Course Equivalency Guide

between

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

and

Iowa Central Community College
800 362-2793
www.iowacentral.edu

Based on the Iowa Central 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.

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

ACCOUNTING
ACC102-111	By Title	CAREER/TECH	
ACC142	Financial Accounting	ACCT 284	3
ACC146	Managerial Accounting	ACCT 285	3
ACC211, 212	Intermediate Accounting I, 2	ACCT 2T**	3 each
ACC221	Cost Accounting	ACCT 2T**	3
ACC266	Tax Accounting	ACCT 2T**	3
ACC311	Computer Accounting	ACCT 2T**	3
ACC330-932	By Title	CAREER/TECH	

ADMINISTRATIVE ASSISTANT
ADM105-941	By Title	CAREER/TECH	

ASSOCIATE DEGREE NURSING
ADN405-806	By Title	CAREER/TECH	

AGRICULTURE - AGRONOMY
AGA154	Fundamentals of Soil Science	AGRON 182	3
AGA155	Fundamentals of Soil Science Lab	AGRON 1T**	1
AGA271	Advanced Corn & Soybean Production	AGRON 2T**	3
AGA380	Integrated Pest Management/Lab	ENT 2T**	4
AGA381*	Crop Scouting	AGRON 1T**	3
AGA390	Introduction to Renewable Resources	NREM 120	3
AGA852	Principles of Crop Production	AGRON 181	3
AGA880	Forage Crop Management	AGRON 2T**	3

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AGRICULTURE - FARM MANAGEMENT - BUSINESS
AGB133	Introduction to Agricultural Business	ECON 2T**	3
AGB206, 207	Farm Operations & Management I, II	AGEDS 1T**	3 each
AGB235	Introduction to Agriculture Markets	ECON 235	3
AGB330	Farm Business Management	ECON 230	3
AGB336	Agriculture Sales	ECON 336	3
AGB934	Practicum	ECON 2T**	3

AGRICULTURE - COMPREHENSIVE
AGC129-940	By Title	CAREER/TECH	

AGRICULTURE - EQUINE
AGE219	Equine Science	AN S 216	3

AGRICULTURE - HORTICULTURE
AGH112	Introduction to Turf Grass Management	HORT 1T**	3
AGH120	Herbaceous Plant Materials	HORT 330	3
AGH124	Woody Plants/Trees	HORT 240	3
AGH141-148	By Title	CAREER/TECH	
AGH152	Landscape Design Technology	HORT 281	3
AGH156	Landscape Design II	HORT 2T**	3
AGH161-172	By Title	CAREER/TECH	
AGH180	Turf Grass Facilities Management	HORT 1T**	2
AGH211	Advanced Turf Grass Management	HORT 2T**	3
AGH221	Principles of Horticulture	HORT 221	3

IOWA CENTRAL COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	**COURSE TITLE**	**EQUIVALENT**	**CREDITS**

AGRICULTURE - HORTICULTURE,continued

AGH255	Applicator License Prep	HORT 1T**	1
AGH340	Turfgrass Professionalism	HORT 1T**	1
AGH350	Turfgrass Professionalism II	HORT 2T**	1
AGH805	Horticulture Internship I	CAREER/TECH	

AGRICULTURE - MECHANICS

AGM101	Ag Dsl Tractor/Equip Main	CAREER/TECH	

AGRICULTURE - PRECISION AG

AGP330-336	By Title	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS113	Survey of the Animal Industry	AN S 114	3
AGS242	Animal Health	AN S 2T**	3
AGS308	Livestock Management Techniques	AN S 2T**	3
AGS319	Animal Nutrition	AN S 2T**	3
AGS401	Swine Production	AN S 225	3
AGS553	Beef Production	AN S 226	3

ANTHROPOLOGY

ANT105	Cultural Anthropology	ANTHR 201	3

ART

ART101	Art Appreciation	ART 1T**	3
ART115,116	Graphic Design I, II	ART 1T**	3 each
ART120	2-D Design	ART 1T**	3
ART123	3-D Design	ART 1T**	3
ART133,134	Drawing I, II	ART 1T**	3 each
ART143	Painting I	ART 1T**	3
ART163	Sculpture	ART 1T**	3
ART173,174	Ceramics I, II	ART 1T**	3 each
ART184	Photography	ART 1T**	3
ART187	Creative Photography	ART 1T**	3
ART191	Darkroom Photography	ART 1T**	1
ART203	Art History I	ART H 280	3
ART204	Art History II	ART H 281	3
ART929	Individual Projects	ART 2T**	1-4
ART932	Internship	ART 2T**	1
ART949	Special Topics	ART 2T**	1-4

AMERICAN SIGN LANGUAGE

ASL131	American Sign Language I	ASL 101	3
ASL161	American Sign Language II	ASL 102	3
ASL949	Special Topics	ASL 2T**	3

AUTOMATION TECH AND ROBOTICS

ATR 253-270	By Title	CAREER/TECH	

AUTOMOTIVE TECHNOLOGY

AUT108-949	By Title	CAREER/TECH	

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

BUSINESS COMPUTER APPLICATIONS

BCA122-185	By Title	CAREER/TECH	
BCA212	Introduction to Cmputer Business Applications	COM S 2T**	3
BCA251-284	By Title	CAREER/TECH	

BIOLOGY

BIO102	Introductory Biology	BIOL 101	3
BIO103	Introductory Biology Lab	BIOL 1T**	1
BIO105	Introductory Biology	BIOL 1T**	4
*BIO112	General Biology I	BIOL 2T**	4
*BIO113	General Biology II	BIOL 2T**	4

*When BIO112 and BIO113 are both taken, the courses will transfer as
BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).*

BIO151	Nutrition	FS HN 167	3
BIO163	Essentials of Anatomy and Physiology	BIOL 155	4
*BIO168	Human Anatomy and Physiology I w/lab	BIOL 1T**	4
*BIO173	Human Anatomy and Physiology II w/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).*

BIO186	Microbiology	MICRO 201	3
	Microbiology Lab	MICRO 201L	1
BIO948	Special Projects	BIOL 2T**	1
BIO949	Special Topics	BIOL 2T**	1

BIOPROCESS TECHNOLOGY

BPT113-932	By Title	CAREER/TECH	

BUSINESS

BUS102	Introduction to Business	BUSAD 1T**	3
BUS112-113	By Title	CAREER/TECH	
BUS114	Workplace Communications	COMM 1T**	3
BUS121	Business Communication	ENGL 2T**	3
BUS130	Introduction to Entrepreneurship	BUSAD 1T**	3
BUS135	Managing the Entrepreneurial Venture	MGMT 2T**	3
BUS145	Financial Entrepreneurship	FIN 2T**	3
BUS161	Human Relations	BUSAD 1T**	3
BUS180	Business Ethics	PHIL 1T**	3
BUS185	Business Law I	ACCT 215	3
BUS186	Business Law II	ACCT 2T**	3
BUS210	Business Statistics	BUSAD 2T**	3
BUS230	Quant Methods for Business Decision Making	BUSAD 2T**	3
BUS241-932	By Title	CAREER/TECH	
BUS949	Special Topics	BUSAD 2T**	3

COMPUTER AIDED DRAFTING

CAD101-949	By Title	CAREER/TECH	

CHEMISTRY

CHM110	Introduction to Chemistry	CHEM 163	3
CHM111	Introduction to Chemistry Lab	CHEM 163L	1
CHM112	Introduction to Chemistry	CHEM 163	3
		CHEM 163L	1

CHEMISTRY, continued

CHM130	Introduction to Organic and Biochemistry	CHEM 231	3
CHM131	Introduction to Organic and Biochemistry Lab	CHEM 231L	1
CHM165	General Chemistry I	CHEM 177	3
	General Chemistry I Lab	CHEM 177L	1
CHM175	General Chemistry II	CHEM 178	3
	General Chemistry II Lab	CHEM 178L	1
CHM261	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 331L	1
CHM271	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 332L	1
CHM948	Special Projects	CHEM 2T**	1
CHM949	Special Topics	CHEM 2T**	1
CHT105	Applied Chemistry	CAREER/TECH	

COMPUTER PROGRAMMING

CIS153	Data Structures	COM S 208	4
*CIS162	C++	COM S 207	4
	*When CIS162 and MAT180 are both taken, the courses will transfer as ENGR 160.		
CIS172	Java	COM S 1T**	4
CIS189-352	By Title	CAREER/TECH	
CIS604	Visual Basic	COM S 1T**	3
CIS612	Advanced Visual Basic	COM S 1T**	3

CULTURAL STUDIES

CLS130	African Cultures	HUM 1T**	3
CLS141	Middle Eastern History & Culture	HIST 1T**	3
CLS150	Latin American History & Culture	HIST 1T**	3
CLS165	Understanding Cultures: Japan	HUM 1T**	3
CLS167	Understanding Cultures: China	HUM 1T**	3
CLS170	Russian History & Culture	HUM 1T**	3
CLS181	American Diversity	HUM 1T**	3
CLS210	Cultures in Transition	HUM 2T**	3
CLS949	Special Topics in Cultural Studies	INTST 2T**	1

COMMUNICATION

COM142	Mass Media Writing	JL MC 1T**	3
COM148	Diversity and the Media	JL MC 1T**	3
COM150	Mass Communications and Society	JL MC 101	3
COM157	Newspaper Production	JL MC 1T**	1
COM170	Crisis Media Management	P R IT**	3
COM947	Special Projects	COMM 2T**	2
COM949	Special Topics	COMM 2T**	1

CONSTRUCTION

CON100-949	By Title	CAREER/TECH	

CRIMINAL JUSTICE

CRJ100	Introduction to Criminal Justice	CJ ST 240	3
CRJ110	Patrol Procedures	CJ ST 1T**	3
CRJ120	Introduction to Corrections	CJ ST 1T**	3

CRIMINAL JUSTICE, continued

CRJ130	Criminal Law	CJ ST 1T**	3
CRJ132	Constitutional Law	CJ ST 1T**	3
CRJ133	Constitutional Criminal Procedure	CJ ST 1T**	3
CRJ141	Criminal Investigation	CJ ST 1T**	3
CRJ152	Defensive Tactics	CJ ST 1T**	3
CRJ160	Introduction to Forensic Investigation	CJ ST 1T**	3
CRJ170	Overview of Cybercrime	CJ ST 1T**	3
CRJ200	Criminology	CJ ST 2T**	3
CRJ201	Juvenile Delinquency	SOC 241	3
CRJ206	Terrorism Response	CJ ST 2T**	3
CRJ260	Medicolegal Death Investigation	CJ ST 2T**	3
CRJ300	Perspectives of Homeland Security	CJ ST 2T**	3

COLLISION REPAIR AND REFINISH

CRR104-949	By Title	CAREER/TECH	

COMPUTER SCIENCE

CSC040	Computer Fundamentals		No Credit
CSC110	Introduction to Computers	COM S 103	3
CSC116	Information Computing	COM S 113	3
CSC125	Microsoft Fundamentals	CAREER/TECH	

DENTAL HYGIENE

DHY114-303	By Title	CAREER/TECH	

FILM AND THEATRE

DRA101	Introduction to Theatre	THTRE 106	3
DRA125	Introduction to Play Analysis	THTRE 1T**	3
DRA130	Acting I	THTRE 251	3
DRA132	Acting II	THTRE 1T**	3
DRA162	Technical Theatre	THTRE 250	3
DRA929	Individual Project	THTRE 2T**	1-4

DIESEL

DSL120-949	By Title	CAREER/TECH	

EARLY CHILDHOOD EDUCATION

ECE103-262	By Title	CAREER/TECH	

ECONOMICS

ECN120	Principles of Macroeconomics	ECON 102	3
ECN130	Principles of Microeconomics	ECON 101	3

EDUCATION

EDU115	Education and the Teaching Process	C I 1T**	4
EDU213	Introduction to Education	C I 204	3
EDU235	Children's Literature	HD FS 240	3
EDU245	Exceptional Learner	SP ED 250	3
EDU255	Technology in the Classroom	C I 201	3
EDU920	Field Experience	C I 2T**	2
EDU949	Special Topics	C I 2T**	1

IOWA CENTRAL COMMUNITY COLLEGE COURSE NUMBER	COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
ENGINEERING TECHNOLOGY			
EGT400-450	By Title	CAREER/TECH	
ELECTRICAL TECHNOLOGY			
ELE104-949	By Title	CAREER/TECH	
EMERGENCY MEDICAL SERVICES			
EMS113-825	By Title	CAREER/TECH	
ENGLISH COMPOSITION			
ENG025-096	By Title		No Credit
ENG105	Composition I	ENGL 150	3
	Composition I: Library	LIB 160	R
ENG106	Composition II	ENGL 250	3
ENG111	Technical Writing	ENGL 2T**	3
ENG221	Creative Writing	ENGL 207	3
ENG949	Special Topics	ENGL 2T**	1-4
ENVIRONMENTAL SCIENCE			
ENV111	Environmental Science	ENV S 173	4
NON-INTENSIVE ESL			
*ESL265, 266	English As a Second Language I, 2	ENGL 101	4 each
	*Transfer credit in ENGL 101 does not count toward graduation.		
FIN			
FIN101-180	By Title	CAREER/TECH	3
FIRE SCIENCE			
FIR124-400	By Title	CAREER/TECH	
FOREIGN LANGUAGE - SPANISH			
FLS141	Elementary Spanish I	SPAN 101	4
FLS142	Elementary Spanish II	SPAN 102	4
FLS241	Intermediate Spanish I	SPAN 201	4
FLS242	Intermediate Spanish II	SPAN 202	4
FLS948	Special Projects	WLC 2T**	1-3
FLS949	Special Topics	WLC 2T**	1-3
GEOGRAPHY			
GEO121	World Regional Geography	S SCI 1T**	3
GRAPHIC COMMUNICATIONS			
GRA102-949	By Title	CAREER/TECH	
HEALTH CARE ADMINISTRATION			
HCA151-161	By Title	CAREER/TECH	
HOSPITALITY, CULINARY ARTS AND MANAGEMENT			
HCM108-949	By Title	CAREER/TECH	

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

HEATING AND AIR CONDITIONING
HCR102-932	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
HIS151	U.S. History to 1877	HIST 221	3
HIS152	U.S. History Since 1877	HIST 222	3
HIS211	Modern Asian History	HIST 2T**	3
HIS251	US History 1945 to Present	HIST 2T**	3

HEALTH SCIENCES
HSC104-970	By Title	CAREER/TECH	

HUMAN SERVICES
HSV135	Women's Issues	S SCI 1T**	3
HSV162	Introduction Human Disabilities and Services	S SCI 1T**	3
HSV180	Ethics for Human Services Professionals	S SCI 1T**	1
HSV220	Introduction to Counseling Theories	S SCI 2T**	3
HSV229	Group Facilitation Techniques	S SCI 2T**	3
HSV255	Addictive Disease Concepts	S SCI 2T**	3
HSV269	Victim Advocacy	S SCI 2T**	1
HSV276	Social Justice and Advocacy	S SCI 2T**	3
HSV285	Case Management: Intake to Discharge	S SCI 2T**	3
HSV850	Human Services Field Experience I	S SCI 2T**	2
HSV854, 855	Human Services Field Experience IA, IB	S SCI 2T**	1 each
HSV928	Independent Studies	S SCI 2T**	1-4
HSV949	Special Topics	S SCI 2T**	3

HUMANITIES
HUM113	Exploring the Humanities	HUM 1T**	3
HUM182	Digital App - Music, Art, Theatre	XXX 1T**	3
HUM185	Technology and Social Change	T SC 1T**	3

INDUSTRIAL TECHNOLOGY
IND108-949	By Title	CAREER/TECH	

JOURNALISM
JOU121	News Writing and Reporting	JL MC 2T**	3
JOU200	Ap Style Editing	JL MC 2T**	3
JOU210	Media Law and Ethics	JL MC 2T**	3
JOU941	Practicum	JL MC 2T**	1

LITERATURE
LIT101	Introduction to Literature	ENGL 201	3
LIT110	American Literature to Mid 1800's	ENGL 227	3
LIT111	American Literature Since Mid 1800's	ENGL 228	3
LIT130	African American Literature	AF AM 201	3
LIT133	Minority Voices in U.S. Literature	ENGL 1T**	3
LIT140	British Literature I	ENGL 225	3
LIT141	British Literature II	ENGL 226	3
LIT155	Modern World Fiction	ENGL 2T**	3

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

MEDICAL ASSISTANT
| MAP115-610 | By Title | CAREER/TECH | |

MATHEMATICS
MAT023-045	By Title		No Credit
MAT063	Elementary Algebra	MATH 25	No Credit
*MAT102	Intermediate Algebra	MATH 100Z	4

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

MAT111	Math for Liberal Arts	MATH 1T**	4
MAT117	Math for Elementary Teachers	MATH 195	3
MAT120	College Algebra	MATH 140	3
MAT127	College Algebra and Trigonometry	MATH 143	5
MAT130	Trigonometry	MATH 1T**	3
MAT140	Finite Mathematics	MATH 150	3
MAT156	Statistics	STAT 104	3
MAT157	Statistics	STAT 101	4
MAT158	Statistics II	STAT 1T**	3
MAT159	Statistics Laboratory	STAT 1T**	1
MAT165	Business Calculus	MATH 151	3
*MAT180	Engineering Problems	ENGR 1T**	2

When MAT180 and CIS162 are both taken, the courses will transfer as ENGR 160.

MAT210	Calculus I	MATH 165	4
MAT216	Calculus II	MATH 166	4
MAT219	Calculus III	MATH 265	4
MAT226	Differential Equations with Laplace	MATH 267	3
MAT267	Elem Differential Equations w/Laplace Transforms	MATH 267	4
MAT743-749	Technical Math I, II, III	CAREER/TECH	
MAT948	Special Projects	MATH 2T**	1
MAT949	Special Topics	MATH 2T**	1

MANUFACTURING
| MFG238-949 | By Title | CAREER/TECH | |

MANAGEMENT
MGT101	Principles of Management	MGMT 2T**	3
MGT260-280	By Title	CAREER/TECH	

MARKETING
MKT110	Principles of Marketing	MKT 2T**	3
MKT131	Social Media Marketing	MKT 2T**	3
MKT136	Intro to Selling	MKT 2T**	3
MKT145	Sales Management	MKT 2T**	3
MKT153	Advertising and Promotion	ADVRT 1T**	3

MEDICAL LABORATORY TECHNOLOGY
| MLT111-290 | By Title | CAREER/TECH | |

MASS MEDIA STUDIES
MMS101	Mass Media	JL MC 101	3
MMS120-204	By Title	CAREER/TECH	

IOWA CENTRAL COMMUNITY COLLEGE COURSE NUMBER	COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
MASS MEDIA STUDIES, continued			
MMS241	Public Relations and Marketing	P R 2T**	3
MMS265-938	By Title	CAREER/TECH	
MEDICAL TRANSCRIPTION			
MTR120-941	By Title	CAREER/TECH	
APPLIED MUSIC			
MUA101	Applied Voice II	MUSIC 1T**	1
MUA102	Applied Voice II	MUSIC 1T**	1
MUA119	Class Piano	MUSIC 1T**	1
MUA120	Applied Piano	MUSIC 1T**	1
MUA122	Applied Organ	MUSIC 1T**	1
MUA124	Applied Guitar	MUSIC 1T**	1
MUA126	Applied Strings	MUSIC 1T**	1
MUA143	Applied Brass	MUSIC 1T**	1
MUA170	Applied Woodwinds	MUSIC 1T**	1
MUA180	Applied Percussion	MUSIC 1T**	1
MUA220	Applied Piano II	MUSIC 2T**	1
GENERAL MUSIC			
MUS100	Music Appreciation	MUSIC 102	3
MUS102	Music Fundamentals	MUSIC 101	3
MUS118, 119	Sightsinging and Ear Training I, II	MUSIC 1T**	2 each
MUS120, 121	Music Theory I, II	MUSIC 1T**	3 each
MUS140	Concert Choir	MUSIC 1T**	1
MUS141	Concert Choir II	MUSIC 1T**	1
MUS145	Concert Band II	MUSIC 1T**	1
MUS149	Pep Band	MUSIC 1T**	1
MUS152	Vocal Ensemble	MUSIC 1T**	1
MUS157	Vocal Jazz Ensemble	MUSIC 1T**	1
MUS164	Pop Singers	MUSIC 1T**	2
MUS167	Marching Band/Pep Band	MUSIC 1T**	1
MUS170	Jazz Band	MUSIC 1T**	1
MUS171	Jazz Band II	MUSIC 1T**	1
MUS176	Brass Ensemble	MUSIC 1T**	1
MUS177	Percussion Ensemble	MUSIC 1T**	1
MUS210	Pop Singers II	MUSIC 2T**	2
MUS218, 219	Sightsinging and Ear Training III, IV	MUSIC 2T**	2 each
MUS220, 221	Music Theory III, IV	MUSIC 2T**	3 each
MUS227	Vocal Jazz Ensemble II	MUSIC 2T**	1
MUS245	Concert Band II	MUSIC 2T**	1
MUS332	Introduction to Music Technology	MUSIC 2T**	3
MUS334	Intrudction to Music Notation Software	MUSIC 2T**	1
MUS948	Special Projects	MUSIC 2T**	1-4
MUS949	Special Topics: Music	MUSIC 2T**	1-4
COMPUTER NETWORKING			
NET110-949	By Title	CAREER/TECH	

IOWA CENTRAL COMMUNITY COLLEGE COURSE NUMBER	COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
PHYSICAL EDUCATION ACTIVITIES			
PEA187	Weight Training I	KIN 166	1
PEA189	Weight Training 2	KIN 1T**	1
PEA195	Essentials Athletic Strength/Conditioning	KIN 1T**	3
PEA205	Tech & Theory of Prog Resistance Training I	KIN 2T**	1
PEA207	Tech of Prog. Resistance Training 2	KIN 2T**	1
COACHING OFFICIATING			
PEC107	Sports and Society	KIN 2T**	2
PEC110	Coaching Ethics, Techniques and Theory	KIN 107	1
PEC111	Techniques and Theory of Coaching	KIN 1T**	2
PEC115	Athletic Development and Human Growth	KIN 1T**	1
PEC121	Body Structure and Function	KIN 1T**	2
PEC123	Anatomy for Coaching	KIN 1T**	1
PEC127	Care and Prevention of Athletic Injuries	KIN 1T**	2
PEC152	Technique and Theory of Coaching Football	KIN 1T**	1
PEC158	Tech and Theory of Coaching Football 2	KIN 1T**	1
PEC170-177	Sports Officiating	KIN 1T**	1 each
PEH141	First Aid	H S 105	2
PEH175	Sports Psychology	KIN 2T**	2
PEH185	Contemporary Health Issues	H S 1T**	3
PEH948	Special Projects	KIN 2T**	1-4
PEH949	Special Topics	KIN 2T**	2
PHYSICAL EDUCATION TRAINING			
PET105	Basic Athletic Training	A TR 1T**	3
PET119	Intro to Biomechanics	KIN 1T**	3
PET141	Athletic Training Field Experience	A TR 1T**	3
INTERCOLLEGIATE PHYSICAL EDUCATION			
PEV101	Varsity Sports Conditioning	ATH 101	1
PEV102	Varsity Sports Conditioning 2	ATH 101	1
PEV105	Varsity Sports Participation	ATH 101	1
PEV106	Varsity Sports Participation 2	ATH 101	1
PEV156	Drill Team	DANCE 1T**	1
PEV190	Varsity Spirit Squad	KIN 1T**	1
PEV949	Dance Technique and Fundamentals	DANCE 2T**	1
PHILOSOPHY			
PHI101	Introduction to Philosophy	PHIL 201	3
PHI145	Introduction to Ethical Conflicts	PHIL 230	3
PHYSICAL SCIENCE			
PHS120	Exploring Physical Science	SCI 1T**	4
PHS125	Physical Science	SCI 1T**	4
PHOTOGRAPHY			
PHT106-948	By Title	CAREER/TECH	
PHYSICS			
PHY162	College Physics I	PHYS 111	4
PHY172	College Physics II	PHYS 112	4

IOWA CENTRAL COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	**COURSE TITLE**	**EQUIVALENT**	**CREDITS**

PHYSICS, continued
PHY183-184	Applied Physics	CAREER/TECH	
PHY212	Classical Physics I	PHYS 221	5
PHY222	Classical Physics II	PHYS 222	5
PHY948	Special Projects	PHYS 2T**	1
PHY949	Special Topics	PHYS 2T**	1

PRACTICAL NURSING
PNN121-811	By Title	CAREER/TECH	

POLITICAL SCIENCE
POL111	American National Government	POL S 215	3
POL112	American State and Local Government	POL S 2T**	3
POL121	International Relations	POL S 251	3
POL125	Comparative Government and Politics	POL S 1T**	3

PSYCHOLOGY
PSY111	Introduction to Psychology	PSYCH 101	3
PSY112	Psychology of Human Relations	PSYCH 1T**	3
PSY121	Developmental Psychology	PSYCH 230	3
PSY222	Child Psychology	PSYCH 2T**	3
PSY224	Adolescent Psychology	PSYCH 2T**	3
PSY241	Abnormal Psychology	PSYCH 2T**	3
PSY251	Social Psychology	PSYCH 280	3
PSY281	Educational Psychology	PSYCH 333	3
PSY949	Special Topics	PSYCH 2T**	2

RADIOLOGIC TECHNOLOGY
RAD122-946	By Title	CAREER/TECH	

READING
RDG010-048	By Title		No Credit

RECREATION & FACILITIES MANAGEMENT
REC120	Sports Facilities Management	A TR 1T**	3
REC130	Introduction to Recreation Administration	A TR 1T**	3
REC135	Sports Facilities Marketing	A TR 1T**	3
REC145	Outdoor Recreation	KIN 1T**	3
REC155	Recreational Activity Management	KIN 1T**	3
REC238	Field Experience in Sports Management	KIN 2T**	3
REC932	Internship	A TR 2T**	4

RELIGION
REL105	Introduction to Religion	RELIG 205	3

STUDENT DEVELOPMENT
SDV107	Health Science College Experience	XXX 1T**	1
SDV108	The College Experience	ORIEN 1T**	1
SDV112	Success Seminar	XXX 1T**	2
SDV116	Strategies for Online Academic Success	PSYCH 1T**	1
SDV118	The Online Experience	ORIEN 1T**	3
SDV166-168	Employee Relations I, II, III	CAREER/TECH	

IOWA CENTRAL COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	**COURSE TITLE**	**EQUIVALENT**	**CREDITS**

STUDENT DEVELOPMENT, continued

SDV195	Student Government	POL S 1T**	1
SDV230	Introduction to Honors	ORIEN 2T**	2
SDV231	Honors Capstone	ORIEN 2T**	2
SDV925	Honors Service Learning Project	ORIEN 2T**	1

SOCIAL MASS MEDIA

SMM 110-910	By Title	CAREER/TECH	

SOCIOLOGY

SOC110	Introduction to Sociology	SOC 134	3
SOC115	Social Problems	SOC 235	3
SOC120	Marriage and Family	SOC 219	3
SOC130	Introduction to Gerontology	SOC 2T**	3
SOC140	Human Behavior in the Social Environment	S SCI 1T**	3
SOC150	Introduction to Human Services	SOC 1T**	3
SOC200	Minority Group Relations	SOC 2T**	3
SOC949	Special Topics	S SCI 2T**	3

SPEECH

SPC101	Fundamentals of Oral Communication	SP CM 212	3
SPC112	Public Speaking	SP CM 212	3
SPC122	Interpersonal Communication	COMST 102	3
SPC132	Group Communication	COMST 1T**	3
SPC140	Oral Interpretation	THTRE 2T**	3

WELDING

WEL102-949	By Title	CAREER/TECH	

WORK BASED LEARNING

WBL100-309	By Title	CAREER/TECH	