1T**	3
CRJ 200	Criminology	CJ ST 2T**	3
CRJ 220	Community Based Corrections	CJ ST 2T**	3

IOWA WESTERN COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>CRIMINAL JUSTICE, continued</u></b>			
CRJ 230	Evidence	CJ ST 2T**	3
CRJ 240	Criminal Investigation	CJ ST 2T**	3
CRJ 258	Ethical Issues in Criminal Justice	CJ ST 2T**	3
CRJ 260	Medicolegal Death Investigation	CJ ST 2T**	3
CRJ 290	Criminal Justice Cooperative Education	CJ ST 2T**	3
CRJ 291	Forensic Investigation Cooperative Education	CJ ST 2T**	3
<b><u>CULINARY ARTS, RESTAURANT AND HOSPITALITY MANAGEMENT</u></b>			
HCM 100	Sanitation and Safety	HRI 1T**	2
HCM 111	Principles of Baking I	HRI 1T**	2
HCM 112-139	By Title	CAREER/TECH	
HCM 142	Food Production (Lab)	HRI 2T**	4
HCM 159	Food Production II (Lab)	CAREER/TECH	
HCM 164	Culinary Arts I (Lecture)	HRI 2T**	2
HCM 165	Culinary Arts I (Lab)	HRI 2T**	4
HCM 170	Culinary Arts II (Lecture)	CAREER/TECH	
HCM 171	Culinary Arts II (Lab)	HRI 2T**	4
HCM 176-230	By Title	CAREER/TECH	
HCM 240	Menu Planning and Design	HRI 2T**	2
HCM 245-260	By Title	CAREER/TECH	
HCM 278	Cost Control	HRI 1T**	2
HCM 310	Hospitality Law	CAREER/TECH	
HCM 330	Hospitality Personnel Management	HRI 1T**	3
HCM 343-598	By Title	CAREER/TECH	
<b><u>CULTURAL STUDIES</u></b>			
CLS 183	Baseball and American Culture	HUM 1T**	3
CLS 184	Rock and Roll and American Culture	HUM 1T**	3
<b><u>DENTAL ASSISTANT</u></b>			
DEA 271-933	By Title	CAREER/TECH	
<b><u>DENTAL HYGIENE</u></b>			
DHY 114-304	By Title	CAREER/TECH	
<b><u>DIESEL TECHNOLOGY</u></b>			
DSL 144-896	By Title	CAREER/TECH	
<b><u>EARLY CHILDHOOD EDUCATION</u></b>			
ECE 103-154	By Title	CAREER/TECH	
ECE 170	Child Growth and Development	PSYCH 1T**	3
ECE 221	Infant/Toddler Care and Education	HD FS 2T**	3
ECE 244-269	By Title	CAREER/TECH	
ECE 287	Exceptional Learner	SP ED 250	3
ECE 292	Early Childhood Administration	CAREER/TECH	
<b><u>ECONOMICS</u></b>			
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3

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

### EDUCATION

EDU 210	Foundations of Education	C I 204	3
EDU 235	Children's Literature	HD FS 240	3
EDU 240	Educational Psychology	C I 2T**	3
EDU 245	Exceptional Learner	SP ED 250	3
EDU 280	Educator Internship	C I 2T**	1

### ELECTRONIC ENGINEERING TECHNOLOGY

ELT 109-850	By Title	CAREER/TECH	
-------------	----------	-------------	--

### ELECTRONIC MEDIA STUDIES

MMS 105	Audio Production	JL MC 1T**	3
MMS 107-109	By Title	CAREER/TECH	
MMS 113	Introduction to Media Production	JL MC 1T**	3
MMS 114	Media Production II	JL MC 1T**	3
MMS 123	Electronic Media Performance	JL MC 1T**	3
MMS 134	Media Writing	JL MC 1T**	3
MMS 135	Introduction to Copy Writing	JL MC 1T**	3
MMS 146	Sports Information and Copywriting	CAREER/TECH	
MMS 150	Electronic News Writing	JL MC 1T**	3
MMS 151-190	By Title	CAREER/TECH	
MMS 204	New Media Production	JL MC 2T**	3
MMS 205-223	By Title	CAREER/TECH	
MMS 231	Advanced Video Production I	JL MC 2T**	3
MMS 232	Advanced Video Production II	JL MC 2T**	3
MMS 260	Electronic Media Sales and Management	JL MC 2T**	3
MMS 261	Programming for the Electronic Media	CAREER/TECH	
MMS 290	Radio Cooperative Education	JL MC 2T**	1-6
MMS 291	Video Cooperative Education	JL MC 2T**	1-6
MMS 294	Beginning Radio Practicum	JL MC 2T**	1
MMS 295	Advanced Radio Practicum	CAREER/TECH	
MMS 296	Video Practicum I	JL MC 2T**	1
MMS 297-930	By Title	CAREER/TECH	

### EMERGENCY MEDICAL SERVICES

EMS 113-870	By Title	CAREER/TECH	
-------------	----------	-------------	--

### ENGINEERING/ENGINEERING TECHNOLOGY

EGR 100	Engineering Orientation	ENGR 1T**	1
EGR 160	Engineering I	ENGR 170	3
EGR 165	Engineering II	ENGR 160	3
EGR 400	Introduction to Engineering Design	ENGR 170	3
EGR 410	Principles of Engineering	ENGR 1T**	3
EGR 420	Digital Electronics	ENGR 1T**	3
EGR 430	Aerospace Engineering	ENGR 1T**	3
EGR 440	Biotechnical Engineering	ENGR 1T**	3
EGR 450	Computer Integrated Manufacturing	ENGR 1T**	3
EGR 460	Civil Engineering and Architecture	ENGR 1T**	3
EGR 470	Engineering Design and Development	ENGR 1T**	3
EGT 113-470	By Title	CAREER/TECH	

IOWA WESTERN COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>ENGLISH COMPOSITION/COMMUNICATION</u></b>			
ENG 013	Basic Writing		No Credit
ENG 095	Elements of Writing	ENGL 50	No Credit
ENG 105	Composition I	ENGL 150	3
ENG 106	Composition II	ENGL 250	3
ENG 110	Writing For The Workplace	CAREER/TECH	
ENG 111	Technical Writing	ENGL 2T**	3
ENG 205	Advanced Composition II Honors Research	ENGL 250	3
ENG 210	Advanced Critical Thinking in Writing	ENGL 2T**	3
ENG 225	Creative Writing: Poetry	ENGL 2T**	3
ENG 230	Creative Writing: Fiction	ENGL 2T**	3
<b><u>ENGLISH AS A SECOND LANGUAGE (ESL)</u></b>			
ESI 012-079	By Title		No Credit
<b><u>ENVIRONMENTAL SCIENCE</u></b>			
ENV 102	Introduction to Sustainability	ENV S 1T**	3
ENV 111	Environmental Science	BIOL 173	4
<b><u>FIRE SCIENCE TECHNOLOGY</u></b>			
FIR 101-321	By Title	CAREER/TECH	
<b><u>FOREIGN LANGUAGE</u></b>			
FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 241	Intermediate Spanish I	SPAN 201	4
FLS 242	Intermediate Spanish II	SPAN 202	4
<b><u>GEOGRAPHY</u></b>			
GEO 121	World Regional Geography	S SCI 1T**	3
<b><u>GRAPHIC COMMUNICATIONS</u></b>			
GRA 112-949	By Title	CAREER/TECH	
<b><u>HEALTH SCIENCE</u></b>			
HSC 113-172	By Title	CAREER/TECH	
<b><u>HISTORY</u></b>			
HIS 110	Western Civilization Ancient to Early Modern	HIST 201	3
HIS 111	Western Civilization Early Modern to Present	HIST 202	3
HIS 143	Latin American History	HIST 1T**	3
HIS 144	History and Cultures of Asia	HIST 1T**	3
HIS 151	U.S. History to 1877	HIST 221	3
HIS 152	U.S. History Since 1877	HIST 222	3
HIS 211	Modern Asian History	HIST 2T**	3
HIS 251	U.S. History 1945 to Present	HIST 2T**	3
HIS 253	American Indian History and Culture	HIST 2T**	3
HIS 257	African American History	HIST 2T**	3
HIS 281	Local History	HIST 2T**	3

IOWA WESTERN COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>HUMANITIES</u></b>			
HUM 122	American Film	HUM 1T**	3
HUM 136	Humanities of the Renaissance	HUM 1T**	3
HUM 160	Survey of the Arts: Prehistory to Renaissance	HUM 1T**	3
HUM 161	Survey of the Arts: Baroque to Modernism	HUM 1T**	3
HUM 287	Leadership Development Studies	XXX 2T**	3
<b><u>HUMAN SERVICES</u></b>			
HSV 109	Introduction to Human Services	SOC 1T**	3
HSV 115	Agency and Community Resources	HD FS 1T**	3
HSV 131	Fundamentals of Case Management	SOC 1T**	3
HSV 140	Social Work and Social Welfare	SOC 1T**	3
HSV 180	Ethics for Human Service Professionals	SOC 1T**	1
HSV 190	Youth Care Issues	SOC 1T**	3
HSV 225	Interviewing and Counseling	PSYCH 2T**	3
HSV 226	Fundamentals of Family Counseling	HD FS 2T**	3
HSV 228	Group Counseling Theories & Practices	PSYCH 2T**	3
HSV 259	Introduction to Chemical Dependency	PSYCH 2T**	3
HSV 802	Internship	SOC 2T**	2-6
<b><u>JOURNALISM</u></b>			
JOU 110	Introduction to Mass Media	JL MC 101	3
JOU 211	Ethics in the Media	JL MC 2T**	3
<b><u>LITERATURE</u></b>			
LIT 110	American Literature to Mid 1800s	ENGL 227	3
LIT 111	American Literature since Mid 1800s	ENGL 228	3
LIT 130	African American Literature	ENGL 2T**	3
LIT 134	Multicultural Literature	ENGL 2T**	3
LIT 140	British Literature I	ENGL 225	3
LIT 141	British Literature II	ENGL 226	3
LIT 150	World Literature I	ENGL 2T**	3
LIT 151	World Literature II	ENGL 2T**	3
LIT 160	Short Story/Novel	ENGL 2T**	3
LIT 169	Science Fiction and Fantasy Literature	ENGL 1T**	3
LIT 170	Poetry/Drama	ENGL 2T**	3
LIT 184	Young Adult Literature	ENGL 2T**	3
LIT 190	Women Writers	ENGL 2T**	3
<b><u>MANAGEMENT AND HUMAN RESOURCES</u></b>			
MGT 101	Principles of Management	MGMT 2T**	3
MGT 130	Principles of Supervision	CAREER/TECH	
MGT 138	Employee Evaluation & Training Techniques	MGMT 2T**	3
MGT 165	Principles of Quality	CAREER/TECH	
MGT 170	Human Resource Management	MGMT 2T**	3
MGT 175	Introduction to Law for Managers & Supervisors	CAREER/TECH	
MGT 180	Management and Labor Relations	MGMT 2T**	3
MGT 190	Employee Compensation & Benefits Mgmt	MGMT 2T**	3
MGT 195-932	By Title	CAREER/TECH	

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

### **MARKETING**

APP 150	Clothing Selection	CAREER/TECH	
APP 210	Apparel Textiles	T C 1T**	3
MKT 101	Marketing Mathematics	MKT 2T**	3
MKT 110	Principles of Marketing	MKT 2T**	3
MKT 140	Principles of Selling	MKT 2T**	3
MKT 150	Principles of Advertising	ADVRT 2T**	3
MKT 154	Visual Merchandising	T C 2T**	3
MKT 163	Merchandising	MKT 2T**	3
MKT 165	Retail Management	MGMT 2T**	3
MKT 184	Customer Service	CAREER/TECH	
MKT 185	Marketing Internship I	MKT 2T**	2
MKT 189	Marketing Internship II	MKT 2T**	2
MKT 190	International Marketing	MKT 2T**	3
MKT 191	Seminar I: Career Options	MKT 2T**	1
MKT 193	Seminar II: Applications in Management	CAREER/TECH	
MKT 196	Seminar III: Professional Development	CAREER/TECH	
MKT 198	Sports Marketing	MKT 2T**	3
MKT 200	Marketing Internship III	MKT 2T**	2
MKT 300	Sports Marketing Internship	MKT 2T**	1-8

### **MATHEMATICS**

MAT 075-090	By Title		No Credit
MAT 110	Math for Liberal Arts	MATH 1T**	3
MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 121	College Algebra	MATH 140	4
MAT 129	Precalculus	┌MATH 140	2
		└MATH 142	3
MAT 130	Trigonometry	MATH 141	3
MAT 140	Finite Math	MATH 150	3
MAT 157	Statistics	STAT 101	4
MAT 211	Calculus I	MATH 165	5
MAT 217	Calculus II	MATH 166	5
MAT 220	Calculus III	MATH 265	5
MAT 225	Differential Equations	MATH 266	3
MAT 227	Differential Equations w/Laplace Transforms	MATH 267	4
MAT 711	Business and Financial Mathematics	MATH 1T**	3
MAT 743-752	Technical Mathematics I - IV	CAREER/TECH	
MAT 908	Cooperative Education	MATH 2T**	1-6

### **MEDICAL ASSISTANT**

MAP 125-612	By Title	CAREER/TECH	
-------------	----------	-------------	--

### **APPLIED MUSIC**

MUA 104	Applied Voice	MUSIC 1T**	2
MUA 119	Class Piano I	MUSIC 1T**	1
MUA 121	Applied Piano	MUSIC 1T**	2
MUA 125	Applied Guitar	MUSIC 1T**	2
MUA 129	Applied String Bass	MUSIC 1T**	2
MUA 155	Applied Clarinet	MUSIC 1T**	2
MUA 157	Applied Flute	MUSIC 1T**	2
MUA 163	Applied Saxophone	MUSIC 1T**	2

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

**APPLIED MUSIC, continued**

MUA 165	Applied Trombone	MUSIC 1T**	2
MUA 167	Applied Trumpet	MUSIC 1T**	2
MUA 183	Applied Percussion	MUSIC 1T**	2
MUA 185	Applied Music Technology	MUSIC 1T**	2
MUA 219	Class Piano II	MUSIC 2T**	1
MUA 225	Class Piano III	MUSIC 2T**	1
MUA 235	Class Piano IV	MUSIC 2T**	1

**MUSIC**

MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 101	3
MUS 110	Music in Theory and Practice I	MUSIC 1T**	2
MUS 111	Music in Theory and Practice II	MUSIC 1T**	2
MUS 125	Ear Training and Sight Singing I	MUSIC 1T**	2
MUS 126	Ear Training and Sight Singing II	MUSIC 1T**	2
MUS 129	Music Notation	MUSIC 1T**	3
MUS 138	Jazz Choir	MUSIC 1T**	1
MUS 140	Concert Choir	MUSIC 1T**	1
MUS 145	Concert Band	MUSIC 1T**	1
MUS 152	Vocal Ensemble	MUSIC 1T**	1
MUS 155	Men's Ensemble	MUSIC 1T**	1
MUS 163	Instrumental Jazz Ensemble	MUSIC 1T**	1
MUS 167	Marching Band/Pep Band	MUSIC 1T**	1
MUS 168	Sound Technology	THTRE 1T**	3
MUS 189	Jazz Combo	MUSIC 1T**	1
MUS 204	History of Rock and Roll	MUSIC 2T**	3
MUS 205	Jazz, History and Appreciation	MUSIC 2T**	3
MUS 210	Music in Theory and Practice III	MUSIC 2T**	2
MUS 211	Music in Theory and Practice IV	MUSIC 2T**	2
MUS 225	Ear Training and Sight Singing III	MUSIC 2T**	2
MUS 226	Ear Training and Sight Singing IV	MUSIC 2T**	2
MUS 251	Choreography	MUSIC 2T**	1
MUS 258	Recording Ensemble	MUSIC 2T**	1
MUS 265	Musical Instrument Digital Interface	MUSIC 2T**	3
MUS 267	Pro Tools 101	MUSIC 2T**	3
MUS 277	Jazz Lab Band	MUSIC 2T**	1
MUS 908	Cooperative Education	MUSIC 2T**	1-6

**NURSING**

ADN 131-825	By Title	CAREER/TECH	
PNN 167-452	By Title	CAREER/TECH	

**PARALEGAL AND LEGAL STUDIES**

PRL 101-933	By Title	CAREER/TECH	
-------------	----------	-------------	--

**PHILOSOPHY**

PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHI 110	Introduction to Logic	PHIL 206	3
PHI 111	Basic Reasoning	PHIL 1T**	3

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

### PHILOSOPHY, continued

PHI 142	Ethics in Business	PHIL 200	3
PHI 211	Ethics in the Media	JL MC 2T**	3

### PHYSICAL EDUCATION AND WELLNESS

PEA 102	Aerobic Fitness I	KIN 1T**	1
PEA 117	Bowling I	KIN 129	1
PEA 140	Online Aerobic Fitness I	KIN 1T**	2
PEA 141	Online Weight Training I	KIN 166	2
PEA 162	Speed and Conditioning	KIN 1T**	1
PEA 187	Weight Training I	KIN 166	1
PEA 202	Aerobic Fitness II	KIN 2T**	1
PEC 101	Introduction to Coaching	KIN 1T**	3
PEC 155	Theory of Coaching I	KIN 1T**	3
PEC 157	Theory of Coaching II	KIN 1T**	3
PEC 210	Sport and Exercise Psychology	KIN 2T**	3
PEC 230	Introduction to Sports Medicine	KIN 2T**	3
PEH 102	Health	H S 110	3
PEH 130	CPR and First Aid in the Workplace	H S 1T**	1
PEH 142	First Aid	H S 105	3
PEH 170	Principles of Weight Training	KIN 1T**	3
PEH 908	Cooperative Education	KIN 2T**	1-6
PET 135	Personal Trainer	KIN 1T**	3
PET 140	Athletic Training Practicum I	KIN 1T**	1
PET 160	Athletic Training Practicum II	KIN 1T**	2
PET 170	Athletic Training Practicum III	KIN 1T**	3
PET 180	Athletic Training Practicum IV	KIN 1T**	3
PET 230	Care & Prevention of Athletic Injuries	KIN 220	3
PET 235	Athletic Injury Evaluation	KIN 2T**	3
PET 240	Taping and Bracing	KIN 2T**	2
PET 250	Introduction to Modalities	KIN 2T**	3
PEV 105	Varsity Sports Participation	ATH 1T**	1
PEV 185	Progressive Resistance Training	KIN 1T**	1

### PHYSICAL SCIENCE

PHS 142	Principles of Astronomy	ASTRO 120	3
PHS 143	Principles of Astronomy Lab	ASTRO 125L	1
PHS 160	Introduction to Oceanography	GEOL 108	3
PHS 165	Introduction to Meteorology	MTEOR 206	3
PHS 172	Physical Geology	GEOL 100	3
	Physical Geology Lab	GEOL 100L	1
PHS 185	Introduction to Earth Science	S SCI 1T**	3
PHS 190	Principles of GIS	NREM 1T**	3

### PHYSICS

PHY 156	General Physics I	PHY 111	5
PHY 157	General Physics I Lab		
PHY 158	General Physics II	PHY 112	5
PHY 159	General Physics II Lab		
PHY 210	Classical Physics I - Calculus Based	PHY 221	5
PHY 211	Classical Physics I Lab		

IOWA WESTERN COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>PHYSICS, continued</u></b>			
PHY 220	Classical Physics II - Calculus Based	PHYS 222	5
PHY 221	Classical Physics II Lab		
PHY 715	Technical Physics I	CAREER/TECH	
<b><u>POLITICAL SCIENCE</u></b>			
POL 111	American National Government	POL S 215	3
POL 112	American State and Local Government	POL S 2T**	3
POL 121	International Relations	POL S 251	3
POL 201	The United States Constitution	POL S 2T**	3
<b><u>PROFESSIONAL OFFICE CAREERS</u></b>			
ADM 102-940	By Title	CAREER/TECH	
<b><u>PSYCHOLOGY</u></b>			
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 113	Personality and Adjustment	PSYCH 1T**	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 210	Sport and Exercise Psychology	KIN 2T**	3
PSY 224	Adolescent Psychology	PSYCH 2T**	3
PSY 225	Adult Developmental Psychology	PSYCH 2T**	3
PSY 241	Abnormal Psychology	PSYCH 2T**	3
PSY 251	Social Psychology	PSYCH 280	3
PSY 261	Human Sexuality	HD FS 276	3
PSY 281	Educational Psychology	PSYCH 2T**	3
PSY 293	Issues in Psychology	PSYCH 2T**	3
<b><u>ROTC - AIR FORCE</u></b>			
MIL 100	Foundations of the U.S. Air Force I	AFAS 1T**	1
MIL 101	Foundations of the U.S. Air Force II	AFAS 1T**	1
MIL 200, 201	Evolution of USAF Air & Space I & II	AFAS 2T**	1 each
<b><u>ROTC - ARMY</u></b>			
MIL 108	Introduction to Officer Professionalism I	M S 1T**	1
MIL 109	Introduction to Officer Professionalism II	M S 1T**	1
MIL 221	Basic Individual Leadership Techniques	M S 2T**	2
MIL 222	Advanced Individual Leadership Techniques	M S 2T**	2
<b><u>RADIOLOGIC TECHNOLOGY</u></b>			
RAD 110-862	By Title	CAREER/TECH	
<b><u>READING</u></b>			
RDG 035-307	College Preparatory Reading Level I, II, III		No Credit
<b><u>RELIGION</u></b>			
REL 101	Survey of World Religions	RELIG 205	3
<b><u>SIGN LANGUAGE</u></b>			
ASL 110-295	By Title	CAREER/TECH	
ITP 104-941	By Title	CAREER/TECH	

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

### **SOCIOLOGY**

SOC 110	Introduction to Sociology	SOC 134	3
SOC 115	Social Problems	SOC 235	3
SOC 120	Marriage and Family	SOC 219	3
SOC 198	The Middle East	HUM 1T**	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 210	Men, Women and Society	SOC 2T**	3
SOC 230	Juvenile Delinquency	SOC 241	3
SOC 235	Gangs	SOC 2T**	3
SOC 240	Criminology	SOC 2T**	3
SOC 250	Sociology of Deviance	SOC 2T**	3
SOC 270	Social and Behavioral Research Methods	SOC 2T**	3
SOC 908	Cooperative Education	S SCI 2T**	1-6

### **SPEECH**

SPC 112	Public Speaking	SP CM 212	3
SPC 120	Intercultural Communications	COMST 1T**	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 132	Group Communication	COMST 1T**	3
SPC 140	Oral Interpretation	THTRE 2T**	3
SPC 160	Voice and Diction	CMDIS 1T**	3

### **STUDENT DEVELOPMENT**

SDV 108	The College Experience	ORIEN 1T**	1
SDV 114	Strategies for Academic Success	PSYCH 131	3
SDV 711-717	By Title	CAREER/TECH	

### **SURGICAL TECHNOLOGY**

SUR 130-530	By Title	CAREER/TECH	
-------------	----------	-------------	--

### **SUSTAINABLE ENERGY RESOURCES**

SER 150-905	By Title	CAREER/TECH	
-------------	----------	-------------	--

### **THEATRE**

DRA 101	Introduction to Theatre	THTRE 106	3
DRA 114	Theatre History I	THTRE 1T**	3
DRA 115	Theatre History II	THTRE 1T**	3
DRA 130	Acting I	THTRE 251	3
DRA 132	Acting II	THTRE 1T**	3
DRA 157	Scenic Painting	THTRE 1T**	3
DRA 165	Stagecraft	THTRE 255	3
DRA 167	Drafting for the Theatre	THTRE 1T**	3
DRA 168	Sound Technology	THTRE 1T**	3
DRA 171	Technical Theatre Lab	THTRE 1T**	1-2
DRA 177	Stage and TV Lighting	THTRE 1T**	3
DRA 178	Stage Costume	THTRE 1T**	3
DRA 179	Stage Make-Up	THTRE 1T**	3
DRA 220	The American Musical	THTRE 2T**	3
DRA 250	Directing for the Stage	THTRE 2T**	3
DRA 282	Theatre Lab	THTRE 2T**	1-2
DRA 290	Theatre Cooperative Education	THTRE 2T**	1-6
DRA 930	Devised Theatre Projects	THTRE 2T**	3

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

**TURF AND LANDSCAPE MANAGEMENT**

AGH 112	Introduction to Turfgrass Management	HORT 1T**	3
AGH 120-124	By Title	CAREER/TECH	
AGH 125	Woody Plants/Shrubs	HORT 2T**	3
AGH 131-152	By Title	CAREER/TECH	
AGH 156	Landscape Design II	HORT 2T**	3
AGH 161	Irrigation Systems	CAREER/TECH	
AGH 171	Landscape Maintenance	HORT 2T**	4
AGH 221	Principles of Horticulture	HORT 221	3
AGH 245-819	By Title	CAREER/TECH	

**VETERINARY TECHNOLOGY**

AGV 100-806	By Title	CAREER/TECH	
-------------	----------	-------------	--

**WELDING**

WEL 117-149	By Title	CAREER/TECH	
-------------	----------	-------------	--

**WIND ENERGY AND TURBINE TECHNOLOGY**

WTT 103-202	By Title	CAREER/TECH	
-------------	----------	-------------	--