

## ***Course Equivalency Guide***

between

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

and

**Northwest Iowa Community College**  
800-352-4907  
***www.nwicc.edu***

***Based on the Northwest Iowa Community College 2021-2022 General Catalog and the  
2021-2022 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 directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course 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 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 the course will transfer to Iowa State but will not be used toward graduation from Iowa State University.
- CAREER/TECH means 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.
- "No Credit" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

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

### ACCOUNTING

ACC 111-121	By Title	CAREER/TECH	
ACC 131	Principles of Accounting I	ACCT 284	4
ACC 132	Principles of Accounting II	ACCT 285	4
ACC 142-191	By Title	CAREER/TECH	
ACC 221	Cost Accounting	ACCT 2T**	3
ACC 231, 232	Intermediate Accounting I, II	ACCT 2T**	4 each
ACC 237	Intermediate Accounting I	ACCT 2T**	4
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 265	Income Tax Accounting	ACCT 2T**	4
ACC 311	Computerized Accounting	ACCT 2T**	3
ACC 360	Accounting Spreadsheets	CAREER/TECH	

### ADMINISTRATIVE ASSISTANT

ADM 105-946	By Title	CAREER/TECH	
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### ASSOCIATE DEGREE NURSING

ADN 648-708	By Title	CAREER/TECH	
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### AGRICULTURE

AGA 114	Principles of Agronomy	AGRON 181	3
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 158	Soil Fertility	AGRON 2T**	3
AGA 182	Introduction to Soil Science	AGRON 182	3
AGB 210	Ag Law	ECON 2T**	2
AGB 235	Introduction to Agriculture Markets	ECON 235	3
AGB 330	Farm Business Management	ECON 230	3
AGB 336	Agriculture Selling	ECON 2T**	3
AGB 437	Commodity Marketing	ECON 235	3
AGB 466	Agriculture Finance	ECON 2T**	3
AGB 470	Farm Records Accounts & Analysis	ECON 2T**	3
AGC 403	Transition to Organic Farming	CAREER/TECH	
AGC 420	Issues in Agriculture	AGEDS 1T**	3
AGH 284	Pesticide Application Certification	ENT 283	3
AGM 155	Farm Equipment Management	CAREER/TECH	
AGP 329	Introduction to GPS	TSM 1T**	3
AGS 113	Survey of Animal Industry	AN S 114	3
AGS 226	Beef Cattle Science	AN S 226	3
AGS 242	Animal Health	AN S 1T**	3
AGS 270	Foods of Animal Origin	AN S 270	3
AGS 319	Animal Nutrition	AN S 2T**	3
AGT 250	Foods & Biosecurity Issues	FS HN 2T**	3

### ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 201	3
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### ART

ART 101	Art Appreciation	ART 2T**	3
ART 106	Art Appreciation Studio	ART 1T**	3
ART 117	Computer Graphic Design	ART 1T**	3
ART 120	2-D Design	ART 1T**	3
ART 124	Computer Art	ART 1T**	3

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

**ART, continued**

ART 133	Drawing	ART 1T**	3
ART 143, 144	Painting I, II	ART 1T**	3 each
ART 163	Sculpture	ART 1T**	3
ART 173	Ceramics	ART 1T**	3
ART 186	Digital Photography	ART 1T**	3
ART 203	Art History I	ART H 280	3
ART 204	Art History II	ART H 281	3

**AUTOMOTIVE TECHNOLOGY**

AUT 106-912	By Title	CAREER/TECH	
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**AUTOMATION TECHNOLOGY AND ROBOTICS**

ATR 100-102	By Title	CAREER/TECH	
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**BUSINESS COMPUTER APPLICATIONS**

BCA 115-732	By Title	CAREER/TECH	
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**BIOLOGY**

BIO 105	Introductory Biology	BIOL 101	4
*BIO 114	General Biology IA	BIOL 2T**	4
*BIO 115	General Biology IIA	BIOL 2T**	4

*\*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIO 125	Plant Biology	BIOL 2T**	4
BIO 133	Ecology	BIOL 2T**	3
BIO 134	Ecology Lab	BIOL 2T**	1
BIO 146	Genetics	BIOL 1T**	3
BIO 151	Nutrition	FS HN 167	3
BIO 154	Human Biology	BIOL 155	3
BIO 155	Human Biology Lab	BIOL 1T**	1
BIO 157	Human Biology	BIOL 155	4
BIO 162	Essentials of Anatomy and Physiology	BIOL 155	3
BIO 163	Essentials of Anatomy and Physiology I	BIOL 155	4
**BIO 165	Human Anatomy & Physiology I	BIOL 1T**	3
**BIO 167	Human Anatomy and Physiology I Lab	BIOL 1T**	1
*BIO 168	Human Anatomy & Physiology I	BIOL 1T**	4
**BIO 170	Human Anatomy and Physiology II	BIOL 1T**	3
**BIO 172	Human Anatomy and Physiology II Lab	BIOL 1T**	1
*BIO 173	Human Anatomy & Physiology II with Lab	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).*

*\*\*When BIO 165, BIO 167, BIO 170, and BIO 172 are all taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO 183	Microbiology	MICRO 1T**	3
BIO 184	Microbiology Lab	MICRO 1T**	1
BIO 186	Microbiology	MICRO 1T**	4
BIO 198	Introduction to Pathology	CAREER/TECH	

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

### **BUSINESS**

BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 106-123	By Title	CAREER/TECH	
BUS 128	Foundation to Entrepreneurship	MGMT 1T**	3
BUS 130	Introduction to Entrepreneurship	MGMT 1T**	3
BUS 135-147	By Title	CAREER/TECH	
BUS 150	E-Commerce	MKT 1T**	3
BUS 161	Human Relations	BUSAD 1T**	3
BUS 162-166	By Title	CAREER/TECH	
BUS 167	Leadership and Professionalism	BUSAD 1T**	3
BUS 180	Business Ethics	BUSAD 1T**	3
BUS 185	Business Law I	ACCT 215	3
BUS 186	Business Law II	ACCT 2T**	3
BUS 197	Leadership Development	CAREER/TECH	
BUS 210	Business Statistics I	STAT 226	3
BUS 212	Business Statistics II	STAT 2T**	3
BUS 238	Business Problem Solving	BUSAD 1T**	3
BUS 250	Principles of Real Estate	FIN 2T**	3
BUS 265	Risk Management	FIN 2T**	3
BUS 932	Internship	CAREER/TECH	

### **COMPUTER AIDED DRAFTING**

CAD 101-268	By Title	CAREER/TECH	
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### **COMPUTER FORENSICS**

CFR 110	Ethics in the Information Age	CAREER/TECH	
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### **CHEMISTRY**

CHM 110	Introduction to Chemistry	CHEM 50	No Credit
CHM 111	Introduction to Chemistry Lab	CHEM 1T**	1
CHM 122	Introduction to General Chemistry	CHEM 163	3
		CHEM 163L	1
CHM 125	General Organic & Bio Chem & Bio Chem Lab	CHEM 1T**	3
CHM 126	Gen Organic & Bio Chem Lab & Bio Chem Lab	CHEM 1T**	1
CHM 132	Introduction to Organic & Biochemistry	BBMB 1T**	4
CHM 151	College Chemistry I	CHEM 163	3
		CHEM 163L	1
CHM 152	College Chemistry II	CHEM 1T**	4
CHM 163	General Chemistry I	CHEM 177	3
CHM 164	General Chemistry I Lab	CHEM 177L	1
CHM 166	General Chemistry I	CHEM 177	4
	General Chemistry I Lab	CHEM 177L	1
CHM 173	General Chemistry II	CHEM 178	3
CHM 174	General Chemistry II Lab	CHEM 178L	1
CHM 176	General Chemistry II	CHEM 178	4

### **COMPUTER PROGRAMMING**

CIS 121	Introduction to Programming Logic	COM S 1T**	3
CIS 140-169	By Title	CAREER/TECH	
CIS 171	Java	COM S 1T**	3
CIS 176	Java II	COM S 1T**	4
CIS 185-606	By Title	CAREER/TECH	

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>CULTURAL STUDIES</u></b>			
CLS 150	Latin American History & Culture	HIST 1T**	3
<b><u>COMMUNICATION</u></b>			
COM 140	Introduction to Mass Media	JL MC 101	3
COM 712-753	By Title	CAREER/TECH	
<b><u>CRIMINAL JUSTICE</u></b>			
CRJ 100	Introduction to Criminal Justice	C J 240	3
CRJ 101	Ethics in Criminal Justice	C J 1T**	3
CRJ 118	Law Enforcement	C J 1T**	3
CRJ 120	Introduction to Corrections	C J 1T**	3
CRJ 130	Criminal Law	C J 1T**	3
CRJ 141	Criminal Investigation	C J 1T**	3
CRJ 200	Criminology	C J 242	3
CRJ 207	Drug Use and Abuse	C J 2T**	3
<b><u>COMPUTER SCIENCE</u></b>			
CSC 110	Introduction to Computers	COM S 103	3
CSC 115	Introduction to Computers II	COM S 1T**	3
CSC 116	Information Computing	COM S 113	3
CSC 142	Computer Science	COM S 1T**	4
CSC 153	Data Structures	COM S 1T**	4
<b><u>FILM AND THEATRE</u></b>			
DRA 101	Introduction to Theater	THTRE 106	3
DRA 110	Introduction to Film	ENGL 237	3
<b><u>DIESEL</u></b>			
DSL 101-881	By Title	CAREER/TECH	
<b><u>DISABILITY SERVICES</u></b>			
DSV 160	Counseling Skills	CAREER/TECH	
<b><u>EARLY CHILDHOOD EDUCATION</u></b>			
ECE 103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE 133	Child Health Safety and Nutrition	CAREER/TECH	
ECE 158	Early Childhood Curriculum I	HD FS 1T**	3
ECE 170	Child Growth and Development	HD FS 1T**	3
ECE 221	Infant/Toddler Care & Education	HD FS 2T**	3
ECE 243	Early Childhood Guidance	HD FS 2T**	3
ECE 245	Guidance and Interaction	CAREER/TECH	
ECE 287	Exceptional Learner	SP ED 2T**	3
ECE 290	Early Childhood Program Administration	HD FS 2T**	3
ECE 295	Supervision of Childcare Services	CAREER/TECH	
<b><u>ECONOMICS</u></b>			
ECN 110	Introduction to Economics	ECON 1T**	3
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3

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

### **EDUCATION**

EDU 150	Directed Observation	EDUC 1T**	1
EDU 210	Foundations of Education	EDUC 204	3
EDU 213	Introduction to Education	EDUC 204	3
EDU 220	Human Relations for the Classroom Teacher	EDUC 2T**	3
EDU 230	Curriculum and Instruction	EDUC 2T**	3
EDU 235	Children's Literature	HD FS 240	3
EDU 240	Education Psychology	PSYCH 333	3
EDU 245	Exceptional Learner	SP ED 250	3
EDU 255	Technology in the Classroom	EDUC 201	3

### **ENGINEERING**

EGR 400	Introduction to Engineering Design	ENGR 170	3
EGR 410	Principles of Engineering	ENGR 1T**	3
EGR 420	PLTW-Digital Electronics	ENGR 1T**	3
EGR 440	PLTW-Biotechnical Engineering	ENGR 1T**	3
EGR 450	PLTW-Computer Integrated Manufacturing	ENGR 1T**	3
EGR 460	PLTW-Civil Engineering and Architecture	ENGR 1T**	3
EGR 470	PLTW-Engineering Design and Development	ENGR 1T**	3

### **ENGINEERING TECHNOLOGY**

EGT 103-801	By Title	CAREER/TECH	
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### **ELECTRICAL TECHNOLOGY**

ELE 108-270	By Title	CAREER/TECH	
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### **ELECTRONICS**

ELT 112-842	By Title	CAREER/TECH	
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### **EMERGENCY MEDICAL SERVICES**

EMS 211-225	By Title	CAREER/TECH	
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### **ENGLISH COMPOSITION**

ENG 013-053	By Title		No Credit
ENG 101	Elements of Writing	CAREER/TECH	
ENG 105	Composition I	ENGL 150	3
ENG 106	Composition II	ENGL 250	3
ENG 107	Composition I: Technical Writing	ENGL 150	3
ENG 150	Fundamentals of English Grammar	ENGL 1T**	3
ENG 221	Creative Writing	ENGL 207	3
ENG 238	Creative Writing: Nonfiction	ENGL 2T**	3

### **ENVIRONMENTAL SCIENCE**

ENV 111	Environmental Science	ENV S 1T**	4
ENV 115	Environmental Science	BIOL 173	3
ENV 116	Environmental Science Lab	BIOL 1T**	1
ENV 145	Conservation Biology	BIOL 1T**	4

### **FINANCE**

FIN 101	Principles of Banking	FIN 1T**	3
FIN 121	Personal Finance	HD FS 283	3
FIN 130	Principles of Finance	FIN 1T**	3

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

### FOREIGN LANGUAGE

FLF 141	Elementary French I	FRNCH 101	4
FLG 141	Elementary German I	GER 101	4
FLG 142	Elementary German II	GER 102	4
FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 231	Intermediate Spanish I	SPAN 201	3
FLS 232	Intermediate Spanish II	SPAN 202	3
FLS 241	Intermediate Spanish I	SPAN 201	4
FLS 242	Intermediate Spanish II	SPAN 202	4
FLW 141	Elementary Hebrew I	WLC 1T**	4
FLW 142	Elementary Hebrew II	WLC 1T**	4
FLW 241	Intermediate Hebrew I	WLC 2T**	4
FLW 242	Intermediate Hebrew II	WLC 2T**	4
FLW 243	Aramaic	WLC 2T**	4

### GEOGRAPHY

GEO 121	World Regional Geography	S SCI 1T**	3
GEO 126	Cultural Geography	S SCI 1T**	3

### GLOBAL STUDIES

GLS 100	Contemporary World Issues	S SCI 1T**	3
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### GRAPHIC COMMUNICATIONS

GRA 121-920	By Title	CAREER/TECH	
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### HOSPITALITY, CULINARY ARTS, AND MANAGEMENT

HCM 239	Customer Service	CAREER/TECH	
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### HEAVY EQUIPMENT

HEQ 131-267	By Title	CAREER/TECH	
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### HISTORY

HIS 110	Western Civilization: Ancient to Early Modern	HIST 201	3
HIS 111	Western Civilization: Early Modern to Present	HIST 202	3
*HIS 117	Western Civilization I: Ancient & Medieval	HIST 201	3
+*HIS 118	Western Civilization II: Early Modern	HIST 2T**	3
+*HIS 119	Western Civilization III: Modern Period	HIST 2T**	3

*\*When HIS117, HIS118, and HIS119 are all taken, the courses will transfer as HIST 201 (4.5) and HIST 202 (4.5).*

*+\*When HIS118 and HIS119 are both taken, the courses will transfer as HIST 202 (3 cr) and HIST 2T\*\* (3 cr).*

HIS 151	U.S. History to 1877	HIST 221	3
HIS 152	U.S. History Since 1877	HIST 222	3
HIS 201	Iowa History	HIST 2T**	3
HIS 211	Modern Asian History	HIST 2T**	3
HIS 231	Contemporary World Affairs	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

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>HISTORY, continued</u></b>			
HIS 268	American Experience in Vietnam	HIST 2T**	3
HIS 271	American Frontier History	HIST 2T**	3
<b><u>HEALTH INFORMATION TECHNOLOGY</u></b>			
HIT 120-946	By Title	CAREER/TECH	
<b><u>HEALTH SCIENCES</u></b>			
HSC 105	Introduction to Health Occupations I	CAREER/TECH	
HSC 106	Contemporary Health Issues	H S 110	3
HSC 111	Issues in Health & Society	H S 1T**	3
HSC 113-245	By Title	CAREER/TECH	
<b><u>HEALTH SAFETY AND ENVIRONMENT TECH</u></b>			
HSE 100	Occupational Safety	CAREER/TECH	
<b><u>HUMAN SERVICES</u></b>			
HSV 259	Introduction to Chemical Dependency	SOC 2T**	3
<b><u>HUMANITIES</u></b>			
HUM 110	Changes and Choices	HUM 1T**	3
HUM 137	Humanities of the Modern World	HUM 1T**	3
HUM 220	Mythology	CL ST 2T**	3
HUM 287	Leadership Development Studies	LD ST 2T**	3
<b><u>INDUSTRIAL TECHNOLOGY</u></b>			
IND 148	Mechanisms	CAREER/TECH	
<b><u>LEGAL</u></b>			
LGL 110	Introduction to Paralegal Studies	C J 1T**	3
<b><u>LITERATURE</u></b>			
LIT 101	Introduction to Literature	ENGL 201	3
LIT 111	American Literature Since Mid-1800's	ENGL 228	3
LIT 120	American Novel	ENGL 1T**	3
LIT 130	African American Literature	ENGL 1T**	3
LIT 135	Film As Literature	ENGL 1T**	3
LIT 140	British Literature	ENGL 225	3
LIT 141	British Literature II	ENGL 226	3
LIT 150	World Literature I	ENGL 2T**	3
LIT 161	Short Story	ENGL 2T**	3
LIT 178	Mythological & Biblical Literature	ENGL 2T**	3
LIT 184	Young Adult Literature	ENGL 2T**	3
LIT 185	Contemporary Literature	ENGL 2T**	3
<b><u>MEDICAL ASSISTANT</u></b>			
MAP 141-402	By Title	CAREER/TECH	
<b><u>MATHEMATICS</u></b>			
MAT 044-054	By Title		No Credit
MAT 062	Elementary Algebra	MATH 25	No Credit



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

**MATHEMATICS, continued**

*MAT 102	Intermediate Algebra	MATH 100Z	4
<i>*Transfer credit in Math 100Z does not count toward graduation.</i>			
MAT 104	Applied Math Topics	CAREER/TECH	
MAT 106	Elementary Algebra	MATH 25	No Credit
MAT 108	Math Fundamentals	CAREER/TECH	
MAT 110	Math for Liberal Arts	MATH 105	3
MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 121	College Algebra	MATH 140	4
MAT 123-124	By Title	CAREER/TECH	
MAT 128	Pre-Calculus	MATH 143	4
MAT 129	Precalculus	MATH 143	5
MAT 131	Trigonometry	CAREER/TECH	
MAT 140	Finite Math	MATH 150	3
MAT 150	Discrete Math	MATH 1T**	3
MAT 156	Statistics	STAT 104	3
MAT 165	Business Calculus	MATH 151	3
MAT 210-211	Calculus I	MATH 165	4-5
MAT 216	Calculus II	MATH 166	4
MAT 219	Calculus III	MATH 265	4
MAT 227	Differential Equations	MATH 267	4
MAT 772	Applied Math	CAREER/TECH	

**MANUFACTURING TECHNOLOGY**

MFG 121-548	By Title	CAREER/TECH	
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**MANAGEMENT**

MGT 101	Principles of Management	MGMT 1T**	3
MGT 110	Small Business Management	MGMT 1T**	3
MGT 125	Performance Appraisal	MGMT 1T**	3
MGT 130	Principles of Supervision	MGMT 1T**	3
MGT 151	Management Communication I	ENGL 1T**	3
MGT 165	Principles of Quality	MGMT 1T**	3
MGT 170	Human Resource Management	MGMT 1T**	3
MGT 174-177	By Title	CAREER/TECH	
MGT 178	Employment Law	MGMT 1T**	3
MGT 190	Employee Compensation and Benefits	MGMT 1T**	3
MGT 191	Compensation Management	MGMT 1T**	3
MGT 210	Management Decision-Making	CAREER/TECH	

**MARKETING**

MKT 110	Principles of Marketing	MKT 2T**	3
MKT 121	Digital Marketing	CAREER/TECH	
MKT 140	Principles of Selling	MKT 1T**	3
MKT 150	Principles of Advertising	ADVRT 1T**	3
MKT 160	Principles of Retailing	MKT 1T**	3
MKT 181	Customer Service Strategies	CAREER/TECH	
MKT 190	International Marketing	MKT 1T**	3

**MEDICAL LAB TECHNOLOGY**

MLT 101-291	By Title	CAREER/TECH	
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NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>MASS MEDIA STUDIES</u></b>			
MMS 101	Mass Media	JL MC 101	3
<b><u>GENERAL MUSIC</u></b>			
MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 101	3
MUS 200, 201	Music History I, II	MUSIC 2T**	3 each
MUS 202	World Music	MUSIC 2T**	3
MUS 204	History of Rock-N-Roll	MUSIC 2T**	3
MUS 205	Jazz History & Appreciation	MUSIC 2T**	3
<b><u>COMPUTER NETWORKING</u></b>			
NET 114-932	By Title	CAREER/TECH	
<b><u>PHYSICAL EDUCATION</u></b>			
PEA 102	Aerobic Fitness I	KIN 1T**	1
PEA 187	Weight Training I	KIN 166	1
PEC 101	Introduction to Coaching	KIN 1T**	3
PEC 108	Sports and Society	KIN 1T**	3
PEC 110	Coaching Ethics, Techniques and Theory	KIN 1T**	1
PEC 115	Athletic Development and Human Growth	KIN 1T**	1
PEC 120	Body Structure and Function	KIN 1T**	1
PEC 126	Athletic Injury Prevention	A TR 220	2
PEH 102	Health	H S 110	3
PEH 109	Personal Wellness	KIN 1T**	1
PEH 111	Personal Wellness	KIN 1T**	3
PEH 115	Wellness Education	KIN 1T**	3
PEH 120	Principles of Personal Training I	KIN 1T**	3
PEH 122	Principles of Personal Training II	KIN 1T**	3
PEH 255	Principles of Sports Management	KIN 2T**	3
<b><u>PHILOSOPHY</u></b>			
PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHI 111	Basic Reasoning	PHIL 206	3
PHI 142	Ethics in Business	PHIL 1T**	3
<b><u>PHARMACY TECHNICIAN</u></b>			
PHR 105-941	By Title	CAREER/TECH	
<b><u>PHYSICAL SCIENCE</u></b>			
PHS 110	Introduction to Physical Science	SCI 1T**	3
PHS 111	Introduction to Physical Science Lab	SCI 1T**	1
PHS 113	Introduction to Physical Science	SCI 1T**	4
PHS 120	Exploring Physical Science	SCI 1T**	4
PHS 142	Principles of Astronomy	ASTRO 120	3
PHS 166	Meteorology: Weather and Climate	MTEOR 206	4
PHS 172	Physical Geology	GEOL 100	4
PHS 185	Introduction to Earth Science	GEOL 100	3

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>PHYSICS</u></b>			
PHY 110	Survey of Physics I	PHYS 131	2
		PHYS 131L	1
PHY 111	Survey of Physics II	PHYS 132	2
		PHYS 132L	1
PHY 162	College Physics I	PHYS 131	3
		PHYS 131L	1
PHY 172	College Physics II	PHYS 132	3
		PHYS 132L	1
PHY 212	Classical Physics I	PHYS 231L	4
		PHYS 231L	1
PHY 222	Classical Physics II	PHYS 232	4
		PHYS 232L	1
<b><u>PRACTICAL NURSING</u></b>			
PNN 647-673	By Title	CAREER/TECH	
<b><u>POLITICAL SCIENCE</u></b>			
POL 110	Introduction to Political Science	POL S 2T**	3
POL 111	American National Government	POL S 215	3
POL 112	American State and Local Government	POL S 1T**	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 1T**	3
<b><u>PARALEGAL</u></b>			
PRL 101	Paralegal Studies Orientation	CAREER/TECH	
<b><u>PSYCHOLOGY</u></b>			
PSY 102	Human and Work Relations	CAREER/TECH	
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 171	Health Psychology	PSYCH 1T**	3
PSY 211	Psychology of Adjustment	PSYCH 2T**	3
PSY 222	Child Psychology	PSYCH 2T**	3
PSY 223	Child and Adolescent Psychology	PSYCH 2T**	3
PSY 224	Adolescent Psychology	PSYCH 2T**	3
PSY 226	Psychology of Aging	PSYCH 2T**	3
PSY 228	Death & Dying	HD FS 2T**	3
PSY 241	Abnormal Psychology	PSYCH 2T**	3
PSY 246	Introduction to Counseling Skills	PSYCH 2T**	3
PSY 251	Social Psychology	PSYCH 280	3
PSY 261	Human Sexuality	HD FS 276	3
PSY 262	Psychology of Gender	PSYCH 2T**	3
PSY 281	Educational Psychology	PSYCH 333	3
<b><u>POWERLINE</u></b>			
PWL 168-966	By Title	CAREER/TECH	
<b><u>RADIOLOGIC TECHNOLOGY</u></b>			
RAD 103-949	By Title	CAREER/TECH	

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

**RELIGION**

REL 101	Survey of World Religions	RELIG 205	3
REL 150	Introduction to the Bible	RELIG 1T**	3

**STUDENT DEVELOPMENT**

SDV 108	The College Experience	ORIEN 1T**	1
SDV 130	Career Exploration	U ST 1T**	1
SDV 135-810	By Title	CAREER/TECH	

**SUSTAINABLE ENERGY RESOURCES**

SER 106	Integration of Alternative Sources of Energy	CAREER/TECH	
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**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 160	Introduction to Social Work	SOC 1T**	3
SOC 186	Contemporary Global Issues	S SCI 1T**	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 210	Men, Women & Society	SOC 2T**	3
SOC 212	Diversity	SOC 2T**	3
SOC 220	Sociology of Aging	SOC 2T**	3
SOC 230	Juvenile Delinquency	SOC 241	3
SOC 240	Criminology	C J 242	3
SOC 251	Social Psychology	PSYCH 280	3

**SPEECH**

SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 112	Public Speaking	SP CM 212	3
SPC 122	Interpersonal Communications	COMST 211	3

**WORKPLACE BASED LEARNING**

WBL 100-154	By Title	CAREER/TECH	
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**WEB DEVELOPMENT**

WDV 221-920	By Title	CAREER/TECH	
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**WELDING**

WEL 120-320	By Title	CAREER/TECH	
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