## Course Equivalency Guide

between

10wa State University 515-294-5836 www.iastate.edu

and

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

Based on the Iowa Central Community College 2023-2024 General Catalog and the 2023-2024 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 applies 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 lowa 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 lowa 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.

IOWA CENTRAL (	COMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
ACCOUNTING			
ACCOUNTING	Dv Title	CAREED/TECH	
ACC 102-111	By Title	CAREER/TECH	2
ACC 142	Financial Accounting	ACCT 284	3 3
ACC 180	Managerial Accounting	ACCT 285	3
ACC 189	Introduction to Data Analytics for Accounting	CAREER/TECH	0 aaab
ACC 211, 212 ACC 221	Intermediate Accounting I, II	ACCT 2T**	3 each
ACC 221 ACC 266	Cost Accounting	ACCT 2T**	3 3
ACC 200 ACC 311	Tax Accounting Computer Accounting	ACCT 2T** ACCT 2T**	3
ACC 311 ACC 330-932	By Title	CAREER/TECH	3
ACC 330-932	by file	CAREEN/TECH	
ADMINISTRATIVE			
ADM 105-941	By Title	CAREER/TECH	
ASSOCIATE DEG	REE NURSING		
ADN 323-806	By Title	CAREER/TECH	
AGRICULTURE - A	ACPONOMY		
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 155	Fundamentals of Soil Science Lab	AGRON 102 AGRON 1T**	1
AGA 271	Advanced Corn and Soybean Production	AGRON 2T**	3
AGA 380	Integrated Pest Management/Lab	ENT 2T**	4
AGA 381	Crop Scouting	AGRON 1T**	3
AGA 390	Introduction to Renewable Resources	NREM 120	3
AGA 852	Principles of Crop Production	AGRON 181	3
AGA 880	Forage Crop Management	AGRON 2T**	3
ACDICIII TUDE I	FARM MANAGEMENT - BUSINESS		
AGB 133	Introduction to Agricultural Business	ECON 2T**	3
AGB 133 AGB 206, 207	Farm Operations and Management I, II	AGEDS 1T**	3 each
AGB 200, 207 AGB 235	Introduction to Agriculture Markets	ECON 235	3
AGB 330	Farm Business Management	ECON 230	3
AGB 336	Agriculture Sales	ECON 236	3
AGB 934	Practicum	ECON 330 ECON 2T**	3
AGB 934 AGB 927	Honors Study	ECON 2T**	1-3
AOD 921	Honors olday	LOONZI	1-0
	COMPREHENSIVE		
AGC 129-940	By Title	CAREER/TECH	
AGRICULTURE - I	<u>EQUINE</u>		
AGE 219	Equine Science	AN S 216	3
AGRICULTURE - I	HORTICULTURE		
AGH 112	Introduction to Turf Grass Management	HORT 1T**	3
AGH 120	Herbaceous Plant Materials	HORT 330	3
AGH 124	Woody Plants/Trees	HORT 240	3
AGH 141-148	By Title	CAREER/TECH	
AGH 152	Landscape Design Technology	HORT 281	3
AGH 156	Landscape Design II	HORT 2T**	3
AGH 161-172	By Title S	CAREER/TECH	
AGH 180	Turf Grass Facilities Management	HORT 1T**	2
AGH 211	Advanced Turf Grass Management	HORT 2T**	3
AGH 221	Principles of Horticulture	HORT 221	3

IOWA CENTRAL CO	DMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS	
AGRICUI TURE - H	ORTICULTURE, continued			
AGH 255	Applicator License Prep	HORT 1T**	1	
AGH 340	Turfgrass Professionalism	HORT 1T**	1	
AGH 350	Turfgrass Professionalism II	HORT 2T**	1	
AGH 805	Horticulture Internship I	CAREER/TECH	'	
AGITOUS	Horticulture internship i	CAREENTECH		
<b>AGRICULTURE - M</b>				
AGM 101	Ag Diesel Tractor/Equipment Maintenance	CAREER/TECH		
AGRICULTURE - PI	RECISION AG			
AGP 330-336	By Title	CAREER/TECH		
AGRICULTURE - AI	NIMAL SCIENCE			
AGS 113	Survey of the Animal Industry	AN S 114	3	
AGS 242	Animal Health	AN S 2T**	3	
AGS 308	Livestock Management Techniques	AN S 2T**	3	
AGS 319	Animal Nutrition	AN S 2T**		
AGS 401	Swine Production	AN S 225	3 3	
AGS 553	Beef Production	AN S 226	3	
ANTUROROU GOV				
ANT 405	Cultural Anthropology	ANTUD 204	2	
ANT 105	Cultural Anthropology	ANTHR 201	3	
ART				
ART 101	Art Appreciation	ART 1T**	3	
ART 115,116	Graphic Design I, II	ART 1T**	3 each	
ART 120	2-D Design	ART 1T**	3	
ART 123	3-D Design	ART 1T**	3	
ART 133,134	Drawing I, II	ART 1T**	3 each	
ART 143	Painting I	ART 1T**	3	
ART 163	Sculpture	ART 1T**	3	
ART 173,174	Ceramics I, II	ART 1T**	3 each	
ART 184	Photography	ART 1T**	3	
ART 187	Creative Photography	ART 1T**	3	
ART 191	Darkroom Photography	ART 1T**	1	
ART 203	Art History I	ART H 280	3	
ART 204	Art History II	ART H 281	3	
ART 927	Honors Study	ART 2T**	1-3	
ART 929	Individual Projects	ART 2T**	1-4	
ART 932	Internship	ART 2T**	1	
ART 949	Special Topics	ART 2T**	1-4	
AMERICAN SIGN L	ANGUAGE			
ASL 131	American Sign Language I	ASL 101	3	
ASL 161	American Sign Language II	ASL 102	3	
ASL 949	Special Topics	ASL 2T**	1-4	
AUTOMATION TEC	AUTOMATION TECH AND ROBOTICS			
ATR 253-270	By Title	CAREER/TECH		
AUTOMOTIVE TEC	HNOLOGY			
AUT 108-949	By Title	CAREER/TECH		
7.01 100-3 <del>1</del> 3	by Tide	OAKLEIVILOII		

IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
AVIATION			
AVIATION AVI 255	FAA Part 107 Remote Pilot	CAREER/TECH	
BUSINESS COMPUT		CAREED/TECH	
BCA 122-185	By Title	CAREER/TECH	2
BCA 212	Introduction to Computer Business Applications	COM S 2T**	3
BCA 251-284	By Title	CAREER/TECH	
<b>BIOLOGY</b>			
BIO 102	Introductory Biology	BIOL 101	3
BIO 103	Introductory Biology Lab	BIOL 1T**	1
BIO 105	Introductory Biology	BIOL 101	4
BIO 112*	General Biology I	BIOL 2T**	4
BIO 113*	General Biology II	BIOL 2T**	4
	O 112 and BIO 113 are both taken, the courses will t		
BIOL	. 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212	PL (1).	
BIO 151	Nutrition	FS HN 167	3
BIO 157	Human Biology	BIOL 155	4
BIO 163	Essentials of Anatomy and Physiology	BIOL 155	4
BIO 1681	Human Anatomy and Physiology I w/lab	BIOL 1T**	4
BIO 1731	Human Anatomy and Physiology II w/lab	BIOL 1T**	4
¹When BI	O 168 and BIO 173 are both taken, the courses will t	ransfer as	
BIOL	. 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256	SL (1).	
BIO 186	Microbiology	MICRO 201	3
	Microbiology Lab	MICRO 201L	1
BIO 927	Honors Study	BIOL 2T**	1-3
BIO 948	Special Projects	BIOL 2T**	1-4
BIO 949	Special Topics	BIOL 2T**	1-3
BIOPROCESS TECH	NOLOGY		
BPT 113-932	By Title	CAREER/TECH	
DI 1 110-552	by Title	OARLER TEOM	
BUSINESS BUS 402	Introduction to Business	DUCAD 4T**	2
BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 112-113	By Title	CAREER/TECH	2
BUS 114 BUS 121	Workplace Communications	COMM 1T**	3
	Business Communications	ENGL 2T**	3
BUS 130	Introduction to Entrepreneurship	BUSAD 1T**	3
BUS 135	Managing the Entrepreneurial Venture	MGMT 2T**	3
BUS 145	Financial Entrepreneurship	FIN 2T**	3
BUS 161	Human Relations Business Ethics	BUSAD 1T**	3
BUS 180		PHIL 1T**	3
BUS 185	Business Law II	ACCT 2T**	3 3
BUS 186	Business Law II	ACCT 2T**	3
BUS 210	Business Statistics	BUSAD 2T**	3
BUS 230	Quant Methods for Business Decision Making	MATH 150	3
BUS 241-256	By Title	CAREER/TECH	4.0
BUS 927	Honors Study	BUSAD 2T**	1-3
BUS 932	Internship	CAREER/TECH	2 3
BUS 949	Special Topics	BUSAD 2T**	3

IOWA CENTRAL CO	DMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
0014011750 41050	DD 457W0		
COMPUTER AIDED CAD 101-949		CAREED/TECH	
CAD 101-949	By Title	CAREER/TECH	
CHEMISTRY			
CHM 110	Introduction to Chemistry	CHEM 163	3
CHM 111	Introduction to Chemistry Lab	CHEM 163L	1
CHM 112	Introduction to Chemistry	CHEM 163	3
		CHEM 163L	1
CHM 130	Introduction to Organic and Biological Chemistry	CHEM 231	3
OUM 400	I to do the firm to Commit and I Birds at all Objects to	CHEM 231L	1
CHM 132	Introduction to Organic and Biological Chemistry	CHEM 231	4
CHM 165	General Chemistry I	CHEM 231L CHEM 177	1 3
CITIVI 103	General Chemistry I Lab	CHEM 177L	1
CHM 175	General Chemistry II	CHEM 177E	3
OTHER TYPE	General Chemistry II Lab	CHEM 178L	1
CHM 261	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 331L	1
CHM 271	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 332L	1
CHM 927	Chemistry Honors Study	CHEM 2T**	1-3
CHM 948	Special Projects	CHEM 2T**	1-4
CHM 949	Special Topics	CHEM 2T**	1-4
CHT 105	Applied Chemistry	CAREER/TECH	
COMPUTER PROGI	RAMMING		
CIS 129	By Title	CAREER/TECH	4
CIS 153	Data Structures	COM S 1T**	4
CIS 162*	C++	COM S 207	4
*When CIS 162	2 and MAT 180 are both taken, the courses will transfe	er as ENGR 160.	
CIS 172	Java	COM S 1T**	4
CIS 172 CIS 189-352	By Title	CAREER/TECH	4
CIS 604	Visual Basic	COM S 1T**	3
CIS 612	Advanced Visual Basic	COM S 1T**	3
CIS 927	Honors Study - Computer Programming	COM S 2T**	1-3
CULTURAL STUDIE		1 11 18 4 4 7 44	•
CLS 130	African Cultures	HUM 1T**	3
CLS 141 CLS 150	Middle Eastern History and Culture	HIST 1T** HIST 1T**	3 3
CLS 165	Latin American History and Culture Understanding Cultures: Japan	HUM 1T**	3
CLS 167	Understanding Cultures: China	HUM 1T**	3
CLS 170	Russian History and Culture	HUM 1T**	3
CLS 181	American Diversity	HUM 1T**	3
CLS 210	Cultures in Transition	HUM 2T**	3
CLS 927	Honors Independent Study	HUM 2T**	1-3
CLS 949	Special Topics in Cultural Studies	HUM 2T**	3
COMMUNICATION			
COMMONICATION COM 142	Mass Media Writing	JL MC 1T**	3
COM 148	Diversity and the Media	JL MC 1T**	3
COM 150	Mass Communications and Society	JL MC 101	3
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IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
COMMUNICATION,	continued		
COM 157	Newspaper Production	JL MC 1T**	1
COM 170	Crisis Media Management	P R IT**	3
COM 927	Honors Study	COMM 2T**	1-3
COM 947	Special Projects	COMM 2T**	1-3
COM 949	Special Topics	COMM 2T**	1-3
CONSTRUCTION			
CON 100-949	By Title	CAREER/TECH	
CRIMINAL JUSTICE			
CRJ 100	Introduction to Criminal Justice	C J 240	3
CRJ 110	Patrol Procedures	C J 1T**	3
CRJ 120	Introduction to Corrections	C J 1T**	3
CRJ 130	Criminal Law	C J 1T**	3
CRJ 132	Constitutional Law	C J 1T**	3
CRJ 133	Constitutional Criminal Procedure	C J 1T**	3 3
CRJ 141	Criminal Investigation	C J 1T**	3
CRJ 152	Defensive Tactics	C J 1T**	3
CRJ 160	Introduction to Forensic Investigation	C J 1T**	3
CRJ 170	Overview of Cybercrime	C J 1T**	3
CRJ 200	Criminology	C J 242	3 3 3
CRJ 201	Juvenile Delinquency	SOC 241	3
CRJ 206	Terrorism Response	C J 2T**	3
CRJ 260	Medicolegal Death Investigation	C J 2T**	3
CRJ 300	Perspectives of Homeland Security	C J 2T**	3
COLLISION REPAIR		CAREED/TECH	
CRR 104-949	By Title	CAREER/TECH	
COMPUTER SCIENCE			
CSC 040	Computer Fundamentals		No Credit
CSC 110	Introduction to Computers	COM S 103	3
CSC 116	Information Computing	COM S 113	3
CSC 125	Microsoft Fundamentals	CAREER/TECH	
CSC 160	Software Design & Development	COM S 1T**	4
DENTAL HYGIENE	D. T''	OADEED/TEOU	
DHY 114-303	By Title	CAREER/TECH	
FILM AND THEATRE			
DRA 101	Introduction to Theatre	THTRE 106	3
DRA 125	Introduction to Play Analysis	THTRE 1T**	3
DRA 130	Acting I	THTRE 251	3
DRA 132	Acting II	THTRE 1T**	3
DRA 162	Technical Theatre	THTRE 250	3
DRA 927	Honors Study	THTRE 2T**	1-3
DRA 929	Individual Project	THTRE 2T**	1-4
DIESEL			
DSL 120-949	By Title	CAREER/TECH	

IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
EARLY CHILDHOOD	PEDUCATION		
ECE 103-262	By Title	CAREER/TECH	
202 100 202	by Title	071112211712011	
<b>ECONOMICS</b>			
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3
<b>EDUCATION</b>			
EDU 115	Education and the Teaching Process	EDUC 1T**	4
EDU 213	Introduction to Education	EDUC 204	3
EDU 235	Children's Literature	HD FS 240	3
EDU 245	Exceptional Learner	SP ED 250	3
EDU 255	Technology in the Classroom	EDUC 201	3 2
EDU 920	Field Experience Honors Study	EDUC 2T**	∠ 1-3
EDU 927 EDU 949	Special Topics	EDUC 2T** EDUC 2T**	1-3 1
EDU 949	Special Topics	EDUC 21	ı
ENGINEERING TEC	HNOLOGY		
EGT 400-450	By Title	CAREER/TECH	
201 100 100	2, 1.00	0, 11 (221 () 12011	
ELECTRICAL TECH	NOLOGY		
ELE 104-949	By Title	CAREER/TECH	
<b>EMERGENCY MEDI</b>	CAL SERVICES		
EMS 113-825	By Title	CAREER/TECH	
ENGLISH COMPOSI			
ENG 025-096	By Title	ENOL 450	No Credit
ENG 105	Composition I Composition I: Library	ENGL 150	3
ENG 106	Composition II	LIB 160 ENGL 250	R 3
ENG 111	Technical Writing	ENGL 2T**	3
ENG 221	Creative Writing	ENGL 207	3
ENG 927	Honors Study	ENGL 2T**	1-3
ENG 949	Special Topics	ENGL 2T**	1-4
	Special replace		
<b>ENVIRONMENTAL S</b>	SCIENCE .		
ENV 111	Environmental Science	ENV S 173	4
<b>NON-INTENSIVE ES</b>			
ESL 265, 266*	English as a Second Language I, II	ENGL 101	4 each
*Trar	nsfer credit in ENGL 101 does not count toward gradu	ation.	
FINANCE			
FINANCE	D. T.H.	OADEED/TECH	
FIN 101-180	By Title	CAREER/TECH	
FIRE SCIENCE			
FIR 124-400	By Title	CAREER/TECH	
1 111 127-700	Dy Tiuo	OMILLIVILOII	
FOREIGN LANGUAG	GE - SPANISH		
FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 241	Intermediate Spanish I	SPAN 201	4

IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
EODEIGN I ANGUAO	E SPANISH continued		
FLS 242	<u>GE - SPANISH, continued</u> Intermediate Spanish II	SPAN 202	4
FLS 948	Special Projects	WLC 2T**	1-4
FLS 949	Special Topics	WLC 2T**	1-4
1 LO 949	Special Topics	WLG 21	1-4
<b>GEOGRAPHY</b>			
GEO 121	World Regional Geography	S SCI 1T**	3
GEO 927	Honors Study	S SCI 2T**	1-3
GRAPHIC COMMUN	ICATIONS		
GRA 102-949	By Title	CAREER/TECH	
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<b>HEALTH CARE ADM</b>			
HCA 151-161	By Title	CAREER/TECH	
HOSPITALITY, CULI	NARY ARTS AND MANAGEMENT		
HCM 108-949	By Title	CAREER/TECH	
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HEATING AND AIR C			
HCR 102-932	By Title	CAREER/TECH	
<u>HISTORY</u>			
HIS 110	Western Civilization: Ancient to Early Modern	HIST 201	3
HIS 111	Western Civilization: Early Modern to Present	HIST 202	3
HIS 151	U.S. History to 1877	HIST 221	
HIS 152	U.S. History Since 1877	HIST 222	3 3 3
HIS 211	Modern Asian History	HIST 2T**	3
HIS 251	US History 1945 to Present	HIST 2T**	3
HIS 927	Honors Study	HIST 2T**	1-3
HEALTH SCIENCES	D. Till-	OADEED/TECH	
HSC 104-970	By Title	CAREER/TECH	
<b>HUMAN SERVICES</b>			
HSV 135	Gender Studies	S SCI 1T**	3
HSV 162	Introduction Human Disabilities and Services	S SCI 1T**	3
HSV 180	Ethics for Human Services Professionals	S SCI 1T**	1
HSV 220	Introduction to Counseling Theories	S SCI 2T**	3
HSV 229	Group Facilitation Techniques	S SCI 2T**	3
HSV 255	Addictive Disease Concepts	S SCI 2T**	3
HSV 269	Victim Advocacy	S SCI 2T**	1
HSV 276	Social Justice and Advocacy	S SCI 2T**	3
HSV 285	Case Management: Intake to Discharge	S SCI 2T**	3
HSV 850	Human Services Field Experience I	S SCI 2T**	2
HSV 854, 855	Human Services Field Experience IA, IB	S SCI 2T**	1 each
HSV 927	Honors Study	S SCI 2T**	1-3
HSV 928	Independent Studies	S SCI 2T**	1-3
HSV 949	Special Topics	S SCI 2T**	1-3
<u>HUMANITIES</u>			
HUM 113	Exploring the Humanities	HUM 1T**	3
HUM 182	Digital App - Music, Art, Theatre	XXX 1T**	3
HUM 185	Technology and Social Change	T SC 1T**	3
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IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
INDUSTRIAL TESTIN	IOL OOY		
IND 109 040		CAREED/TECH	
IND 108-949	By Title	CAREER/TECH	
<u>JOURNALISM</u>			
JOU 121	News Writing and Reporting	JL MC 2T**	3
JOU 200	AP Style Editing	JL MC 2T**	3
JOU 210	Media Law and Ethics	JL MC 2T**	3
JOU 927	Honors Study	JL MC 2T**	1-3
JOU 941	Practicum	JL MC 2T**	1
LITEDATUDE			
<u>LITERATURE</u> LIT 101	Introduction to Literature	ENGL 201	3
LIT 1101	American Literature to Mid 1800's	ENGL 227	3
LIT 110	American Literature Since Mid 1800's	ENGL 228	3
LIT 130	African American Literature	AF AM 201	3
LIT 133	Minority Voices in U.S. Literature	ENGL 1T**	3
LIT 140	British Literature I	ENGL 225	3
LIT 140	British Literature II	ENGL 226	3
LIT 927	Honors Study	ENGL 2T**	1-3
LII 921	Tionors Study	LINGL 21	1-5
MEDICAL ASSISTAN			
MAP 115-610	By Title	CAREER/TECH	
<b>MATHEMATICS</b>			
MAT 023-088	By Title		No Credit
MAT 102*	Intermediate Algebra	MATH 100Z	4
*Trans	sfer credit in MATH 100Z does not count toward gradu	uation.	
MAT 111	Math for Liberal Arts	MATH 105	4
MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 120	College Algebra	MATH 140	3
MAT 127	College Algebra and Trigonometry	MATH 143	5
MAT 130	Trigonometry	MATH 1T**	3
MAT 140	Finite Mathematics	MATH 150	3
MAT 150	Discrete Math	MATH 1T**	3
MAT 157	Statistics	STAT 101	4
MAT 158	Statistics II	STAT 1T**	3
MAT 162	Business Statistics	STAT 226	4
MAT 165	Business Calculus	MATH 151	3
MAT 180 <sup>1</sup>	Engineering Problems	ENGR 1T**	2
<sup>1</sup> When MAT 180	and CIS 162 are both taken, the courses will transfer	r as ENGR 160.	
MAT 210	Calculus I	MATH 165	4
MAT 216	Calculus II	MATH 166	4
MAT 219	Calculus III	MATH 265	4
MAT 267	Elem Differential Equations w/Laplace Transforms	MATH 267	4
MAT 743-749	Technical Math I, II, III	CAREER/TECH	•
MAT 927	Honors Study	MATH 2T**	1-4
MAT 948	Special Projects	MATH 2T**	1-4
MAT 949	Special Topics	MATH 2T**	1-4
MANUEACTURING			
MANUFACTURING MFG 238-949	By Title	CAREER/TECH	
3 233 0 10	-, ····-	0	

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IOWA CENTRAL CO	OMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
MANAGEMENT			
MGT 101	Principles of Management	MGMT 2T**	3
MGT 260-280	By Title	CAREER/TECH	3
WO1 200-200	by file	OAKEEK TEOM	
<b>MARKETING</b>			
MKT 110	Principles of Marketing	MKT 2T**	3
MKT 131	Social Media Marketing	MKT 2T**	3
MKT 136	Intro to Selling	MKT 2T**	3
MKT 145	Sales Management	MKT 2T**	3
MKT 153	Advertising and Promotion	ADVRT 1T**	3
MEDICAL LABORA	TORY TECHNOLOGY		
MLT 111-298	By Title	CAREER/TECH	
MASS MEDIA STU	NEC		
MASS MEDIA STUD MMS 101	Mass Media	JL MC 101	3
MMS 137-204		CAREER/TECH	3
MMS 241	By Title Public Relations and Marketing	P R 220	3
IVIIVIO 24 I	Public Nelations and Marketing	F N 220	3
MEDICAL TRANSC			
MTR 120-941	By Title	CAREER/TECH	
APPLIED MUSIC			
MUA 101	Applied Voice II	MUSIC 1T**	1
MUA 102	Applied Voice II	MUSIC 1T**	1
MUA 119	Class Piano	MUSIC 1T**	1
MUA 120	Applied Piano	MUSIC 1T**	1
MUA 122	Applied Organ	MUSIC 1T**	1
MUA 124	Applied Guitar	MUSIC 1T**	1
MUA 126	Applied Strings	MUSIC 1T**	1
MUA 143	Applied Brass	MUSIC 1T**	1
MUA 170	Applied Woodwinds	MUSIC 1T**	1
MUA 180	Applied Percussion	MUSIC 1T**	1
MUA 220	Applied Piano II	MUSIC 2T**	1
GENERAL MUSIC			
MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 101	3
MUS 118, 119	Sightsinging and Ear Training I, II	MUSIC 1T**	2 each
MUS 120	Music Theory I	MUSIC 1T**	3
MUS 121	Music Theory II	MUSIC 224	4
MUS 135	Music Theory Lab I	MUSIC 1T**	1
MUS 136	Music Theory Lab II	MUSIC !T**	1
MUS 140	Concert Choir	MUSIC 1T**	1
MUS 141	Concert Choir II	MUSIC 1T**	1
MUS 145	Concert Band II	MUSIC 1T**	1
MUS 149	Pep Band	MUSIC 1T**	1
MUS 152	Vocal Ensemble	MUSIC 1T**	1
MUS 157	Vocal Jazz Ensemble	MUSIC 1T**	1
MUS 164	Pop Singers	MUSIC 1T**	2
MUS 167	Marching Band/Pep Band	MUSIC 1T**	1
MUS 170	Jazz Band	MUSIC 1T**	1
MUS 171	Jazz Band II	MUSIC 1T**	1

MUSIC 176	IOWA CENTRAL CO	OMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
MUS 176         Brass Ensemble         MUSIC 1T**         1           MUS 210         Pop Singers II         MUSIC 2T**         2           MUS 210         Pop Singers II         MUSIC 2T**         2 each           MUS 218, 219         Sightsinging and Ear Training III, IV         MUSIC 2T**         2 each           MUS 220, 221         Music Theory Lab III         MUSIC 2T**         1           MUS 235         Music Theory Lab III         MUSIC 2T**         1           MUS 236         Music Theory Lab III         MUSIC 2T**         1           MUS 236         Music Theory Lab IV         MUSIC 2T**         1           MUS 236         Music Theory Lab IV         MUSIC 2T**         1           MUS 236         Intruduction to Music Technology         MUSIC 2T**         1           MUS 236         Intruduction to Music Technology         MUSIC 2T**         1           MUS 332         Intruduction to Music Technology         MUSIC 2T**         1           MUS 948         Special Projects         MUSIC 2T**         1           MUS 949         Special Topics: Music         CAREERTECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1	OENEDAL MUSIC	a anti-mand		
MUSIC 1T**   1			MUCIO 4T**	4
MUS 210				
MUS 218, 219   Sightsinging and Ear Training III, IV   MUSIC 2T**   3 each   MUS 220, 221   Music Theory III, IV   MUSIC 2T**   3 each   MUSIC 2T**   3 each   MUSIC 2T**   1   MUSIC 257   Vocal Jazz Ensemble II   MUSIC 2T**   1   MUSIC 258   Music Theory Lab III   MUSIC 2T**   1   MUSIC 256   Music Theory Lab III   MUSIC 2T**   1   MUSIC 256   Music Theory Lab IV   MUSIC 2T**   1   MUSIC 256   Music Theory Lab IV   MUSIC 2T**   1   MUSIC 257   MUSI				
MUS 220, 221         Music Theory III, IV         MUSIC 2T**         3 each           MUS 237         Vocal Jazz Ensemble II         MUSIC 2T**         1           MUS 235         Music Theory Lab IV         MUSIC 2T**         1           MUS 245         Concert Band II         MUSIC 2T**         1           MUS 245         Concert Band II         MUSIC 2T**         1           MUS 332         Introduction to Music Technology         MUSIC 2T**         3           MUS 334         Intrudction to Music Notation Software         MUSIC 2T**         1-3           MUS 947         Honors Study         MUSIC 2T**         1-3           MUS 948         Special Projects         MUSIC 2T**         1-4           MUS 949         Special Projects Music         MUSIC 2T**         1-4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Essentials Athletic Strength/Conditioning         KIN 17**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 17**         1           PEA 205         Tech & Theo		·		
MUS 227         Vocal Jazz Énsemble II         MUSIC 27**         1           MUS 236         Music Theory Lab IV         MUSIC 27**         1           MUS 236         Music Theory Lab IV         MUSIC 27**         1           MUS 332         Introduction to Music Technology         MUSIC 27**         3           MUS 334         Introduction to Music Notation Software         MUSIC 27**         1           MUS 927         Honors Study         MUSIC 27**         1           MUS 948         Special Projects         MUSIC 27**         1-4           MUS 949         Special Topics: Music         MUSIC 27**         1-4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 189         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 27**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 27**         2           COACHIN				
MUS 235         Music Theory Lab II         MUSIC 27**         1           MUS 236         Music Theory Lab IV         MUSIC 27**         1           MUS 245         Concert Band II         MUSIC 27**         3           MUS 332         Introduction to Music Notation Software         MUSIC 27**         3           MUS 334         Intrudction to Music Notation Software         MUSIC 27**         1-3           MUS 948         Special Projects         MUSIC 27**         1-4           MUS 949         Special Topics: Music         MUSIC 27**         1-4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 189         Essentials Athletic Strength/Conditioning         KIN 17**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 27**         1           PEC 107         Sports and Society         KIN 27**         2           PEC 101         Coaching Ethics, Techniques, and Theory         KIN 107         1 <td< td=""><td></td><td></td><td></td><td></td></td<>				
MUS 236         Music Theory Lab IV         MUSIC 2T**         1           MUS 245         Concert Band II         MUSIC 2T**         1           MUS 332         Introduction to Music Notation Software         MUSIC 2T**         1           MUS 937         Honors Study         MUSIC 2T**         1           MUS 948         Special Projects         MUSIC 2T**         1.4           MUS 949         Special Topics: Music         MUSIC 2T**         1.4           MUS 949         By Title         CAREER/TECH           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           CEC 107         Sports and Theory of Coaching         KIN 107**         1				
MUSI   245   Concert Band II   MUSI   2T**   1   MUSI   332   Introduction to Music Technology   MUSI   2T**   1   1   MUSI   334   Intruduction to Music Notation Software   MUSIC   2T**   1   1   MUSI   2T**   2   MUSI   2T**		<del>-</del>		
MUS 332				
MUS 334         Intrudction to Music Notation Software         MUSIC 2T**         1           MUS 927         Honors Study         MUSIC 2T**         1-4           MUS 948         Special Projects         MUSIC 2T**         1-4           MUS 949         Special Topics: Music         MUSIC 2T**         1-4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 1T**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 111         Tech of Prog. Resistance Training 2         KIN 2T**         2           PEC 117         Sports and Society         KIN 2T**         2           PEC 117         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 117         Coaching				
MUS 927         Honors Study         MUSIC 2T**         1.3           MUS 948         Special Projects         MUSIC 2T**         1.4           MUS 949         Special Topics: Music         MUSIC 2T**         1.4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 2T**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 2T**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           COACHING OFFICIATING         KIN 17**         2           PEC 107         Sports and Society         KIN 17**         2           COACHING OFFICIATING         KIN 17**         2           PEC 107         Sports Athletic Developme				
MUS 948   Special Projects   MUSIC 2T**   1-4				
MUS 949         Special Topics: Music         MUSIC 2T**         1-4           COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 15**         1           PEA 189         Weight Training 2         KIN 15**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 17**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 2T**         1           PEA 205         Tech of Prog. Resistance Training 2         KIN 2T**         1           PEA 205         Tech of Prog Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           COACHING OFFICIATION         KIN 2T**         2           PEC 111         Technique an		· · · · · · · · · · · · · · · · · · ·		
COMPUTER NETWORKING           NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 1T**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         3           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 2T**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 107         Sports and Society         KIN 107         1           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 107         1           PEC 110         Coaching Ethics, Techniques, and Theory of Coaching KIN 11**         1         2           PEC 110         Athletic Development and Homan Growth         KIN 107         1         1           PEC 110         Athletic Development and Human Growth		·		
NET 110-949         By Title         CAREER/TECH           PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training 1         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 27**         1           PEA 205         Tech & Theory of Prog Resistance Training 1         KIN 27**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 27**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 10**         1           PEC 111         Techniques and Theory of Coaching         KIN 11***         2           PEC 115         Athletic Development and Human Growth         KIN 11***         1           PEC 121         Body Structure and Function         KIN 11***         1           PEC 122         Anatomy for Coaching         KIN 11***         1           PEC 123         Anatomy for Coaching         KIN 11***         1           PEC 126         Technique and Theory of Coaching Football         KIN 11***         1           PEC 152         Technique and Theory of Coaching Football         KIN 11*** </td <td></td> <td></td> <td></td> <td></td>				
PHYSICAL EDUCATION ACTIVITIES           PEA 187         Weight Training I         KIN 166         1           PEA 189         Weight Training 2         KIN 1T**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         3           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         1           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 123         Anatomy for Coaching Football         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1 <td>•</td> <td></td> <td>CADEED/TECH</td> <td></td>	•		CADEED/TECH	
PEA 187         Weight Training I         KIN 166         1           PEA 189         Weight Training 2         KIN 17**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 17**         3           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 27**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 27**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 27**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 17**         2           PEC 115         Athletic Development and Human Growth         KIN 17**         1           PEC 121         Body Structure and Function         KIN 17**         1           PEC 122         Body Structure and Function         KIN 17**         1           PEC 123         Anatomy for Coaching         KIN 17**         1           PEC 126         Technique and Theory of Coaching Football         KIN 17**         1           PEC 152         Technique and Theory of Coaching Football         KIN 17**         1           PEC 105         <	NET 110-949	By Title	CAREER/TECH	
PEA 189         Weight Training 2         KIN 1T**         1           PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         3           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 2T**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 111         Techniques and Theory of Coaching         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         1           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Techn				
PEA 195         Essentials Athletic Strength/Conditioning         KIN 1T**         3           PEA 205         Tech & Theory of Prog Resistance Training I         KIN 2T**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         1           PEC 122         Anatomy for Coaching         KIN 1T**         1           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 126         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1				
PEA 205         Tech & Theory of Prog Resistance Training I         KIN 2T**         1           PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         2           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 1475         Sports Psychology         KIN 2T**         2           PEH 185         Contempora				
PEA 207         Tech of Prog. Resistance Training 2         KIN 2T**         1           COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 123         Anatomy for Coaching         KIN 1T**         2           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues				
COACHING OFFICIATING           PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 10**         2           PEH 948         Special Topics         KIN 2T**         1-4           PEH 949         Special Topics         KIN 1T**				
PEC 107         Sports and Society         KIN 2T**         2           PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         1           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PET 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 10**         KIN 2T**         2 </td <td>PEA 207</td> <td>Tech of Prog. Resistance Training 2</td> <td>KIN 2T**</td> <td>1</td>	PEA 207	Tech of Prog. Resistance Training 2	KIN 2T**	1
PEC 110         Coaching Ethics, Techniques, and Theory         KIN 107         1           PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 2T**         1           PEH 141         First Aid         H S 105         2           PEH 145         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 11**         3           PEH 948         Special Topics         KIN 2T**         2				
PEC 111         Techniques and Theory of Coaching         KIN 1T**         2           PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         2           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 141         First Aid         H S 105         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training Field Experience         A TR 1T**		•		
PEC 115         Athletic Development and Human Growth         KIN 1T**         1           PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         1           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 1475         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING         **         **           PET 105         Basic Athletic Training Field Experience         A TR 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATIO				
PEC 121         Body Structure and Function         KIN 1T**         2           PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         2           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football II         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1 each           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION           PEV 1		•		
PEC 123         Anatomy for Coaching         KIN 1T**         1           PEC 127         Care and Prevention of Athletic Injuries         KIN 1T**         2           PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football II         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1           PEH 141         First Aid         H S 105         2           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PHYSICAL EDUCATION           PEY 101         Varsity Sports Condit				
PEC 127 Care and Prevention of Athletic Injuries KIN 1T** 2 PEC 152 Technique and Theory of Coaching Football KIN 1T** 1 PEC 158 Technique and Theory of Coaching Football II KIN 1T** 1 PEC 170-177 Sports Officiating KIN 1T** 1 each PEH 141 First Aid HS 105 2 PEH 175 Sports Psychology KIN 2T** 2 PEH 185 Contemporary Health Issues HS 1T** 3 PEH 948 Special Projects KIN 2T** 1-4 PEH 949 Special Topics KIN 2T** 2  PHYSICAL EDUCATION TRAINING PET 105 Basic Athletic Training A TR 220 3 PET 119 Intro to Biomechanics KIN 1T** 3 PET 141 Athletic Training Field Experience A TR 1T** 3  INTERCOLLEGIATE PHYSICAL EDUCATION PEV 101 Varsity Sports Conditioning A TH 101 1 PEV 102 Varsity Sports Conditioning 2 ATH 101 1 PEV 105 Varsity Sports Participation ATH 101 1		•		
PEC 152         Technique and Theory of Coaching Football         KIN 1T**         1           PEC 158         Technique and Theory of Coaching Football II         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1 each           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING         TR 105         Basic Athletic Training         A TR 220         3           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION         PEV 101         Varsity Sports Conditioning         ATH 101         1           PEV 102         Varsity Sports Conditioning 2         ATH 101         1           PEV 105         Varsity Sports Participation         ATH 101		,		
PEC 158         Technique and Theory of Coaching Football II         KIN 1T**         1           PEC 170-177         Sports Officiating         KIN 1T**         1 each           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING         Special Topics         XIN 1T**         3           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION         PEV 101         Varsity Sports Conditioning         ATH 101         1           PEV 102         Varsity Sports Conditioning 2         ATH 101         1           PEV 105         Varsity Sports Participation         ATH 101         1				2
PEC 170-177         Sports Officiating         KIN 1T**         1 each           PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION         PEV 101         Varsity Sports Conditioning         ATH 101         1           PEV 102         Varsity Sports Conditioning 2         ATH 101         1           PEV 105         Varsity Sports Participation         ATH 101         1		•		
PEH 141         First Aid         H S 105         2           PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION         PEV 101         Varsity Sports Conditioning         ATH 101         1           PEV 102         Varsity Sports Conditioning 2         ATH 101         1           PEV 105         Varsity Sports Participation         ATH 101         1		•		
PEH 175         Sports Psychology         KIN 2T**         2           PEH 185         Contemporary Health Issues         H S 1T**         3           PEH 948         Special Projects         KIN 2T**         1-4           PEH 949         Special Topics         KIN 2T**         2           PHYSICAL EDUCATION TRAINING           PET 105         Basic Athletic Training         A TR 220         3           PET 119         Intro to Biomechanics         KIN 1T**         3           PET 141         Athletic Training Field Experience         A TR 1T**         3           INTERCOLLEGIATE PHYSICAL EDUCATION           PEV 101         Varsity Sports Conditioning         ATH 101         1           PEV 102         Varsity Sports Conditioning 2         ATH 101         1           PEV 105         Varsity Sports Participation         ATH 101         1		•		
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PEV 106 Varsity Sports Participation 2 ATH 101 1		Varsity Sports Participation	ATH 101	1
	PEV 106	Varsity Sports Participation 2	ATH 101	1

IOWA CENTRAL CO	MMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
INTERCOLL EGIATE	PHYSICAL EDUCATION, continued		
PEV 156	Drill Team	DANCE 1T**	1
PEV 190	Varsity Spirit Squad	KIN 1T**	1
PEV 949	Dance Technique and Fundamentals	DANCE 2T**	1
D.W. 666DIN/			
PHILOSOPHY PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 145	Introduction to Ethical Conflicts	PHIL 230	3
PHI 927	Honors Study	PHIL 2T**	1-3
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PHYSICAL SCIENCE		COL 4T**	4
PHS 120 PHS 125	Exploring Physical Science Physical Science	SCI 1T** SCI 1T**	4 4
F113 123	Filysical Science	30111	4
<b>PHOTOGRAPHY</b>			
PHT 106-948	By Title	CAREER/TECH	
PHYSICS			
PHY 162	College Physics I	PHYS 131	3
	Schoge i hydica i	PHYS 131L	1
PHY 172	College Physics II	PHYS 132	3
		PHYS 132L	1
PHY 183-184	Applied Physics	CAREER/TECH	
PHY 212	Classical Physics I	PHYS 231	4
PHY 222	Classical Physics II	PHYS 231L PHYS 232	1
PH1 222	Classical Physics II	PHYS 232L	4 1
PHY 927	Honors Study	PHYS 2T**	1-4
PHY 948	Special Projects	PHYS 2T**	1-4
PHY 949	Special Topics	PHYS 2T**	1-3
DDACTICAL MUDGIA	IC.		
PRACTICAL NURSIN	By Title	CAREER/TECH	
11414 121-011	by file	OARLERITEON	
POLITICAL SCIENCE	<u> </u>		
POL 111	American National Government	POL S 111	3
POL 112	American State and Local Government	POL S 2T**	3
POL 121 POL 125	International Relations Comparative Government and Politics	POL S 121 POL S 125	3 3
POL 123 POL 927	Honors Study	POL S 125	1-3
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<u>PSYCHOLOGY</u>			
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 112	Psychology of Human Relations	PSYCH 1T**	3
PSY 121 PSY 222	Developmental Psychology	PSYCH 230 PSYCH 2T**	3
PSY 224	Child Psychology Adolescent Psychology	PSYCH 2T**	3 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 927	Honors Project	PSYCH 2T**	1-3
PSY 949	Special Topics	PSYCH 2T**	2

<b>IOWA CENTRAL CO</b>	DMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
RADIOLOGIC TECH	<u>INOLOGY</u>		
RAD 122-946	By Title	CAREER/TECH	
READING			
RDG 010-048	By Title		No Credit
	CILITIES MANAGEMENT	A TD 4T##	
REC 120	Sports Facilities Management	A TR 1T**	3
REC 130	Introduction to Recreation Administration	A TR 1T**	3
REC 135	Sports Facilities Marketing	A TR 1T**	3
REC 145	Outdoor Recreation	KIN 1T**	3
REC 155	Recreational Activity Management	KIN 1T**	3
REC 238	Field Experience in Sports Management	KIN 2T**	3
REC 932	Internship	A TR 2T**	4
RELIGION			
REL 105	Introduction to Religion	RELIG 205	3
REL 927	Honors Study	RELIG 2T**	1-3
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STUDENT DEVELO	PMENT		
SDV 107	Health Science College Experience	XXX 1T**	1
SDV 108	The College Experience	ORIEN 1T**	1
SDV 112	Success Seminar	XXX 1T**	2
SDV 116	Strategies for Online Academic Success	PSYCH 1T**	1
SDV 118	The Online Experience	ORIEN 1T**	3
SDV 166-168	Employee Relations I, II, III	CAREER/TECH	
SDV 195	Student Government	POL S 1T**	1
SDV 230	Introduction to Honors	ORIEN 2T**	2
SDV 231	Honors Capstone	ORIEN 2T**	2
SDV 925	Honors Service Learning Project	ORIEN 2T**	1
COCIAL MACC MET	NA.		
SOCIAL MASS MED SMM 110-910	By Title	CAREER/TECH	
SIVIIVI 110-910	by fille	CAREENTECH	
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 130	Introduction to Gerontology	SOC 2T**	3
SOC 140	Human Behavior in the Social Environment	S SCI 1T**	3
SOC 150	Introduction to Human Services	SOC 1T**	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 927	Honors Study	SOC 2T**	1-3
SOC 949	Special Topics	SOC 2T**	1-4
<u>SPEECH</u>			
SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 112	Public Speaking	SP CM 212	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 132	Group Communication	COMST 1T**	3
SPC 140	Oral Interpretation	THTRE 2T**	3
SPC 927	Honors Study	SP CM 2T**	1-3

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**WELDING** 

WEL 102-949 By Title CAREER/TECH

**WORK BASED LEARNING** 

WBL 100-309 By Title CAREER/TECH