

## ***Course Equivalency Guide***

between

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

and

**Des Moines Area Community College**  
800 362-2127  
***www.dmacc.edu***

***Based on the Des Moines Area Community College 2018-2019 General Catalog and the  
2018-2019 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.

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### **ACCOUNTING**

ACC 111	Intro to Accounting	ACCT 1T**	3
ACC 124	Accounting Professionalism	CAREER/TECH	
ACC 131	Principles of Accounting I	ACCT 284	4
ACC 132	Principles of Accounting II	ACCT 285	4
ACC 161-193	By Title	CAREER/TECH	
ACC 202	Accounting Cycle	ACCT 2T**	1
ACC 222	Cost Accounting	ACCT 2T**	4
ACC 231, 232	Intermediate Accounting I, II	ACCT 2T**	4 each
ACC 251	Gov't & Nonprofit Accounting	ACCT 2T**	3
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 268-946	By Title	CAREER/TECH	

### **ADMINISTRATIVE ASSISTANT**

ADM 105-937	By Title	CAREER/TECH	
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### **ASSOCIATE DEGREE NURSING**

ADN 110-821	By Title	CAREER/TECH	
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### **AGRICULTURE - AGRONOMY**

AGA 114	Principles of Agronomy	AGRON 181	3
AGA 129	Intro to Sustainable Agriculture	AGRON 2T**	3
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 157	Soil Fertility	AGRON 1T**	1
AGA 211	Grain and Forage Crops	AGRON 2T**	3
AGA 222	Grain Management	TSM 2T**	2
AGA 284	Pesticide Application Certification	ENT 283	3
AGA 381	Crop Scouting	AGRON 2T**	3

### **AGRICULTURE - FARM MANAGEMENT-BUSINESS**

AGB 101	Agricultural Economics	ECON 101	3
AGB 235	Intro to Agricultural Markets	ECON 235	3
AGB 330	Farm Business Management	ECON 230	3
AGB 331	Agribusiness Management	ECON 2T**	3
AGB 440	Agricultural Niche Marketing	ECON 2T**	3
AGB 802, 812	Agribusiness Internship I, II	ECON 2T**	2 each

### **AGRICULTURE - COMPREHENSIVE- MISCELLANEOUS**

AGC 314	Leadership in Agriculture	AGEDS 2T**	2
AGC 420	Agricultural Issues	GLOBE 220	3

### **AGRICULTURE - HORTICULTURE**

AGH 103-104	Floral Design I, II	CAREER/TECH	
AGH 106	Introduction to Horticulture	HORT 221	3
AGH 111	Intro to Turfgrass Management	HORT 1T**	2
AGH 112	Intro to Turfgrass Management	HORT 1T**	3
AGH 120	Herbaceous Plant Materials	HORT 2T**	3
AGH 123	Woody Plant Materials	HORT 240	3
AGH 132	Introduction to Greenhouse	HORT 2T**	3
AGH 133-142	By Title	CAREER/TECH	
AGH 146	Soil Science for Horticulture	AGRON 155	3
AGH 147	Soil Fertility for Horticulture	AGRON 1T**	1

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>AGRICULTURE - HORTICULTURE, continued</u></b>			
AGH 154	Residential Landscape Design	HORT 3T**	3
AGH 155	Landscape Design II	HORT 2T**	2
AGH 156	Landscape Design II	HORT 2T**	3
AGH 159	Landscape Graphics	HORT 1T**	2
AGH 160	Irrigation Systems	HORT 2T**	2
AGH 161	Irrigation Systems	HORT 2T**	3
AGH 200	Landscape Estimating & Bidding	HORT 2T**	2
AGH 211	Advanced Turfgrass Management	HORT 2T**	3
AGH 221	Principles of Horticulture	HORT 221	3
AGH 223-225	By Title	CAREER/TECH	
AGH 233	Plant Propagation I	HORT 322	3
AGH 241	Sports Turf	CAREER/TECH	
AGH 245	Golf Course & Sports Turf Management	HORT 2T**	3
AGH 251	Insects and Diseases	HORT 1T**	2
AGH 253	Insects and Diseases	HORT 2T**	3
AGH 262	Fruit and Vegetable Science	CAREER/TECH	
AGH 272	Nursery Production I	HORT 2T**	3
AGH 276	Greenhouse Production II	HORT 2T**	3
AGH 281	Arboriculture	HORT 1T**	3
AGH 283	Pesticide Application Certification	HORT 283	2
AGH 291	Horticulture Business Operations	HORT 2T**	3
AGH 292	Garden Center Management	HORT 1T**	3
AGH 296	Commerical Landscape Industry	HORT 2T**	2
AGH 805	Horticulture Internship I	CAREER/TECH	
AGH 912	Current Topics in Horticulture	HORT 2T**	1
<b><u>AGRICULTURE - MECHANICS</u></b>			
AGM 125	Alternative Energy in Agriculture	CAREER/TECH	
<b><u>AGRICULTURE - PRECISION AG</u></b>			
AGP 333	Precision Agriculture Applications	TSM 2T**	3
<b><u>AGRICULTURE - ANIMAL SCIENCE</u></b>			
AGS 101	Working with Animals	AN S 101	2
AGS 113	Survey of the Animal Industry	AN S 114	3
AGS 114	Survey of the Animal Industry	AN S 114	2
AGS 222	Aquaculture/Aquarium Science I	CAREER/TECH	
AGS 225	Swine Science	AN S 225	3
AGS 226	Beef Cattle Science	AN S 226	3
AGS 242	Animal Health	AN S 2T**	3
AGS 249	Aquaculture/Aquarium Science II	CAREER/TECH	
AGS 319	Animal Nutrition	AN S 2T**	3
AGS 323	Animal Nutrition II	AN S 2T**	3
<b><u>AGRICULTURE- TECHNOLOGY</u></b>			
AGT 120	Agricultural Application in Biotechnology	TSM 1T**	3
<b><u>AGRICULTURE - VET TECH</u></b>			
AGV 109	Pharmacy Skills	CAREER/TECH	
AGV 120	Veterinary Medical Terminology	AN S 1T**	1
AGV 128-129	By Title	CAREER/TECH	

DES MOINES AREA COMMUNITY COLLEGE	IOWA STATE
COURSE NUMBER	EQUIVALENT
COURSE TITLE	CREDITS

**AGRICULTURE - VET TECH, continued**

AGV 133	Veterinary Clinic Pathology I	AN S 1T**	3
AGV 134	Veterinary Clinic Pathology II	AN S 2T**	3
AGV 138	Clinical Pathology Lab	CAREER/TECH	
AGV 140	Veterinary Pharmacology	AN S 1T**	3
AGV 145-151	By Title	CAREER/TECH	
AGV 160	Anesthesia/Surgical Assistance	AN S 1T**	4
AGV 164-165	By Title	CAREER/TECH	
AGV 166	Veterinary Nursing Care	AN S 2T**	3
AGV 170-932	By Title	CAREER/TECH	

**ANTHROPOLOGY**

ANT 100	Introduction to Anthropology	ANTHR 1T**	3
ANT 105	Cultural Anthropology	ANTHR 201	3
ANT 110	Faces of Culture	ANTHR 201	3
ANT 125	Applications of Anthropology	ANTHR 1T**	3
ANT 140	Culture & Environment of Boreal Forest	ANTHR 1T**	2
ANT 150	Global Issues-Local Perspective	ANTHR 1T**	3
ANT 202	Human Origins	ANTHR 202	3

**APPAREL MERCHANDISING**

APP 101	Sewing Basics	CAREER/TECH	
APP 111	Visual Merchandising and Design	A M D 1T**	3
APP 211	Textiles	A M D 2T**	3
APP 230	Fashion Coordination and Promotion	CAREER/TECH	
APP 250	Design Concepts	A M D 2T**	3
APP 260	Fashion Analysis and Design	A M D 2T**	3
APP 265	Fashion Styling	CAREER/TECH	
APP 270	Fashion Buying	A M D 2T**	3
APP 291*	Fashion Study Tour	AESHM 380D	1

*\*Updated May 8, 2019*

**ARCHITECTURAL**

ARC 110-932	By Title	CAREER/TECH	
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**ART**

ART 101	Art Appreciation	ART 1T**	3
ART 102	Arts for Elementary Education	ARTED 211	3
ART 133	Drawing Lab	ART 1T**	3
ART 136	Life Drawing	ART 1T**	3
ART 143	Painting	ART 1T**	3
ART 148	Landscape Painting	ART 1T**	3
ART 173, 174	Ceramics I, II	ART 1T**	3 each
ART 176	Tilemaking	ART 1T**	3
ART 184	Principles of Photography	ART 2T**	3
ART 186	Principles Digital Photography	ART 2T**	3
ART 189	Commercial Photography 1	CAREER/TECH	
ART 190	History of Photography	ART H 1T**	3
ART 192-194	By Title	CAREER/TECH	
ART 195	Design: Exploring Art Media	ART 1T**	3
ART 196	Photography Assistant Basics	CAREER/TECH	
ART 225	Photoshop for Photography	ART 2T**	3

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

**ART, continued**

ART 226	Alternative Photo Processes	ART 2T**	3
ART 227-287	By Title	CAREER/TECH	
ART 289	Photojournalism	ART 2T**	3
ART 291	Travel Photography	ART 2T**	3
ART 292	Studio Photography	ART 2T**	3
ART 294	Architectural Photography	CAREER/TECH	
ART 929	Individual Projects	ART 2T**	2-6

**AGING SERVICES MANAGEMENT**

ASM 150-805	By Title	CAREER/TECH	
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**AUTO TECH-CAP (CHRYSLER)**

ATC 320-360	By Title	CAREER/TECH	
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**AUTO TECH-ASSET (FORD)**

ATF 280-362	By Title	CAREER/TECH	
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**AUTO TECH-ASEP (GM)**

ATG 312-354	By Title	CAREER/TECH	
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**AUTOMOTIVE TECHNOLOGY**

AUT 111-933	By Title	CAREER/TECH	
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**AVIATION**

AVI 130-213	By Title	CAREER/TECH	
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**AVIATION MAINTENANCE**

AVM 100-170	By Title	CAREER/TECH	
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**BUSINESS COMPUTER APPLICATIONS**

BCA 113-242	By Title	CAREER/TECH	
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**BIOLOGY**

BIO 100	Opportunities in Biology	BIOL 1T**	1
BIO 104	Introductory Biology w/lab	BIOL 101	3
*BIO 112	General Biology I	BIOL 2T**	4
*BIO 113	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).*

BIO 135	Introduction to Botany	BIOL 1T**	4
BIO 138	Field Ecology	BIOL 1T**	3
BIO 145	Ecology of Iowa	BIOL 2T**	3
BIO 146	Genetics	BIOL 2T**	3
BIO 151	Nutrition	FS HN 167	3
BIO 156	Human Biology w/lab	BIOL 155	3
BIO 164	Essentials Anatomy/Physiology	BIOL 155	5
*BIO 168	Anatomy and Physiology I	BIOL 1T**	4
*BIO 173	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).*

DES MOINES AREA COMMUNITY COLLEGE	IOWA STATE
COURSE NUMBER	EQUIVALENT
COURSE TITLE	CREDITS

**BIOLOGY, continued**

BIO 186	Microbiology w/lab	MICRO 2T**	4
BIO 191	Intro to Biotechnology w/lab	BIOL 2T**	3
BIO 225, 227	Marine Biology I, II	BIOL 2T**	4 each
BIO 243	Topics in Biotechnology	BIOL 2T**	1
BIO 249	Biotechnology Internship	BIOL 2T**	3
BIO 250	Cell and Molecular Bio-Nucleic Acids	BIOL 2T**	5
BIO 251	Cell and Molecular Bio-Proteins	BIOL 2T**	5
BIO 260	Biology of Aging	BIOL 2T**	3
BIO 295	General Ecology and Lab	BIOL 2T**	4
BIO 732	Health Science Microbiology	MICRO 2T**	4
BIO 733	Health Science Anatomy	BIOL 1T**	3
BIO 734	Health Science Physiology	BIOL 1T**	3
BIO 900	Field Studies in Medical Sciences	CAREER/TECH	
BIO 922	Field Studies	BIOL 2T**	1-4

**BUILDING MAINTENANCE**

BMA 165-177	By Title	CAREER/TECH	
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**BIOMASS OPERATIONS TECHNOLOGY**

BPT 102-128	By Title	CAREER/TECH	
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**BUSINESS**

*BUS 102	Introduction to Business	BUSAD 250	3
<i>*BUS 102 will transfer as BUSAD 250 if the course is taken Spring 2015 or later.</i>			

BUS 112	Business Math	BUSAD 1T**	3
BUS 131-150	By Title	CAREER/TECH	
BUS 185	Business Law I	ACCT 215	3
BUS 186	Business Law II	ACCT 2T**	3
BUS 220	Introduction to International Business	BUSAD 2T**	3
BUS 231	Quantitative Methods/Business Decisions	MGMT 2T**	4
BUS 250	Principles of Real Estate	FIN 2T**	3
BUS 260	Introduction to Insurance	FIN 2T**	3
BUS 278	Employment Law	ACCT 2T**	3
BUS 902-932	By Title	CAREER/TECH	

**COMPUTER AIDED DRAFTING**

CAD 119-126	By Title	CAREER/TECH	
*CAD 139	Intro to CAD/CAM	TSM 1T**	3
CAD 148-183	By Title	CAREER/TECH	
*CAD 184	Solidworks for Die Design	TSM 1T**	3
CAD 215-254	By Title	CAREER/TECH	

*\*When CAD 139 and CAD 184 are both taken, the courses will transfer as TSM 116 (3) and TSM 1T\*\* (3).*

**CATERPILLAR TECHNOLOGY**

CAT 430-435	By Title	CAREER/TECH	
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**CIVIL ENGINEERING TECHNOLOGY**

CET 101-307	By Title	CAREER/TECH	
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DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### **CHEMISTRY**

CHM 105	Survey of Chemistry	CHEM 160	3
CHM 122	Introduction to General Chemistry	CHEM 1T**	4
CHM 132	Introduction to Organic/Biochemistry	CHEM 1T**	4
CHM 165	General/Inorganic Chemistry I	CHEM 177	3
	General/Inorganic Chemistry I Lab	CHEM 177L	1
CHM 175	General/Inorganic Chemistry II	CHEM 178	3
	General/Inorganic 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 PROGRAMMING**

CIS 125	Intro to Programming Logic w/Lang	COM S 2T**	3
CIS 140	Intro to Game Design	CAREER/TECH	
CIS 152	Data Structures	COM S 2T**	3
CIS 154	Computational Structures	COM S 2T**	3
CIS 161-346	By Title	CAREER/TECH	
CIS 402	Cobol	COM S 201	3
CIS 413	Cobol II	COM S 2T**	4
CIS 450-932	By Title	CAREER/TECH	

### **COMMUNICATION**

COM 146	Gender, Sexuality and Media	JL MC 1T**	3
COM 148	Diversity and the Media	JL MC 1T**	3
COM 703	Communication Skills	CAREER/TECH	

### **BUILDING TRADES**

CON 205-949	By Title	CAREER/TECH	
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### **CRIMINAL JUSTICE**

CRJ 100	Intro to Criminal Justice	CJ ST 240	3
CRJ 120	Introduction to Corrections	CJ ST 1T**	3
CRJ 107	Survey of Criminal Justice Agencies	CJ ST 1T**	3
CRJ 109	Theories of Interviewing	CJ ST 1T**	3
CRJ 111	Police and Society	CJ ST 2T**	3
CRJ 128	Victimology	CJ ST 1T**	3
CRJ 137	Juvenile Law	SOC 241	3
CRJ 141	Criminal Investigation	CJ ST 1T**	3
CRJ 167	Operating Systems for Forensics	CJ ST 1T**	3
CRJ 176	Computer Forensics I	CJ ST 1T**	3
CRJ 178	E-Crime Investigative Methods	CJ ST 2T**	3
CRJ 179	White-Collar Crime	CJ ST 1T**	1
CRJ 196-197	Crime Scene Investigation I, II	CAREER/TECH	
CRJ 220	Community-Based Corrections	CJ ST 2T**	3
CRJ 222	Correctional Treatment Methods	CJ ST 2T**	3
CRJ 237	Criminal & Constitutional Law	CJ ST 2T**	3
CRJ 238	Corrections & Constitutional Law	CJ ST 2T**	3
CRJ 239	Special-Need Offenders	CJ ST 2T**	3
CRJ 245	Scientific Investigation	CJ ST 2T**	3
CRJ 264	Effective Courtroom Testimony	CJ ST 2T**	1

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

**CRIMINAL JUSTICE, continued**

CRJ 276	Computer Forensics II	CJ ST 2T**	3
CRJ 277	Advanced Digital Forensic Methods	CJ ST 2T**	4
CRJ 292	Police Physical Fitness & Condition	KIN 2T**	1
CRJ 293	Criminal Justice Report Writing	CJ ST 2T**	1
CRJ 296-298	By Title	CAREER/TECH	
CRJ 301	Introduction to Homeland Security	CJ ST 2T**	3
CRJ 302	Transportation & Border Security	CJ ST 2T**	3
CRJ 303	Intelligence Analysis & Security Management	CJ ST 2T**	3
CRJ 305	Introduction to Cyber Terrorism	CJ ST 2T**	3
CRJ 333	CSI & Forensic Photography	CJ ST 2T**	2
CRJ 932	Internship	CJ ST 2T**	3

**COLLISION REPAIR AND REFINISH**

CRR 101-877	By Title	CAREER/TECH	
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**COMPUTER SCIENCE**

CSC 105	Computer Essentials	COM S 1T**	1
CSC 109	Experience Information Technology	CAREER/TECH	
CSC 110	Intro to Computers	COM S 113	3

**DENTAL ASSISTANT**

DEA 253-702	By Title	CAREER/TECH	
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**DENTAL HYGIENE**

DHY 114-302	By Title	CAREER/TECH	
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**FILM AND THEATRE**

DRA 101	Introduction to Theatre	THTRE 106	3
DRA 130	Acting I	THTRE 251	3
DRA 147	Creative Drama School/Rec	THTRE 1T**	3
DRA 945	Practicum I	THTRE 1T**	2
DRA 946	Practicum II	THTRE 1T**	3
DRA 948	Practicum III	THTRE 1T**	4

**DIESEL**

DSL 145-855	By Title	CAREER/TECH	
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**DIETARY MANAGER**

DTM 350-366	By Title	CAREER/TECH	
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**EARLY CHILDHOOD EDUCATION**

ECE 103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE 106	Child Development Associate Standards	HD FS 1T**	1
ECE 114	Dual Language Learners in ECE	HD FS 1T**	3
ECE 130	Emergency Care	H S 105	1
ECE 133	Child Health, Safety & Nutrition	HD FS 1T**	3
ECE 151	Individualizing for Children	HD FS 1T**	3
ECE 152	Learning with Digital Media	C I 1T**	3
ECE 158, 159	Early Childhood Curriculum I, II	HD FS 1T**	3 each
ECE 170	Child Growth & Development	HD FS 1T**	3
ECE 215	Home, School & Community Relations	HD FS 2T**	3



DES MOINES AREA COMMUNITY COLLEGE	IOWA STATE
COURSE NUMBER	EQUIVALENT
COURSE TITLE	CREDITS

### **EARLY CHILDHOOD EDUCATION, continued**

ECE 221	Infant/Toddler Care and Education	HD FS 2T**	3
ECE 242	Child Life Theory	HD FS 2T**	3
ECE 243	Early Childhood Guidance	HD FS 2T**	3
ECE 268	Early Childhood Field Experience	HD FS 2T**	4
ECE 281	Practicum	HD FS 2T**	2
ECE 290	Early Childhood Program Admin	HD FS 2T**	3
ECE 343	Early Childhood Guidance Lab	HD FS 2T**	1
ECE 359	ECE Curriculum II Lab	HD FS 2T**	1
ECE 930	Administrative Practicum	HD FS 2T**	1
ECE 932	Early Childhood Internship	HD FS 2T**	2

### **ECONOMICS**

ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3

### **EDUCATION**

EDU 210	Foundations of Education	C I 204	3
EDU 213	Introduction to Education	C I 204	3
	Introduction to Education	C I 280L	R
EDU 218	Initial Field Experience	C I 280A	1
	Initial Field Experience	C I 1T**	1
EDU 245	Exceptional Learner	SP ED 250	3
EDU 252	Communication & Collaborative Partnerships	C I 2T**	3
EDU 253	Behavior Mgmt & Social Interaction Skills	C I 2T**	3

### **ENGINEERING**

EGR 100	Engineering Orientation	ENGR 101	1
+EGR 151	Engineering Visual Basic	ENGR 1T**	2
•EGR 152	Engineering MATLAB	ENGR 1T**	2
•+EGR 161	Engineering Computations	ENGR 1T**	2

*+When EGR 151 and EGR 161 are both taken, the courses will transfer as ENGR 160.*

*•When EGR 152 and EGR 161 are both taken, the courses will transfer as ENGR 160.*

*EGR 155	Engineering C/C++	ENGR 1T**	2
*EGR 161	Engineering Computations	ENGR 1T**	2

*\*When EGR 155 and EGR 161 are both taken, the courses will transfer as ENGR 160.*

EGR 166	Engineering Graphics/Conceptual Design	ENGR 170	4
EGR 180	Statics	E M 274	3
EGT 400-900	By Title	CAREER/TECH	

### **ELECTRONICS**

ELT 093	Concepts Electronics/Computers		No Credit
ELT 106-932	By Title	CAREER/TECH	

### **EMERGENCY MEDICAL TECHNICIAN - BASIC**

EMS 105-483	By Title	CAREER/TECH	
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DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### **ENGLISH**

ENG 060-061	College Prep Writing I, II		No Credit
ENG 104	Resources for Composition	ENGL 1T**	3
ENG 105	Composition I	ENGL 150	3
ENG 106	Composition II	ENGL 250	3
ENG 108	Comp II: Technical Writing	ENGL 2T**	3
ENG 145	Strategies for Composition	ENGL 1T**	2
ENG 221	Creative Writing	ENGL 2T**	3
ENG 225	Creative Writing: Poetry	ENGL 2T**	3
ENG 230	Creative Writing: Fiction	ENGL 2T**	3
ENG 235	Playwriting & Screenwriting	ENGL 2T**	3

### **ENVIRONMENTAL SCIENCE**

ENV 103	Sustainable Living	BIOL 1T**	1
ENV 115	Environmental Science	BIOL 173	3
ENV 116	Environmental Science Lab	BIOL 1T**	1
ENV 145	Conservation Biology	BIOL 1T**	4
ENV 160	Restoring Plant Communities	BIOL 1T**	3

### **NON-INTENSIVE ESL**

ESL 093-097	By Title		No Credit
*ESL 103	Advanced Academic ESL Grammar	ENGL 101	4
*ESL 104	Advanced Academic ESL Writing	ENGL 101	3
*ESL 107	Advanced Academic ESL Reading	ENGL 101	3

*\*Transfer credit in ENGL 101 does not count toward graduation.*

### **FINANCE**

FIN 101	Principles of Banking	FIN 2T**	3
FIN 121	Personal Finance	HD FS 283	3
FIN 180	Introduction to Investments	FIN 2T**	3
FIN 214	Stocks, Bonds and Investments	FIN 2T**	1

### **FIRE SCIENCE**

FIR 111-400	By Title	CAREER/TECH	
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### **FOREIGN LANGUAGE-ARABIC**

FLA 141	Elementary Arabic I	ARABC 101	4
FLA 142	Elementary Arabic II	ARABC 102	4
FLA 241	Intermediate Arabic I	ARABC 201	4
FLA 242	Intermediate Arabic II	ARABC 202X	4

### **FOREIGN LANGUAGE-CHINESE**

FLC 141	Elementary Chinese I	CHIN 101	4
FLC 142	Elementary Chinese II	CHIN 102	4
FLC 241	Intermediate Chinese I	CHIN 201	4
FLC 242	Intermediate Chinese II	CHIN 202	4

### **FOREIGN LANGUAGE-FRENCH**

FLF 151	Elementary French I	FRNCH 101	5
FLF 152	Elementary French II	FRNCH 102	5
FLF 241	Intermediate French I	FRNCH 201	4
FLF 242	Intermediate French II	FRNCH 202	4

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>FOREIGN LANGUAGE-GERMAN</u></b>			
FLG 141	Elementary German I	GER 101	4
FLG 142	Elementary German II	GER 102	4
FLG 241	Intermediate German I	GER 201	4
FLG 242	Intermediate German II	GER 202	4
<b><u>FOREIGN LANGUAGE-ITALIAN</u></b>			
FLI 141, 142	Elementary Italian I, II	WLC 1T**	4 each
FLI 241, 242	Intermediate Italian I, II	WLC 2T**	4 each
<b><u>FOREIGN LANGUAGE-JAPANESE</u></b>			
FLJ 141, 142	Elementary Japanese I, II	WLC 1T**	4 each
FLJ 241, 242	Intermediate Japanese I, II	WLC 2T**	4 each
<b><u>FOREIGN LANGUAGE-SPANISH</u></b>			
FLS 151	Elementary Spanish I	SPAN 101	5
FLS 152	Elementary Spanish II	SPAN 102	5
FLS 181	Spanish for Heritage Speakers I	SPAN 1T**	4
FLS 241	Intermediate Spanish I	SPAN 201	4
FLS 242	Intermediate Spanish II	SPAN 202	4
FLS 281	Spanish for Heritage Speakers II	SPAN 2T**	4
<b><u>GEOGRAPHY</u></b>			
GEO 111	Introduction to Geography	S SCI 1T**	3
GEO 124	Reg Geog of the NonWest World	S SCI 1T**	3
GEO 125	Regional Geog of the Dev World	S SCI 1T**	3
<b><u>GLOBAL STUDIES</u></b>			
GLS 199	Japan: The Changing Tradition	HUM 1T**	2
GLS 200	Country Study	LAS 2T**	3
GLS 210	International Year Seminar	INTST 2T**	3
GLS 220	The Middle East and Islam	HUM 2T**	3
GLS 230	Latin America	HUM 2T**	3
GLS 235	Intro to International Studies	INTST 235	3
<b><u>GRAPHIC DESIGN</u></b>			
GRD 301-900	By Title	CAREER/TECH	
<b><u>GRAPHIC TECHNOLOGIES</u></b>			
GRT 400-932	By Title	CAREER/TECH	
<b><u>HOSPITALITY, CULINARY ARTS AND MANAGEMENT</u></b>			
HCM 100	Sanitation & Safety	HSP M 233	2
HCM 110-124	By Title	CAREER/TECH	
HCM 143	Food Preparation I	HSP M 2T**	3
HCM 144	Food Preparation I Lab	HSP M 1T**	3
HCM 152,153	Food Preparation II, II Lab	HSP M 2T**	2 each
*HCM 167	Culinary Skills Development	HSP M 2T**	3
*HCM 210	Dining Management	HSP M 2T**	2

*\*When HCM 167 and HCM 210 are both taken, the courses will transfer as HRI 380 and HRI 380L.*

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

**HOSPITALITY, CULINARY ARTS AND MANAGEMENT, continued**

HCM 168-170	By Title	CAREER/TECH	
*HCM 172	International Cuisine (Lab)	HSP M 1T**	3
*HCM 173	International Cuisine	HSP M 1T**	2

*\*When HCM 172 and HCM 173 are both taken, the courses will transfer as HRI 487.*

HCM 175-240	By Title	CAREER/TECH	
HCM 250	Purchasing	HSP M 2T**	2
HCM 270	Garde Manger	CAREER/TECH	
HCM 300	Beverage Management	HSP M 2T**	2
HCM 320	Introduction to Hospitality Industry	HSP M 101	2
HCM 510-550	By Title	CAREER/TECH	
HCM 600	Intro to Lodging Operations	HSP M 2T**	2
HCM 604, 605	By Title	CAREER/TECH	

**HEATING AND AIR CONDITIONING**

HCR 253-932	By Title	CAREER/TECH	
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**HISTORY**

HIS 112	West Civ: Ancient to Early Modern	HIST 201	4
HIS 113	West Civ: Early Modern to Present	HIST 202	4
HIS 150	U.S. History to 1877	HIST 221	4
HIS 153	U.S. History since 1877	HIST 222	4
HIS 201	Iowa History	HIST 2T**	3
HIS 211	Modern Asian History	HIST 2T**	3
HIS 216	History of Modern Russia	HIST 2T**	4
HIS 249	Study Abroad: British Life and Culture	HIST 2T**	3
HIS 257	African-American History	HIST 2T**	3
HIS 266	The Civil War	HIST 2T**	3
HIS 280	Family History Research	HIST 2T**	3

**HEALTH INFORMATION TECHNOLOGY**

HIT 120-521	By Title	CAREER/TECH	
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**HONORS**

HON 100	Introduction to Honors	U ST 1T**	2
HON 200	Honors Capstone	U ST 1T**	2

**HEALTH SCIENCES**

HSC 101-232	By Title	CAREER/TECH	
HSC 240	Human Nutrition	FS HN 167	3
HSC 281	Limited Radiology	CAREER/TECH	

**HUMAN SERVICES**

HSV 109	Introduction to Human Services	HD FS 2T**	3
HSV 130	Interviewing/Interpersonal Relations	PSYCH 1T**	3
HSV 133	Conflict Resolution	SOC 1T**	3
HSV 135	Women's Issues	PSYCH 1T**	3
HSV 185	Discrimination and Diversity	SOC 1T**	3
HSV 220	Intro to Counseling Theories	PSYCH 2T**	3
HSV 255	Addictive Disease Concepts	PSYCH 2T**	3

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### HUMAN SERVICES, continued

HSV 286	Intervention Theories/Practice I	PSYCH 2T**	3
HSV 803	Seminar	S SCI 2T**	1
HSV 804	Internship	SOC 2T**	2
HSV 811, 812	Pract: Chemical Depend Counsel I, II	PSYCH 2T**	3 each

### HUMANITIES

HUM 116	Encounters in Humanities	HUM 1T**	3
HUM 120	Introduction to Film	ENGL 2T**	3
HUM 121	America in the Movies	HUM 1T**	3
HUM 249	Study Abroad: British Life and Culture	HUM 2T**	3

### INDUSTRIAL TECHNOLOGY

IND 124-168	By Title	CAREER/TECH	
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### INFORMATICS

INF 110-320	By Title	CAREER/TECH	
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### INTERIOR DESIGN

INT 124-125	By Title	CAREER/TECH	
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### INTERPRETATION AND TRANSLATION

ITR 101	Introduction to Interpreting & Translation	LING 1T**	3
ITR 102	Tools for Interpreters & Translators	LING 1T**	3
ITR 103	Fundamentals of Interpretation	LING 1T**	3
ITR 104	Fundamentals of Translation	LING 1T**	3
ITR 109	Interpretation/Translation Ethics I	HUM 1T**	3
ITR 120	Ethics for the Interpreter/Translator	HUM 1T**	1
ITR 209	Interpretation/Translation Ethics II	HUM 1T**	3
ITR 271	Healthcare Terminology & Sight Translation	WLC 2T**	3
ITR 273, 274	Healthcare Interpretation I, II	WLC 2T**	3 each
ITR 277	Healthcare Translation	WLC 2T**	3
ITR 291	Judiciary Terminology & Sight Translation	WLC 2T**	3
ITR 293, 294	Judiciary Interpretation I, II	WLC 2T**	3 each
ITR 297	Judiciary Translation	WLC 2T**	3
ITR 871	Healthcare I/T Internship	WLC 2T**	3
ITR 891	Judiciary I/T Internship	WLC 2T**	3
ITR 910	Emphasis Seminar	LING 1T**	3

### JOURNALISM

JOU 110	Intro to Mass Media	JL MC 101	3
JOU 113	Gender, Sexuality and Media	JL MC 1T**	3
JOU 114	Diversity and the Media	JL MC 1T**	3
JOU 121	Newswriting and Reporting	JL MC 2T**	3
JOU 122	Intro to News Production	JL MC 2T**	3
JOU 124	Digital Media Production	JL MC 1T**	3
JOU 142	News Practicum I	JL MC 1T**	2
JOU 143	News Practicum II	JL MC 1T**	2
JOU 163	News Media and Politics	JL MC 2T**	3
JOU 165	Principles of Advertising	ADVRT 2T**	3
JOU 242	News Practicum III	JL MC 2T**	2
JOU 243	News Practicum IV	JL MC 2T**	2

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### LITERATURE

LIT 101	Intro to Literature	ENGL 201	3
LIT 105	Children's Literature	HD FS 240	3
LIT 110	American Literature to Mid 1800's	ENGL 227	3
LIT 111	American Literature since Mid 1800's	ENGL 228	3
LIT 130	African-American Literature	ENGL 2T**	3
LIT 142	Major British Writers	ENGL 2T**	3
LIT 150	World Literature I	ENGL 2T**	3
LIT 151	World Literature II	ENGL 2T**	3
LIT 166	Science Fiction	ENGL 2T**	3
LIT 180	Mythology	ENGL 2T**	3
LIT 185	Contemporary Literature	ENGL 2T**	3
LIT 188	Detective Fiction	ENGL 2T**	3
LIT 190	Women Writers	ENGL 2T**	3
LIT 193	Humor in Literature	ENGL 2T**	3
LIT 209	Literature Film Adaptation	ENGL 2T**	3
LIT 210	The Graphic Novel	ENGL 2T**	3

### MEDICAL ASSISTANT

MAP 106-807	By Title	CAREER/TECH	
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### MATHEMATICS

MAT 034-053	By Title		No Credit
MAT 063	Elementary Algebra	MATH 25	No Credit
MAT 064	College Prep Math		No Credit
*MAT 073	Elementary Algebra II	MATH 100Z	4

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

MAT 093	Math Study Skills		No Credit
MAT 110	Math for Liberal Arts	MATH 105	3
MAT 114	Elementary Educators Math I	MATH 195	3
MAT 116	Elementary Educators Math II	MATH 196	3
MAT 121	College Algebra	MATH 140	4
MAT 129	Precalculus	MATH 145	5
MAT 130	Trigonometry	MATH 1T**	3
MAT 141	Finite Mathematics	MATH 104	4
MAT 148	Linear Algebra w/Applications	MATH 207	4
MAT 157	Statistics	STAT 101	4
MAT 160	Statistical Business Applications	STAT 1T**	2
MAT 162	Principles of Business Statistics	STAT 226	4
MAT 164	Calculus for Business/Social Science	MATH 151	4
MAT 211	Calculus I	MATH 165	5
MAT 217	Calculus II	MATH 166	5
MAT 219	Calculus III	MATH 265	4
MAT 227	Differential Equations with Laplace	MATH 267	4
MAT 772-900	By Title	CAREER/TECH	

### MOBILE DEVELOPMENT TECHNOLOGY

MDT 101-341	By Title	CAREER/TECH	
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### MANUFACTURING

MFG 105-932	By Title	CAREER/TECH	
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DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>MANAGEMENT</u></b>			
MGT 101	Principles of Management	MGMT 2T**	3
MGT 115	Administrative Management	MGMT 2T**	3
MGT 128	Organizational Behavior	CAREER/TECH	
MGT 130	Principles of Supervision	MGMT 2T**	3
MGT 145	Human Relations in Management	MGMT 2T**	3
MGT 147	Leadership Development	TSM 2T**	3
MGT 164	Total Quality Management	TSM 310	3
MGT 170, 194	By Title	CAREER/TECH	
MGT 248	Systems & Information Management	MIS 2T**	3
MGT 260	Intro to Business Logistics	SCM 2T**	3
MGT 266	Principles of Supply Chain Management	SCM 2T**	3
MGT 800-807	By Title	CAREER/TECH	
<b><u>MARKETING</u></b>			
MKT 110	Principles of Marketing	MKT 2T**	3
MKT 115	Business-to-Business Marketing	MKT 2T**	3
MKT 121	Digital Marketing	CAREER/TECH	
MKT 140	Selling	MKT 2T**	3
MKT 141	Advanced Selling Strategies	CAREER/TECH	
MKT 145	Sales Management	MGMT 2T**	3
MKT 150	Principles of Advertising	ADVRT 230	3
MKT 160	Principles of Retailing	MKT 2T**	3
MKT 182-199	By Title	CAREER/TECH	
<b><u>MEDICAL LABORATORY TECHNOLOGY</u></b>			
MLT 115-292	By Title	CAREER/TECH	
<b><u>ARCHITECTURAL MILLWORK</u></b>			
MLW 440-449	By Title	CAREER/TECH	
<b><u>MASS MEDIA STUDIES</u></b>			
MMS 473-486	By Title	CAREER/TECH	
<b><u>MORTUARY SCIENCE</u></b>			
MOR 215-941	By Title	CAREER/TECH	
<b><u>MEDICAL TRANSCRIPTION</u></b>			
MTR 120-122	Medical Transcription I, II, III	CAREER/TECH	
<b><u>APPLIED MUSIC</u></b>			
MUA 101	Applied Voice	MUSIC 1T**	1
MUA 120	Applied Piano	MUSIC 1T**	1
MUA 147	Applied Instrumental	MUSIC 1T**	1
<b><u>GENERAL MUSIC</u></b>			
MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 1T**	3
MUS 106, 107	Music Theory I, II	MUSIC 1T**	4 each
MUS 143	Concert Choir	MUSIC 1T**	3
MUS 202	World Music	MUSIC 2T**	3
MUS 204	History of Rock and Roll	MUSIC 2T**	3

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

**GENERAL MUSIC, continued**

MUS 205	Jazz History and Appreciation	MUSIC 2T**	3
MUS 275	Chamber Ensemble	MUSIC 2T**	3

**COMPUTER NETWORKING**

NET 123-932	By Title	CAREER/TECH	
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**OPTOMETRIC/OPHTHALMIC TECHNICIAN**

OPT 110-818	By Title	CAREER/TECH	
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**PHYSICAL EDUCATION ACTIVITIES**

PEA 102	Aerobic Fitness I	KIN 1T**	1
PEA 110	Badminton I	KIN 122	1
PEA 117	Bowling I	KIN 129	1
PEA 134	Golf I	KIN 135	1
PEA 144	Physical Fitness/Conditioning	KIN 258	2
PEA 146	Physical Fitness I	KIN 1T**	1
PEA 164	Swimming I	KIN 1T**	1
PEA 174	Tennis I	KIN 158	1
PEA 176	Volleyball I	KIN 182	1
PEA 184	Water Safety Instruction/Lifeguard Training	KIN 1T**	3
PEA 187	Weight Training I	KIN 166	1
PEA 234	Golf II	KIN 2T**	1
PEA 248	Advanced Strength and Conditioning	KIN 266	2
PEA 284	Advanced Lifesaving	KIN 115	1

**COACHING OFFICIATING**

PEC 110	Coaching Ethics, Tech & Theory	KIN 1T**	1
PEC 122	Intro to Anatomy and Physiology for Coaching	KIN 1T**	1
PEC 170	Sports Officiating: Basketball	KIN 1T**	1
PEC 173	Officiating: Softball/Baseball	KIN 1T**	1
PEC 177	Sports Officiating: Football	KIN 1T**	1
PEC 190	Sports Psychology for Coaches	KIN 1T**	1
PEC 191	Current Issues in Coaching	KIN 1T**	1
PEC 215	Sport Mechanics for Coaches	KIN 2T**	1
PEH 102	Health	H S 110	3
PEH 110	Personal Wellness	KIN 1T**	2
PEH 120	Principles Personal Training I	KIN 1T**	3
PEH 141	First Aid	H S 1T**	2
PEH 162	Intro to Physical Education	KIN 1T**	3
PEH 178	Sports Diversity	KIN 1T**	3
PEH 190	Sports Nutrition	KIN 1T**	2
PEH 255	Principles of Sports Management	KIN 2T**	3
PEH 262	Wellness Prog/Planning/Organization	KIN 2T**	3

**GENERAL PHYSICAL EDUCATION AND HEALTH**

PEH 265	Leadership Tech for Fitness Programs	KIN 259	2
PEH 920	Field Experience	KIN 2T**	2

**PHYSICAL EDUCATION TRAINING**

PET 110	Introduction to Athletic Training	A TR 220	2
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DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS

### **INTERCOLLEGIATE PHYSICAL EDUCATION**

PEV 115	Varsity Baseball	ATH 101	1
PEV 121	Varsity Basketball, Men	ATH 101B	1
PEV 122	Varsity Basketball, Women	ATH 101C	1
PEV 130	Varsity Cross Country	ATH 101	1
PEV 140	Varsity Golf	ATH 101	1
PEV 160	Varsity Softball	ATH 101K	1
PEV 170	Varsity Volleyball	ATH 101R	1
PEV 190	Varsity Spirit Squad	KIN 1T**	1

### **PLEBOTOMY**

PHB 113, 280	By Title	CAREER/TECH	
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### **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

### **PHARMACY TECHNICIAN**

PHR 180-804	By Title	CAREER/TECH	
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### **PHYSICAL SCIENCE**

PHS 152	Astronomy	ASTRO 1T**	4
PHS 166	Meteorology, Weather & Climate	MTEOR 206	4

### **PHYSICS**

PHY 106	Survey of Physics	PHYS 1T**	4
PHY 160	General Physics I	PHYS 111	5
PHY 161	General Physics II	PHYS 112	5
PHY 213	Classical Physics I	PHYS 221	6
PHY 223	Classical Physics II	PHYS 222	6
PHY 710	Technical Physics	CAREER/TECH	

### **PRACTICAL NURSING**

PNN 151-606	By Title	CAREER/TECH	
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### **POLITICAL SCIENCE**

POL 111	American National Government	POL S 215	3
POL 112	Amer State & Local Government	POL S 2T**	3
POL 121	International Relations	POL S 251	3
POL 125	Comparative Government & Politics	POL S 241	3
POL 129	Politics of Terrorism	POL S 2T**	3
POL 163	News Media and Politics	POL S 2T**	3
POL 171	Intro to Public Administration	POL S 2T**	3

### **PARALEGAL**

PRL 103	Introduction to Law	CJ ST 1T**	3
PRL 112, 113	Legal Research & Writing I, II	CJ ST 1T**	3 each
PRL 118	Computerized Legal Research	CJ ST 1T**	1
PRL 125	Evidence: Theory and Practice	CJ ST 1T**	3
PRL 131, 132	Torts & Litigation I, II	CJ ST 1T**	3 each
PRL 137	Debtor/Creditor Law	CJ ST 1T**	3

DES MOINES AREA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>PARALEGAL, continued</u></b>			
PRL 141, 142	Business & Corporate Law I, II	CJ ST 1T**	3 each
PRL 151	Real Estate Law	CJ ST 1T**	3
PRL 161	Family Law	CJ ST 1T**	3
PRL 167	Probate Procedure	CJ ST 1T**	3
PRL 171	Administrative Practice	CJ ST 1T**	3
PRL 182	Mediation	CJ ST 1T**	3
PRL 280	Legal Internship & Ethics	CJ ST 2T**	4
<b><u>PSYCHOLOGY</u></b>			
PSY 102	Human and Work Relations	PSYCH 1T**	3
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 140	Exploring Mental Health	PSYCH 1T**	3
PSY 172	Stress and Stress Management	PSYCH 1T**	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 333	3
PSY 291	Principles of Behavior Modification	PSYCH 2T**	3
<b><u>RESPIRATORY THERAPY</u></b>			
RCP 100-800	By Title	CAREER/TECH	
<b><u>READING</u></b>			
RDG 038-049	College Prep Reading I, II		No Credit
RDG 163	Speed Reading	ENGL 1T**	3
<b><u>REAL TIME REPORTING</u></b>			
CRC 100-275	By Title	CAREER/TECH	
<b><u>RELIGION</u></b>			
REL 101	Survey of World Religions	RELIG 205	3
REL 150	Introduction to the Bible	RELIG 1T**	3
<b><u>RAILROAD OPERATIONS</u></b>			
RRO 101	Railcar Safety	CAREER/TECH	
<b><u>STUDENT DEVELOPMENT</u></b>			
SDV 108	The College Experience	ORIEN 1T**	1
SDV 115	Study Strategies	PSYCH 131	2
SDV 130	Career Exploration	U ST 1T**	1
SDV 157	Building a Professional Portfolio	CAREER/TECH	
SDV 164	Electronic Portfolio Development	XXX 1T**	2
SDV 165	Transfer Planning	U ST 1T**	1
SDV 171	Library Instruction	LIB 160	1
SDV 172	Internet Research Techniques	LIB 1T**	1
SDV 197	SAC Experience	XXX 1T**	1
SDV 212-227	By Title	CAREER/TECH	
SDV 288	Leadership Development Studies	XXX 2T**	3

DES MOINES AREA 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 & Family	SOC 219	3
SOC 165	Group Dynamics	SOC 2T**	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 225	Social Gerontology/Applications	SOC 2T**	4
SOC 226	Issues in Aging	SOC 2T**	2
SOC 230	Juvenile Delinquency	SOC 2T**	3
SOC 240	Criminology	SOC 2T**	3
SOC 282	Environmental Sociology	SOC 2T**	3

### **SPEECH**

SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 120	Intercultural Communication	COMST 1T**	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 126	Interpersonal & Small Group Communication	COMST 102	3
SPC 170	Professional Communication	COMST 1T**	3

### **SURVEY**

SRV 110-305	By Title	CAREER/TECH	
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### **SURGICAL TECHNOLOGY**

SUR 130-810	By Title	CAREER/TECH	
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### **TELECOMMUNICATION**

TEL 111-243	By Title	CAREER/TECH	
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### **VITACULTURE**

VIN 101	Intro to Starting a Vineyard	HORT 1T**	4
VIN 102	Intro to Bearing Vineyards	HORT 1T**	4
VIN 103	Intro to Vineyard Pest Management	HORT 1T**	4
VIN 104	Vit for Wine Production	HORT 1T**	3
VIN 121	Pre-Plant Decisions	HORT 1T**	2
VIN 122	Planting and Early Care	HORT 1T**	2
VIN 123	Pruning and Canopy Management	HORT 1T**	2
VIN 124	Crop Management	HORT 1T**	2
VIN 125	Pest Identification	HORT 1T**	2
VIN 126	Pest Management	HORT 1T**	2
VIN 149-932	By Title	CAREER/TECH	

### **WATER AND WASTEWATER TREATMENT TECHNOLOGY**

WAT 100-932	By Title	CAREER/TECH	
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### **WEB DEVELOPER**

WDV 101-932	By Title	CAREER/TECH	
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### **WELDING**

WEL 208-710	By Title	CAREER/TECH	
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### **WIND ENERGY AND TURBINE TECH**

WTT 103-247	By Title	CAREER/TECH	
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