

## ***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 2020-2021 General Catalog and the  
2020-2021 Iowa State University Bulletin***

## ***How to Read the Course Equivalency Guide***

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course that is directly equivalent to the community college course, the Iowa State department and course number is listed.
- If there is not a course that is directly equivalent to the community college course, the department name is still listed with either a 1T\*\* or 2T\*\*. This shows that it does transfer as either a freshman (1T\*\*) or a sophomore (2T\*\*) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.
- A "z" after MATH 100 indicates that the course will transfer to Iowa State, but will not be used toward graduation from Iowa State University.
- CAREER/TECH means that the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.
- "NC" in the credit column indicates that the course does not transfer to Iowa State University. In most cases the course is developmental in nature.

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

### ACCOUNTING

ACC111-121	By Title	CAREER/TECH	
ACC131	Principles of Accounting I	ACCT 284	4
ACC132	Principles of Accounting II	ACCT 285	4
ACC142-191	By Title	CAREER/TECH	
ACC221	Cost Accounting	ACCT 2T**	3
ACC231, 232	Intermediate Accounting I, II	ACCT 2T**	4 each
ACC237	Intermediate Accounting I	ACCT 2T**	4
ACC261	Income Tax Accounting	ACCT 2T**	3
ACC265	Income Tax Accounting	ACCT 2T**	4
ACC311	Computerized Accounting	ACCT 2T**	3
ACC360	Accounting Spreadsheets	CAREER/TECH	

### ADMINISTRATIVE ASSISTANT

ADM105-946	By Title	CAREER/TECH	
------------	----------	-------------	--

### ASSOCIATE DEGREE NURSING

ADN648-708	By Title	CAREER/TECH	
------------	----------	-------------	--

### AGRICULTURE

AGA114	Principles of Agronomy	AGRON 181	3
AGA154	Fundamentals of Soil Science	AGRON 182	3
AGA158	Soil Fertility	AGRON 2T**	3
AGA182	Introduction to Soil Science	AGRON 182	3
AGB210	Ag Law	ECON 2T**	2
AGB235	Introduction to Agriculture Markets	ECON 235	3
AGB330	Farm Business Management	ECON 2T**	3
AGB336	Agriculture Selling	ECON 2T**	3
AGB437	Commodity Marketing	ECON 2T**	3
AGB466	Agriculture Finance	ECON 2T**	3
AGB470	Farm Records Accounts & Analysis	ECON 2T**	3
AGC403	Transition to Organic Farming	CAREER/TECH	
AGC420	Issues in Agriculture	AGEDS 1T**	3
AGH284	Pesticide Application Certification	ENT 283	3
AGM155	Farm Equipment Management	CAREER/TECH	
AGP329	Introduction to GPS	TSM 1T**	3
AGS113	Survey of Animal Industry	AN S 114	3
AGS226	Beef Cattle Science	AN S 226	3
AGS242	Animal Health	AN S 1T**	3
AGS270	Foods of Animal Origin	AN S 270	3
AGS319	Animal Nutrition	AN S 2T**	3
AGT250	Foods & Biosecurity Issues	FS HN 2T**	3

### ANTHROPOLOGY

ANT105	Cultural Anthropology	ANTHR 201	3
--------	-----------------------	-----------	---

### ART

ART101	Art Appreciation	ART 2T**	3
ART106	Art Appreciation Studio	ART 1T**	3
ART117	Computer Graphic Design	ART 1T**	3
ART120	2-D Design	ART 1T**	3
ART124	Computer Art	ART 1T**	3

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

**ART, continued**

ART133	Drawing	ART 1T**	3
ART143, 144	Painting I, II	ART 1T**	3 each
ART163	Sculpture	ART 1T**	3
ART173	Ceramics	ART 1T**	3
ART186	Digital Photography	ART 1T**	3
ART203	Art History I	ART H 280	3
ART204	Art History II	ART H 281	3

**AUTOMOTIVE TECHNOLOGY**

AUT106-912	By Title	CAREER/TECH	
------------	----------	-------------	--

**AUTOMATION TECHNOLOGY AND ROBOTICS**

ATR100-102	By Title	CAREER/TECH	
------------	----------	-------------	--

**BUSINESS COMPUTER APPLICATIONS**

BCA115-732	By Title	CAREER/TECH	
------------	----------	-------------	--

**BIOLOGY**

BIO105	Introductory Biology	BIOL 101	4
BIO114	General Biology IA	BIOL 101	4
BIO115	General Biology IIA	BIOL 1T**	4
BIO125	Plant Biology	BIOL 2T**	4
BIO133	Ecology	BIOL 2T**	3
BIO134	Ecology Lab	BIOL 2T**	1
BIO146	Genetics	BIOL 1T**	3
BIO151	Nutrition	FS HN 167	3
BIO154	Human Biology	BIOL 155	3
BIO155	Human Biology Lab	BIOL 1T**	1
BIO157	Human Biology	BIOL 1T**	4
BIO162	Essentials of Anatomy and Physiology	BIOL 1T**	3
BIO163	Essentials of Anatomy and Physiology I	BIOL 1T**	4
**BIO165	Human Anatomy & Physiology I	BIOL 1T**	3
**BIO167	Human Anatomy and Physiology I Lab	BIOL 1T**	1
*BIO168	Human Anatomy & Physiology I	BIOL 1T**	4
**BIO170	Human Anatomy and Physiology II	BIOL 1T**	3
**BIO172	Human Anatomy and Physiology II Lab	BIOL 1T**	1
*BIO173	Human Anatomy & Physiology II with Lab	BIOL 1T**	4

*\*When BIO168 and BIO173 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

*\*\*When BIO165, BIO167, BIO170, and BIO172 are all taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO183	Microbiology	MICRO 1T**	3
BIO184	Microbiology Lab	MICRO 1T**	1
BIO186	Microbiology	MICRO 1T**	4
BIO198	Introduction to Pathology	CAREER/TECH	

**BUSINESS**

BUS102	Introduction to Business	BUSAD 1T**	3
BUS106-123	By Title	CAREER/TECH	

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

### BUSINESS, continued

BUS128	Foundation to Entrepreneurship	MGMT 1T**	3
BUS130	Introduction to Entrepreneurship	MGMT 1T**	3
BUS135-147	By Title	CAREER/TECH	
BUS150	E-Commerce	MKT 1T**	3
BUS161	Human Relations	BUSAD 1T**	3
BUS162-166	By Title	CAREER/TECH	
BUS 167	Leadership and Professionalism	BUSAD 1T**	3
BUS180	Business Ethics	BUSAD 1T**	3
BUS185	Business Law I	ACCT 215	3
BUS186	Business Law II	ACCT 2T**	3
BUS197	Leadership Development	CAREER/TECH	
BUS210, 212	Business Statistics I, II	STAT 2T**	3 each
BUS238	Business Problem Solving	BUSAD 1T**	3
BUS250	Principles of Real Estate	FIN 2T**	3
BUS265	Risk Management	FIN 2T**	3
BUS932	Internship	CAREER/TECH	

### COMPUTER AIDED DRAFTING

CAD101-268	By Title	CAREER/TECH	
------------	----------	-------------	--

### COMPUTER FORENSICS

CFR110	Ethics in the Information Age	CAREER/TECH	
--------	-------------------------------	-------------	--

### CHEMISTRY

CHM110	Introduction to Chemistry	CHEM 1T**	3
CHM111	Introduction to Chemistry Lab	CHEM 1T**	1
CHM122	Introduction to General Chemistry	CHEM 163	3
		CHEM 163L	1
CHM125	General Organic & Bio Chem & Bio Chem Lab	CHEM 1T**	3
CHM126	Gen Organic & Bio Chem Lab & Bio Chem Lab	CHEM 1T**	1
CHM132	Introduction to Organic & Biochemistry	BBMB 1T**	4
CHM151	College Chemistry I	CHEM 163	3
		CHEM 163L	1
CHM152	College Chemistry II	CHEM 1T**	4
CHM163	General Chemistry I	CHEM 177	3
CHM164	General Chemistry I Lab	CHEM 177L	1
CHM166	General Chemistry I	CHEM 1T**	5
CHM173	General Chemistry II	CHEM 178	3
CHM174	General Chemistry II Lab	CHEM 178L	1
CHM176	General Chemistry II	CHEM 178	4
		CHEM 178L	1

### COMPUTER PROGRAMMING

CIS121	Introduction to Programming Logic	COM S 1T**	3
CIS140-169	By Title	CAREER/TECH	
CIS171	Java	COM S 1T**	3
CIS176	Java II	COM S 1T**	4
CIS185-606	By Title	CAREER/TECH	

### CULTURAL STUDIES

CLS150	Latin American History & Culture	HIST 1T**	3
--------	----------------------------------	-----------	---

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

### **COMMUNICATION**

COM140	Introduction to Mass Media	JL MC 101	3
COM712-753	By Title	CAREER/TECH	

### **CRIMINAL JUSTICE**

CRJ100	Introduction to Criminal Justice	C J 240	3
CRJ101	Ethics in Criminal Justice	C J 1T**	3
CRJ118	Law Enforcement	C J 1T**	3
CRJ120	Introduction to Corrections	C J 1T**	3
CRJ130	Criminal Law	C J 1T**	3
CRJ141	Criminal Investigation	C J 1T**	3
CRJ200	Criminology	C J 2T**	3
CRJ207	Drug Use and Abuse	C J 2T**	3

### **COMPUTER SCIENCE**

CSC110	Introduction to Computers	COM S 103	3
CSC115	Introduction to Computers II	COM S 1T**	3
CSC116	Information Computing	COM S 113	3
CSC142	Computer Science	COM S 1T**	4
CSC153	Data Structures	COM S 1T**	4

### **FILM AND THEATRE**

DRA101	Introduction to Theater	THTRE 106	3
DRA110	Introduction to Film	ENGL 237	3

### **DIESEL**

DSL101-881	By Title	CAREER/TECH	
------------	----------	-------------	--

### **DISABILITY SERVICES**

DSV160	Counseling Skills	CAREER/TECH	
--------	-------------------	-------------	--

### **EARLY CHILDHOOD EDUCATION**

ECE103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE133	Child Health Safety and Nutrition	CAREER/TECH	
ECE158	Early Childhood Curriculum I	HD FS 1T**	3
ECE170	Child Growth and Development	HD FS 1T**	3
ECE221	Infant/Toddler Care & Education	HD FS 2T**	3
ECE243	Early Childhood Guidance	HD FS 2T**	3
ECE245	Guidance and Interaction	CAREER/TECH	
ECE287	Exceptional Learner	SP ED 2T**	3
ECE290	Early Childhood Program Administration	HD FS 2T**	3
ECE295	Supervision of Childcare Services	CAREER/TECH	

### **ECONOMICS**

ECN110	Introduction to Economics	ECON 1T**	3
ECN120	Principles of Macroeconomics	ECON 102	3
ECN130	Principles of Microeconomics	ECON 101	3

### **EDUCATION**

EDU150	Directed Observation	EDUC 1T**	1
EDU210	Foundations of Education	EDUC 204	3
EDU213	Introduction to Education	EDUC 204	3

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>EDUCATION, continued</u></b>			
EDU220	Human Relations for the Classroom Teacher	EDUC 2T**	3
EDU230	Curriculum and Instruction	EDUC 2T**	3
EDU235	Children's Literature	HD FS 240	3
EDU240	Education Psychology	PSYCH 2T**	3
EDU245	Exceptional Learner	SP ED 250	3
EDU255	Technology in the Classroom	EDUC 201	3
<b><u>ENGINEERING</u></b>			
EGR400	Introduction to Engineering Design	ENGR 170	3
EGR410	Principles of Engineering	ENGR 1T**	3
EGR420	PLTW-Digital Electronics	ENGR 1T**	3
EGR440	PLTW-Biotechnical Engineering	ENGR 1T**	3
EGR450	PLTW-Computer Integrated Manufacturing	ENGR 1T**	3
EGR460	PLTW-Civil Engineering and Architecture	ENGR 1T**	3
EGR470	PLTW-Engineering Design and Development	ENGR 1T**	3
<b><u>ENGINEERING TECHNOLOGY</u></b>			
EGT 103-801	By Title	CAREER/TECH	
<b><u>ELECTRICAL TECHNOLOGY</u></b>			
ELE108-270	By Title	CAREER/TECH	
<b><u>ELECTRONICS</u></b>			
ELT112-842	By Title	CAREER/TECH	
<b><u>EMERGENCY MEDICAL SERVICES</u></b>			
EMS211-225	By Title	CAREER/TECH	
<b><u>ENGLISH COMPOSITION</u></b>			
ENG013-053	By Title		No Credit
ENG101	Elements of Writing	CAREER/TECH	
ENG105	Composition I	ENGL 150	3
ENG106	Composition II	ENGL 250	3
ENG107	Composition I: Technical Writing	ENGL 1T**	3
ENG150	Fundamentals of English Grammar	ENGL 1T**	3
ENG221	Creative Writing	ENGL 2T**	3
ENG238	Creative Writing: Nonfiction	ENGL 2T**	3
<b><u>ENVIRONMENTAL SCIENCE</u></b>			
ENV111	Environmental Science	ENV S 1T**	4
ENV115	Environmental Science	BIOL 173	3
ENV116	Environmental Science Lab	BIOL 1T**	1
ENV145	Conservation Biology	BIOL 1T**	4
<b><u>FINANCE</u></b>			
FIN101	Principles of Banking	FIN 1T**	3
FIN121	Personal Finance	HD FS 283	3
FIN130	Principles of Finance	FIN 1T**	3

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

### FOREIGN LANGUAGE

FLF141	Elementary French I	FRNCH 1T**	4
FLG141	Elementary German I	GER 1T**	4
FLG142	Elementary German II	GER 1T**	4
FLS141	Elementary Spanish I	SPAN 101	4
FLS142	Elementary Spanish II	SPAN 102	4
FLS231	Intermediate Spanish I	SPAN 201	3
FLS232	Intermediate Spanish II	SPAN 202	3
FLS241	Intermediate Spanish I	SPAN 201	4
FLS242	Intermediate Spanish II	SPAN 202	4
FLW141	Elementary Hebrew I	WLC 1T**	4
FLW142	Elementary Hebrew II	WLC 1T**	4
FLW241	Intermediate Hebrew I	WLC 2T**	4
FLW242	Intermediate Hebrew II	WLC 2T**	4
FLW243	Aramaic	WLC 2T**	4

### GEOGRAPHY

GEO121	World Regional Geography	S SCI 1T**	3
GEO126	Cultural Geography	S SCI 1T**	3

### GLOBAL STUDIES

GLS100	Contemporary World Issues	S SCI 1T**	3
--------	---------------------------	------------	---

### GRAPHIC COMMUNICATIONS

GRA121-920	By Title	CAREER/TECH	
------------	----------	-------------	--

### HOSPITALITY, CULINARY ARTS, AND MANAGEMENT

HCM239	Customer Service	CAREER/TECH	
--------	------------------	-------------	--

### HEAVY EQUIPMENT

HEQ131-267	By Title	CAREER/TECH	
------------	----------	-------------	--

### HISTORY

HIS110	Western Civilization: Ancient to Early Modern	HIST 201	3
HIS111	Western Civilization: Early Modern to Present	HIST 202	3
*HIS117	Western Civilization I: Ancient & Medieval	HIST 201	3
+*HIS118	Western Civilization II: Early Modern	HIST 2T**	3
+*HIS119	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).*

HIS151	U.S. History to 1877	HIST 221	3
HIS152	U.S. History Since 1877	HIST 222	3
HIS201	Iowa History	HIST 2T**	3
HIS211	Modern Asian History	HIST 2T**	3
HIS231	Contemporary World Affairs	HIST 2T**	3
HIS251	U.S. History 1945 to Present	HIST 2T**	3
HIS253	American Indian History and Culture	HIST 2T**	3
HIS257	African American History	HIST 2T**	3

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>HISTORY, continued</u></b>			
HIS268	American Experience in Vietnam	HIST 2T**	3
HIS271	American Frontier History	HIST 2T**	3
<b><u>HEALTH INFORMATION TECHNOLOGY</u></b>			
HIT120-946	By Title	CAREER/TECH	
<b><u>HEALTH SCIENCES</u></b>			
HSC105	Introduction to Health Occupations I	CAREER/TECH	
HSC106	Contemporary Health Issues	H S 110	3
HSC111	Issues in Health & Society	H S 1T**	3
HSC113-245	By Title	CAREER/TECH	
<b><u>HEALTH SAFETY AND ENVIRONMENT TECH</u></b>			
HSE100	Occupational Safety	CAREER/TECH	
<b><u>HUMAN SERVICES</u></b>			
HSV259	Introduction to Chemical Dependency	SOC 2T**	3
<b><u>HUMANITIES</u></b>			
HUM110	Changes and Choices	HUM 1T**	3
HUM137	Humanities of the Modern World	HUM 1T**	3
HUM220	Mythology	CL ST 2T**	3
HUM287	Leadership Development Studies	LD ST 2T**	3
<b><u>INDUSTRIAL TECHNOLOGY</u></b>			
IND148	Mechanisms	CAREER/TECH	
<b><u>LEGAL</u></b>			
LGL110	Introduction to Paralegal Studies	C J 1T**	3
<b><u>LITERATURE</u></b>			
LIT101	Introduction to Literature	ENGL 201	3
LIT111	American Literature Since Mid-1800's	ENGL 228	3
LIT120	American Novel	ENGL 1T**	3
LIT130	African American Literature	ENGL 1T**	3
LIT135	Film As Literature	ENGL 1T**	3
LIT140	British Literature	ENGL 225	3
LIT141	British Literature II	ENGL 226	3
LIT150	World Literature I	ENGL 2T**	3
LIT161	Short Story	ENGL 2T**	3
LIT178	Mythological & Biblical Literature	ENGL 2T**	3
LIT184	Young Adult Literature	ENGL 2T**	3
LIT185	Contemporary Literature	ENGL 2T**	3
<b><u>MEDICAL ASSISTANT</u></b>			
MAP141-402	By Title	CAREER/TECH	
<b><u>MATHEMATICS</u></b>			
MAT044-054	By Title		No Credit
MAT062	Elementary Algebra	MATH 25	No Credit



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

**MATHEMATICS, continued**

*MAT102	Intermediate Algebra	MATH 100Z	4
<i>*Transfer credit in Math 100Z does not count toward graduation.</i>			
MAT104	Applied Math Topics	CAREER/TECH	
MAT106	Elementary Algebra	MATH 25	No Credit
MAT108	Math Fundamentals	CAREER/TECH	
MAT110	Math for Liberal Arts	MATH 105	3
MAT117	Math for Elementary Teachers	MATH 195	3
MAT121	College Algebra	MATH 140	4
MAT123-124	By Title	CAREER/TECH	
MAT128	Pre-Calculus	MATH 143	4
MAT129	Precalculus	MATH 143	5
MAT131	Trigonometry	CAREER/TECH	
MAT140	Finite Math	MATH 150	3
MAT150	Discrete Math	MATH 1T**	3
MAT156	Statistics	STAT 104	3
MAT165	Business Calculus	MATH 151	3
MAT210-211	Calculus I	MATH 165	4-5
MAT216	Calculus II	MATH 166	4
MAT219	Calculus III	MATH 265	4
MAT227	Differential Equations	MATH 267	4
MAT772	Applied Math	CAREER/TECH	

**MANUFACTURING TECHNOLOGY**

MFG121-548	By Title	CAREER/TECH	
------------	----------	-------------	--

**MANAGEMENT**

MGT101	Principles of Management	MGMT 1T**	3
MGT110	Small Business Management	MGMT 1T**	3
MGT125	Performance Appraisal	MGMT 1T**	3
MGT130	Principles of Supervision	MGMT 1T**	3
MGT151	Management Communication I	ENGL 1T**	3
MGT165	Principles of Quality	MGMT 1T**	3
MGT170	Human Resource Management	MGMT 1T**	3
MGT174-177	By Title	CAREER/TECH	
MGT178	Employment Law	MGMT 1T**	3
MGT190	Employee Compensation and Benefits	MGMT 1T**	3
MGT191	Compensation Management	MGMT 1T**	3
MGT210	Management Decision-Making	CAREER/TECH	

**MARKETING**

MKT110	Principles of Marketing	MKT 2T**	3
MKT121	Digital Marketing	CAREER/TECH	
MKT140	Principles of Selling	MKT 1T**	3
MKT150	Principles of Advertising	ADVRT 1T**	3
MKT160	Principles of Retailing	MKT 1T**	3
MKT181	Customer Service Strategies	CAREER/TECH	
MKT190	International Marketing	MKT 1T**	3

**MEDICAL LAB TECHNOLOGY**

MLT101-291	By Title	CAREER/TECH	
------------	----------	-------------	--

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>MASS MEDIA STUDIES</u></b>			
MMS101	Mass Media	JL MC 101	3
<b><u>GENERAL MUSIC</u></b>			
MUS100	Music Appreciation	MUSIC 102	3
MUS102	Music Fundamentals	MUSIC 101	3
MUS200, 201	Music History I, II	MUSIC 2T**	3 each
MUS202	World Music	MUSIC 2T**	3
MUS204	History of Rock-N-Roll	MUSIC 2T**	3
MUS205	Jazz History & Appreciation	MUSIC 2T**	3
<b><u>COMPUTER NETWORKING</u></b>			
NET114-932	By Title	CAREER/TECH	
<b><u>PHYSICAL EDUCATION</u></b>			
PEA102	Aerobic Fitness I	KIN 1T**	1
PEA187	Weight Training I	KIN 1T**	1
PEC101	Introduction to Coaching	KIN 1T**	3
PEC108	Sports and Society	KIN 1T**	3
PEC110	Coaching Ethics, Techniques and Theory	KIN 1T**	1
PEC115	Athletic Development and Human Growth	KIN 1T**	1
PEC120	Body Structure and Function	KIN 1T**	1
PEC126	Athletic Injury Prevention	A TR 220	2
PEH102	Health	H S 1T**	3
PEH109	Personal Wellness	KIN 1T**	1
PEH111	Personal Wellness	KIN 1T**	3
PEH115	Wellness Education	KIN 1T**	3
PEH120	Principles of Personal Training I	KIN 1T**	3
PEH122	Principles of Personal Training II	KIN 1T**	3
PEH255	Principles of Sports Management	KIN 2T**	3
<b><u>PHILOSOPHY</u></b>			
PHI101	Introduction to Philosophy	PHIL 201	3
PHI105	Introduction to Ethics	PHIL 230	3
PHI111	Basic Reasoning	PHIL 206	3
PHI142	Ethics in Business	PHIL 1T**	3
<b><u>PHARMACY TECHNICIAN</u></b>			
PHR105-941	By Title	CAREER/TECH	
<b><u>PHYSICAL SCIENCE</u></b>			
PHS110	Introduction to Physical Science	SCI 1T**	3
PHS111	Introduction to Physical Science Lab	SCI 1T**	1
PHS113	Introduction to Physical Science	SCI 1T**	4
PHS120	Exploring Physical Science	SCI 1T**	4
PHS142	Principles of Astronomy	ASTRO 120	3
PHS166	Meteorology: Weather and Climate	MTEOR 1T**	4
PHS172	Physical Geology	GEOL 100	4
PHS185	Introduction to Earth Science	GEOL 100	3

NORTHWEST IOWA COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
<b><u>PHYSICS</u></b>			
PHY110	Survey of Physics I	PHYS 1T**	3
PHY111	Survey of Physics II	PHYS 1T**	3
PHY162	College Physics I	PHYS 1T**	4
PHY172	College Physics II	PHYS 1T**	4
PHY212	Classical Physics I	PHYS 231L	4
		PHYS 231L	1
PHY222	Classical Physics II	PHYS 232	4
		PHYS 232L	1
<b><u>PRACTICAL NURSING</u></b>			
PNN647-673	By Title	CAREER/TECH	
<b><u>POLITICAL SCIENCE</u></b>			
POL110	Introduction to Political Science	POL S 2T**	3
POL111	American National Government	POL S 215	3
POL112	American State and Local Government	POL S 1T**	3
POL121	International Relations	POL S 1T**	3
POL125	Comparative Government & Politics	POL S 241	3
POL129	Politics of Terrorism	POL S 1T**	3
<b><u>PARALEGAL</u></b>			
PRL101	Paralegal Studies Orientation	CAREER/TECH	
<b><u>PSYCHOLOGY</u></b>			
PSY102	Human and Work Relations	CAREER/TECH	
PSY111	Introduction to Psychology	PSYCH 101	3
PSY121	Developmental Psychology	PSYCH 230	3
PSY171	Health Psychology	PSYCH 1T**	3
PSY211	Psychology of Adjustment	PSYCH 2T**	3
PSY222	Child Psychology	PSYCH 2T**	3
PSY223	Child and Adolescent Psychology	PSYCH 2T**	3
PSY224	Adolescent Psychology	PSYCH 2T**	3
PSY226	Psychology of Aging	PSYCH 2T**	3
PSY228	Death & Dying	HD FS 2T**	3
PSY241	Abnormal Psychology	PSYCH 2T**	3
PSY246	Introduction to Counseling Skills	PSYCH 2T**	3
PSY251	Social Psychology	PSYCH 280	3
PSY261	Human Sexuality	HD FS 276	3
PSY262	Psychology of Gender	PSYCH 2T**	3
PSY281	Educational Psychology	PSYCH 2T**	3
<b><u>POWERLINE</u></b>			
PWL168-966	By Title	CAREER/TECH	
<b><u>RADIOLOGIC TECHNOLOGY</u></b>			
RAD103-949	By Title	CAREER/TECH	
<b><u>RELIGION</u></b>			
REL101	Survey of World Religions	RELIG 205	3
REL150	Introduction to the Bible	RELIG 1T**	3

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

**STUDENT DEVELOPMENT**

SDV108	The College Experience	ORIEN 1T**	1
SDV130	Career Exploration	U ST 1T**	1
SDV135-810	By Title	CAREER/TECH	

**SUSTAINABLE ENERGY RESOURCES**

SER106	Integration of Alternative Sources of Energy	CAREER/TECH	
--------	--	-------------	--

**SOCIOLOGY**

SOC110	Introduction to Sociology	SOC 134	3
SOC115	Social Problems	SOC 235	3
SOC120	Marriage and Family	SOC 219	3
SOC160	Introduction to Social Work	SOC 1T**	3
SOC186	Contemporary Global Issues	S SCI 1T**	3
SOC200	Minority Group Relations	SOC 2T**	3
SOC210	Men, Women & Society	SOC 2T**	3
SOC212	Diversity	SOC 2T**	3
SOC220	Sociology of Aging	SOC 2T**	3
SOC230	Juvenile Delinquency	SOC 241	3
SOC240	Criminology	C J 242	3
SOC251	Social Psychology	PSYCH 280	3

**SPEECH**

SPC101	Fundamentals of Oral Communication	SP CM 212	3
SPC112	Public Speaking	SP CM 212	3
SPC122	Interpersonal Communications	COMST 211	3

**WORKPLACE BASED LEARNING**

WBL100-154	By Title	CAREER/TECH	
------------	----------	-------------	--

**WEB DEVELOPMENT**

WDV221-920	By Title	CAREER/TECH	
------------	----------	-------------	--

**WELDING**

WEL120-320	By Title	CAREER/TECH	
------------	----------	-------------	--