Course Equivalency Guide

between

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

and

Iowa Lakes Community College www.iowalakes.edu

Estherville 800 242-5106

Emmetsburg 800 242-5108

Based on the Iowa Lakes 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 lowa 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 lowa 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 LAKES COMMUNI		IOWA STATE	0050170
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
ACCOUNTING			
ACCOUNTING ACC 111	Intro to Accounting	ACCT 1T**	2
ACC 111	•		3
ACC 131 ACC 132	Principles of Accounting I	ACCT 284	4
ACC 132 ACC 161	Principles of Accounting II	ACCT 4T**	4
ACC 161 ACC 221	Payroll Accounting	ACCT 2T**	3
	Cost Accounting	ACCT 2T**	3
ACC 231	Intermediate Accounting I	ACCT 2T**	4
ACC 232	Intermediate Accounting II	ACCT 2T**	4
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 310	Computer Accounting	ACCT 1T**	2
ACC 311	Computer Accounting	ACCT 1T**	3
ACC 702-941	By Title	CAREER/TECH	
ADMINISTRATIVE ASSIS	STANT		
ADM 116-941	By Title	CAREER/TECH	
ADM 110-941	by fille	CANLLIN/ILCII	
ASSOCIATE DEGREE N	URSING		
ADN 111-415	By Title	CAREER/TECH	
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AGRICULTURE - AGRON	NOMY		
AGA 114	Principles of Agronomy	AGRON 181	3
AGA 131	Plant Physiology	CAREER/TECH	
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 218	Grain Harvest Handling Drying Equipment	CAREER/TECH	
AGA 284	Pesticide Application Certification	ENT 2T**	3
AGA 287	Commercial Pesticide AP Certification	ENT 283	3
AGA 352	Soil Science & Fertilizer	AGRON 2T**	2
AGA 353	Advanced Soil Fertility	AGRON 2T**	2
AGA 374-840	By Title	CAREER/TECH	
AGRICULTURE - FARM			
AGB 194	Beginning Sales	CAREER/TECH	
AGB 210	Agricultural Law	ECON 2T**	2
AGB 281-327	By Title	CAREER/TECH	
AGB 436	Grain Merchandising	ECON 1T**	2
AGB 437	Commodity Marketing	ECON 1T**	3
AGB 439-466	By Title	CAREER/TECH	
AGRICULTURE - COMPI			
AGC 100-939	By Title	CAREER/TECH	
ACDICULTURE MECLI	ANICO		
AGRICULTURE - MECHA		OADEED/TEOU	
AGM 102-851	By Title	CAREER/TECH	
AGRICULTURE - PRECIS	SION AG		
AGP 242		CAREER/TECH	
AGP 329	Precision Ag Applications Intro to GPS	TSM 2T**	3
AUI UZU		I OIVI Z I	J
AGRICULTURE - ANIMA	L SCIENCE		
AGS 113	Survey of the Animal Industry	AN S 114	3
AGS 240	Animal Health	AN S 2T**	2
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IOWA LAKES COMMUNI		IOWA STATE	0055:50
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
AGRICULTURE - ANIMAI	SCIENCE continued		
AGS 242	Animal Health	AN S 2T**	3
AGS 242 AGS 319	Animal Nealth Animal Nutrition	AN S 2T**	3
AGS 350-529	By Title	CAREER/TECH	3
*AGS 556	Introduction to Beef Cow Production	AN S 2T**	2
*AGS 550	Farm Enterprise Experience/Cow-Calf	AN S 2T**	1
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When AGS 556 ar	nd AGS 563 are both taken, 3 credits of AN S 226 will be	giveri.	
AGS 557-558	By Title	CAREER/TECH	
AGS 559	Beef Feedlot Production	AN S 2T**	2
AGS 561-566	By Title	CAREER/TECH	_
	2,	o,	
AGRICULTURE - VET TE	<u>СН</u>		
AGV 103-932	By Title	CAREER/TECH	
<u>ANTHROPOLOGY</u>			
ANT 105	Cultural Anthropology	ANTHR 201	3
ART			_
ART 101	Art Appreciation	ART 1T**	3
ART 121	2-D Design	ART 1T**	4
ART 124	Computer Art	ART 1T**	3
ART 127	Digital Illustration	ART 1T**	3
ART 133	Drawing	ART 1T**	3
ART 134	Drawing II	ART 1T**	3
ART 143	Painting	ART 1T**	3
ART 144	Painting II	ART 1T**	3
ART 173	Ceramics	ART 1T**	3
ART 174	Ceramics II	ART 1T**	3
ART 286	Photography: Portraiture	ART 2T**	3
AUTOMATION TECH & R			
ATR 105-253	By Title	CAREER/TECH	
ALITOMOTIVE TECHNICI	ocy		
AUT 104-890	By Title	CAREER/TECH	
A01 104-090	by fine	CARLLIN/TECH	
<u>AVIATION</u>			
AVI 129-941	By Title	CAREER/TECH	
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BUSINESS COMPUTER	APPLICATIONS		
BCA 134-185	By Title	CAREER/TECH	
BCA 212	Intro to Computer Business Applications	COM S 103	3
BCA 218	Advanced Microsoft Office Applications	COM S 2T**	3
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BIOLOGY			
BIO 105	Introductory Biology	BIOL 101	4
*BIO 112	General Biology I	BIOL 2T**	4
*BIO 113	General Biology II	BIOL 2T**	4
	BIO 113 are both taken, the courses will transfer as		
BIOL 211 (3), BIOL	211L (1), BIOL 212 (3), and BIOL 212L (1).		
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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
BIOLOGY, continued			
BIO 141	Ecology and Environmental Concepts	BIOL 1T**	4
BIO 151	Nutrition	FS HN 167	3
BIO 163	Essentials of Anatomy and Physiology	BIOL 155	4
*BIO 168	Human Anatomy and Physiology I	BIOL 1T**	4
*BIO 173	Human Anatomy and Physiology II	BIOL 1T**	4
	BIO 173 are both taken, the courses will transfer as	2.02	•
	255L (1), BIOL 256 (3), and BIOL 256L (1).		
DIO 400	Missakislam	MICDO 004	0
BIO 186	Microbiology	MICRO 201	3
DIO 200	Microbiology Lab	MICRO 201L	1
BIO 300	Field Biology and Laboratory	BIOL 2T**	4
BUSINESS			
BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 106-126	By Title	CAREER/TECH	
BUS 130	Introduction to Entrepreneurship	BUSAD 1T**	3
BUS 150	E-Commerce	CAREER/TECH	
BUS 160	Human Relations	BUSAD 1T**	2
BUS 161	Human Relations	BUSAD 1T**	3
BUS 175	Business Seminar I	BUSAD 1T**	1
BUS 185	Business Law I	ACCT 215	3
BUS 186	Business Law II	ACCT 2T**	3
BUS 197	Leadership Development	MGMT 1T**	3
BUS 211	Business Statistics	STAT 101	4
BUS 212	Business Statistics II	STAT 2T**	3
BUS 250	Principles of Real Estate	FIN 2T**	3
BUS 932	Practicum	BUSAD 2T**	3-5
BUS 938	Office On-The-Job Training	CAREER/TECH	
BUS 949	Special Topics	BUSAD 2T**	3
CUEMICTRY			
CHEMISTRY CHM 151	College Chemistry I	CHEM 162	2
CHM 151	College Chemistry I I ab	CHEM 163 CHEM 163L	3
CUM 452	College Chemistry I Lab College Chemistry II	CHEM 1T**	1
CHM 152	College Chemistry II Lab	CHEM 1T**	3 1
CHM 166	General Chemistry I	CHEM 177	4
CHW 100	General Chemistry I Lab	CHEM 177L	1
CHM 176	General Chemistry II	CHEM 177E	4
CHW 176	General Chemistry II Lab	CHEM 178L	1
CHM 190	Intro to Forensic Chemistry	CHEM 176L	4
CHM 263	Organic Chemistry I	CHEM 331	3
CHW 203		CHEM 333L	
CHM 272	Organic Chemistry I Lab		2
CHM 273	Organic Chemistry II Lab	CHEM 332	3 2
	Organic Chemistry II Lab	CHEM 334L	2
COMPUTER PROGRAMI	MING		
CIS 125	Intro to Programming Logic w/Language	COM S 1T**	3
CIS 141	Computer Science	COM S 1T**	3
CIS 143	Advanced Computer Science	COM S 1T**	4
CIS 146-148	By Title	CAREER/TECH	
CIS 161	C++	COM S 2T**	3

COMPUTER PROGRAMMING, continued CIS 162						
COMPUTER PROGRAMMING, continued CIS 162						
CIS 162	COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS		
CIS 162		MINO continued				
CIS 177-204			COM C 4T**	4		
CIS 332				4		
CIS 612		·		0		
CIS 612				3		
COMMUNICATION COM 723-781 By Title CAREER/TECH		· · · · · · · · · · · · · · · · · · ·		2		
COMMUNICATION COM 723-781 By Title CAREER/TECH CONSTRUCTION CON 106-932 By Title CAREER/TECH COSMETOLOGY COS 110-159 By Title CAREER/TECH CRIMINAL JUSTICE CRJ 100 Intro to Criminal Justice CJ ST 1240 3 CRJ 101 Ethics in Criminal Justice CJ ST 11** 3 CRJ 101 Patrol Procedures CJ ST 11** 3 CRJ 110 Patrol Procedures CJ ST 11** 3 CRJ 120 Introduction to Corrections CJ ST 11** 3 CRJ 123 Service Learning Project CJ ST 11** 1 CRJ 130 Criminal Law CJ ST 11** 3 CRJ 136 Correctional Law CJ ST 11** 3 CRJ 136 Correctional Law CJ ST 11** 3 CRJ 137 Overview of Cybercrime CJ ST 11** 3 CRJ 141 Criminal Investigation CJ ST 11** 3 CRJ 200 Criminology						
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CRJ 207 Drug Use and Abuse H S 215 3 CRJ 208 Introduction to Private Security CJ ST 2T** 3 CRJ 214 Survival Spanish for Criminal Justice CAREER/TECH CRJ 218 Field Experience I-Law Enforcement CJ ST 2T** 2 CRJ 219 Field Experience II-Law Enforcement CJ ST 2T** 3 CRJ 220 Community-Based Corrections CJ ST 2T** 3 CRJ 250 Firearms CJ ST 2T** 1 CRJ 900-901 By Title CAREER/TECH CRJ 920 Field Experience CJ ST 2T** 5 COLLISION REPAIR AND REFINISH CRR 203-908 By Title CAREER/TECH COMPUTER SCIENCE CSC 110 Introduction to Computers COM S 103 3 CSC 116 Information Computing COM S 113 3 FILM AND THEATRE	CRJ 201	Juvenile Deliguency	SOC 241			
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	CSC 116	Information Computing	COM S 113	3		
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	DRA 101	Introduction to Theatre	THTRE 1T**	3		

IOWA LAKES COMMUNI	TY COLLEGE	IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
DISABILITY SERVICES			
DSV 104	Making a Difference: Service Careers	SOC 1T**	3
DSV 125-155	By Title	CAREER/TECH	
DSV 160	Counseling Skills	PSYCH 1T**	4
DSV 932-941	By Title	CAREER/TECH	
EARLY CHILDHOOD EDU	<u>JCATION</u>		
ECE 103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE 106-111	By Title	CAREER/TECH	
ECE 112	Portfolio Development I	HD FS 1T**	1
ECE 113	Portfolio Development II	HD FS 1T**	1
ECE 133	Child Health/Safety/Nutrition	CAREER/TECH	
ECE 140	Early Childhood Curriculum Planning	HD FS 1T**	3
ECE 158, 159	Early Childhood Curriculum I, II	CAREER/TECH	
ECE 170	Child Growth and Development	HD FS 1T**	3
ECE 210-221	By Title	CAREER/TECH	
ECE 243	Early Childhood Guidance	HD FS 2T**	3
ECE 261	Contemporary Issues in Child Care	HD FS 2T**	3
ECE 262, 278	Early Childhood Field Experience I, II	CAREER/TECH	
ECE 290	Early Childhood Program Administration	HD FS 2T**	3
ECONOMICS			
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3
EDUCATION			
EDUCATION EDUCATION	Favor detiene of Education	EDUC 004	0
EDU 210	Foundations of Education	EDUC 204	3
EDU 212	Educational Foundations	EDUC 204	3
EDU 215	Introduction to Education Lecture	EDUC 2T**	3
EDU 217	Introduction to Education Lab	EDUC 2T**	1
EDU 235	Children's Literature	HD FS 240	3
ENGINEERING TECHNO			
EGT 114-946	By Title	CAREER/TECH	
ELECTRICAL TECHNOLO	<u>ogy</u>		
ELE 119-946	By Title	CAREER/TECH	
ELECTRONICS			
ELT 125-732	By Title	CAREER/TECH	
ENGLISH COMPOSITION	1		
ENG 003-062			No Credit
	By Title	ENGL 150	
ENG 105	Composition I	ENGL 250	3
ENG 106	Composition II	ENGL 250	3
ENG 221	Creative Writing	ENGL 2T**	3
ENVIRONMENTAL SCIEN	NCE		
ENV 145	Conservation Biology	ENV S 1T**	4
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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
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ENVIRONMENTAL STUD	NES		
EVS 114	Environmental Studies I	ENV S 1T**	4
EVS 124	Environmental Studies II	ENV S 1T**	4
EVS 173	Intro to Water Resources	CAREER/TECH	-
EVS 200	Environmental Seminar	ENV S 2T**	2
EVS 205-224	By Title	CAREER/TECH	_
EVS 225	Collection and Distribution Systems	ENV S 2T**	3
EVS 254	Introduction to Natural Resources Mgmt	ENV S 2T**	4
EVS 264	Natural Resources Management Techniques	ENV S 2T**	4
EVS 274-284	By Title	CAREER/TECH	
EVS 294	Introduction to GIS	ENV S 2T**	3
EVS 941	Practicum	ENV S 2T**	4
EVS 946	Water Quality Internship	CAREER/TECH	7
E V 3 940	Water Quality internship	CAREEN/TECH	
FINANCE			
FIN 101	Principles of Banking	FIN 1T**	3
FIN 121	Personal Finance	HD FS 283	3
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FOREIGN LANGUAGE - I	FRENCH		
FLF 141	Elementary French I	FRNCH 101	4
FLF 142	Elementary French II	FRNCH 102	4
	,		
FOREIGN LANGUAGE - :	<u>SPANISH</u>		
FLS 104	Spanish for Professionals	CAREER/TECH	
FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 241	Intermediate Spanish I	SPAN 201	4
FLS 242	Intermediate Spanish II	SPAN 202	4
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<u>GEOGRAPHY</u>			
GEO 121	World Regional Geography	S SCI 1T**	3
GRAPHIC COMMUNICAT		A D.T. 4 T.t.	_
GRA 118	Electronic Publishing	ART 1T**	3
GRA 121	Digital Drawing	ART 1T**	3
GRA 140-141	Digital Imaging I, II	ART 1T**	3 each
GRA 162	Web Page Graphics	ART 1T**	3
GRA 166	Web Animations	CAREER/TECH	
GRA 173	Typography	ART 1T**	3
GRA 175	Graphic Design	ART 1T**	3
GRA 188	Advert Layout & Composition	ART 1T**	3
GRA 234-802	By Title	CAREER/TECH	
GRA 932	Internship	ART 2T**	2-4
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HOSPITALITY, CULINAR		LIOPALOGE	
HCM 104	Applied Food Service Sanitation	HSP M 233	4
HCM 141-940	By Title	CAREER/TECH	
LICATING AID CONDITIONING A VENTU ATION TECHNICLES			
	DNING, & VENTILATION TECHNOLOGY	CADEED/TECH	
HCR 102-946	By Title	CAREER/TECH	

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
LICTORY			
HISTORY HIS 110	Western Civ: Ancient to Modern	HIST 201	2
HIS 111	Western Civ: Modern to Present	HIST 202	3
HIS 151	U.S. History to 1877	HIST 221	3 3
HIS 151	U.S. History Since 1877	HIST 222	3
HIS 201	·	HIST 2T**	
HIS 251	Iowa History		3
	U.S. History 1945 to Present	HIST 2T**	3 3
HIS 257	African American History	AF AM 2T**	3
HEALTH INFORMATION	TECHNOLOGY		
HIT 242-601	By Title	CAREER/TECH	
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HEALTH SCIENCES			
HSC 109-177	By Title	CAREER/TECH	
HSC 186	Human Growth and Development	PSYCH 230	3
HSC 192-217	By Title	CAREER/TECH	J
1100 102 217	By Title	O/ (INCLETO I LOTT	
HUMAN SERVICES			
HSV 140	Social Work and Social Welfare	SOC 1T**	3
HSV 162	Intro to Human Disabilities & Services	SP ED 250	3
HSV 225	Counseling Techniques	HD FS 2T**	3
HSV 284	Case Management	CAREER/TECH	Ü
HSV 293	Substance Abuse and Treatment Planning	HD FS 2T**	3
HSV 901	Substance Abuse Practicum I	HD FS 2T**	3
HSV 901	Substance Abuse Practicum II	HD FS 2T**	4
113 / 902	Substance Abuse Fracticum II	HD F3 21	4
JOURNALISM			
JOU 171	Introduction to Photography	JL MC 1T**	3
JOU 173	Digital Photography	JL MC 1T**	3
JOU 177	News and Advertising Photography	JL MC 1T**	3
JOU 180	Digital Imaging for Professionals	JL MC 1T**	3
JOU 190	Digital Media Mkting, Writing, Comm Engagement	JL MC 1T**	3
JOU 941	Practicum	JL MC 2T**	Variable
300 941	Fracticum	JL IVIC 21	variable
PARALEGAL/LEGAL STU	IDIES		
LGL 120	Introduction to Law & Paralegal	CJ ST 1T**	2
LGL 121	Law Office Software	CJ ST 1T**	1
LGL 121 LGL 122	Legal Ethics	CJ ST 1T**	2
LGL 122 LGL 140	Wills, Trusts and Estate Administration	CJ ST 1T**	3
LGL 154	Legal Research	CJ ST 1T**	4
LGL 161	•	CJ ST 1T**	
	Legal Writing		4
LGL 180	Torts and Litigation	CJ ST 1T**	3
LGL 200	American Trial Process	CJ ST 2T**	3
LGL 205	Employment Law	CJ ST 2T**	3
LGL 210	Contract Law	CJ ST 2T**	3
LGL 230	Criminal Law & Procedure	CJ ST 2T**	3
LGL 242	Civil Procedure & Practice	CJ ST 2T**	3
LGL 250	Family Law	CJ ST 2T**	3
LGL 941	Practicum	CJ ST 2T**	Variable
LGL 942	Paralegal Practicum	CAREER/TECH	

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
LITEDATURE			
LITERATURE	Introduction to Literature	ENCL 204	2
LIT 101	Introduction to Literature	ENGL 201	3
LIT 110	American Literature to Mid-1800's	ENGL 227	3
LIT 111	American Literature Since Mid-1800's	ENGL 228	3
LIT 150	World Literature I	ENGL 2T**	3
LIT 161	The Short Story	ENGL 2T**	3
LIT 184	Young Adult Literature	ENGL 2T**	3
MEDICAL ASSISTANT	B. 700	0.40==0/==0.1	
MAP 111-941	By Title	CAREER/TECH	
MATHEMATICS			
MATHEMATICS MAT 005 054	D., Title		Na One-lit
MAT 005-054	By Title	MATHOR	No Credit
MAT 100	Elementary Algebra	MATH 25	No Credit
*MAT 102	Intermediate Algebra	MATH 100Z	4
*Transfer credit in MA	ATH 100Z does not count toward graduation.		
MAT 440	Moth for Liberal Arts	MATLLAGE	2
MAT 110	Math for Liberal Arts	MATH 105	3
MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 120	College Algebra	MATH 140	3
MAT 121	College Algebra	MATH 140	4
MAT 127	College Algebra & Trigonometry	MATH 143	5
MAT 130	Trigonometry	MATH 1T**	3
MAT 140	Finite Math	MATH 104	3
MAT 156	Statistics	STAT 104	3
MAT 157	Statistics	STAT 101	4
MAT 210	Calculus I	MATH 160	4
MAT 211	Calculus I	MATH 165	5
MAT 217	Calculus II	MATH 166	5
MAT 218	Calculus III	MATH 265	3
MAT 227	Differential Equations w/Laplace Transforms	MATH 267	4
MAT 743-772	By Title	CAREER/TECH	
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MANUFACTURING			
MFG 126-505	By Title	CAREER/TECH	
<u>MANAGEMENT</u>			
MGT 101	Principles of Management	MGMT 1T**	3
MGT 110	Small Business Management	MGMT 1T**	3
MGT 130	Principles of Supervision	MGMT 1T**	3
MGT 165	Principles of Quality	MGMT 1T**	3
MGT 170	Human Resource Management	MGMT 1T**	3
MGT 178	Employment Law	MGMT 1T**	3
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MARKETING			
MKT 110	Principles of Marketing	MKT 1T**	3
MKT 140	Principles of Selling	MKT 1T**	3
MKT 142	Consumer Behavior	MKT 1T**	3
MKT 150	Principles of Advertising	ADVRT 1T**	3
MKT 155-938	By Title	CAREER/TECH	
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MASS MEDIA STUDIES MMS 101 Mass Media JL MC 101 3 MMS 102 MS 22185 By Title CAREER/TECH MMS 225 Advanced Television Production JL MC 2T** 3 MMS 234 Radio Workshop JL MC 2T** 4 MMS 401-404 Multimedia Projects I-IV CAREER/TECH MMS 941 Practicum JL MC 2T** 2 MOTORCYCLE TECHNOLOGY MOT 129-832 By Title CAREER/TECH MASSAGE THERAPY MST 101-810 By Title CAREER/TECH MMSIC - APPLIED MUA 101 Applied Voice MUSIC 1T** 1 MUA 119 Class Piano MUSIC 1T** 1 MUA 120 Applied Guitar MUSIC 1T** 1 MUA 124 Applied String Bass MUSIC 1T** 1 MUA 125 Applied Tuba MUSIC 1T** 1 MUA 126 Applied Tuba MUSIC 1T** 1 MUA 150 Applied Tuba MUSIC 1T** 1 MUA 154 Applied French Horn MUSIC 1T**	IOWA I AKEO OOMS	TV 0011 F0F	IOWA CTATE	
MASS MEDIA STUDIES MMS 101 Mass Media JL MC 101 3 MMS 122-185 By Title CAREER/TECH JL MC 2T** 3 MMS 234 Radio Workshop JL MC 2T** 4 MMS 401-404 Multimedia Projects I-IV CAREER/TECH MMS 941 Practicum JL MC 2T** 2 MOTORCYCLE TECHNOLOGY MOTORCYCLE TECHNOLOGY WITTER CAREER/TECH MASAGE THERAPY MSE 143-932 By Title CAREER/TECH MASAGE THERAPY MST 101-810 By Title CAREER/TECH MASIG 1T** 1 MUA 101 Applied Voice MUSIC 1T** 1 MUA 119 Class Piano MUSIC 1T** 1 MUA 120 Applied Piano MUSIC 1T** 1 MUA 126 Applied String Bas MUSIC 1T** 1 MUA 128 Applied String Bas MUSIC 1T** 1 MUA 150 Applied String Basson MUSIC 1T** 1			IOWA STATE	CDEDITO
MMS 101 Mass Media	COURSE NUMBER	COURSE IIILE	EQUIVALENT	CREDITS
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MMS 225 Advanced Television Production JL MC 2T** 3 MMS 234 Radio Workshop JL MC 2T** 4 MMS 401-404 Multimedia Projects I-IV CAREER/TECH JL MC 2T** 2 MMS 2941 Practicum JL MC 2T** 2 MOTORY SET 15 MINE SERVICE TECHNOLOGY MOT 128-932 By Title CAREER/TECH MASSAGE THERAPY MIST 101-810 By Title CAREER/TECH MUSIC - APPLIED MIUA 101 Applied Voice MUSIC 1T** 1 MUA 120 Applied Piano MUSIC 1T** 1 MUA 120 Applied Glitar MUSIC 1T** 1 MUA 126 Applied Strings MUSIC 1T** 1 MUA 128 Applied String Bass MUSIC 1T** 1 MUA 150 Applied Bassoon MUSIC 1T** 1 MUA 152 Applied Bassoon MUSIC 1T** 1 MUA 158 Applied Flute MUSIC 1T** 1 MUA 160 Applied Picus MUSIC 1T*				Ü
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MMS 401-404				
MMS 941 Practicum JL MC 2T** 2 MOTORCYCLE TECHNOLOGY MSE 143-932 By Title CAREER/TECH MARINE SERVICE TECHNOLOGY MSE 143-932 By Title CAREER/TECH MASSAGE THERAPY MST 101-810 By Title CAREER/TECH MUSIC 1T** 1 MUA 101 Applied Voice MUSIC 1T** 1 MUA 119 Class Piano MUSIC 1T** 1 MUA 120 Applied Piano MUSIC 1T** 1 MUA 124 Applied Strings MUSIC 1T** 1 MUA 126 Applied Strings MUSIC 1T** 1 MUA 128 Applied String Bass MUSIC 1T** 1 MUA 150 Applied Bassoon MUSIC 1T** 1 MUA 151 Applied Bassoon MUSIC 1T** 1 MUA 152 Applied Flute MUSIC 1T** 1 MUA 154 Applied Flute MUSIC 1T** 1 MUA 156 Applied French Horn MUSIC 1T** 1 MUA 160 Applied Saxophone MUSIC 1T** 1 MUA 164 Applied Procusion MU		•		•
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MARINE SERVICE TECHNOLOGY MSE 143-932 By Title CAREER/TECH MASSAGE THERAPY MST 101-810 By Title CAREER/TECH MUA 101 Applied Voice MUSIC 1T** 1 MUA 119 Class Piano MUSIC 1T** 1 MUA 120 Applied Piano MUSIC 1T** 1 MUA 124 Applied Strings MUSIC 1T** 1 MUA 125 Applied String Bass MUSIC 1T** 1 MUA 128 Applied String Bass MUSIC 1T** 1 MUA 150 Applied Tuba MUSIC 1T** 1 MUA 151 Applied Bassoon MUSIC 1T** 1 MUA 152 Applied Frome MUSIC 1T** 1 MUA 154 Applied French Horn MUSIC 1T** 1 MUA 155 Applied French Horn MUSIC 1T** 1 MUA 160 Applied Saxophone MUSIC 1T** 1 MUA 161 Applied Trombone MUSIC 1T** 1 MUA 166 Applied Precussion				
MASSAGE THERAPY MASSAGE THERAPY MUSIC - APPLIED MUA 101 Applied Voice MUSIC 1T** 1 MUA 101 Applied Voice MUSIC 1T** 1 MUA 101 Applied Voice MUSIC 1T** 1 MUA 190 Applied Piano MUSIC 1T** 1 MUA 120 Applied Guitar MUSIC 1T** 1 MUA 126 Applied String Bass MUSIC 1T** 1 MUA 150 Applied String Bass MUSIC 1T** 1 MUA 150 Applied String Bass MUSIC 1T** 1 MUA 150 Applied String Bass MUSIC 1T** 1 MUA 152 Applied Clarinet MUSIC 1T** 1 MUA 156 Applied Flute MUSIC 1T**<	MOT 128-932	By Title	CAREER/TECH	
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MASSAGE THERAPY MST 101-810 By Title CAREER/TECH MUSIC 1-810 MUSIC 11** MUSIC 11** MUA 101 Applied Voice MUSIC 11** 1 MUA 119 Class Piano MUSIC 11** 1 MUA 120 Applied Piano MUSIC 11** 1 MUA 124 Applied Guitar MUSIC 11** 1 MUA 126 Applied Strings MUSIC 11** 1 MUA 150 Applied Tuba MUSIC 11** 1 MUA 150 Applied Bassoon MUSIC 11** 1 MUA 152 Applied Bassoon MUSIC 11** 1 MUA 154 Applied Flute MUSIC 11** 1 MUA 156 Applied Flute MUSIC 11** 1 MUA 166 Applied Saxophone MUSIC 11** 1 MUA 160 Applied Trombone MUSIC 11** 1 MUA 160 Applied Trombone MUSIC 11** 1 MUA 180 Applied Percussion MUSIC 11**			CAREER/TECH	
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MUS 178 Handbell Ensemble MUSIC 1T** 1	MUS 178	Handbell Ensemble	MUSIC 1T**	1

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COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
GENERAL MUSIC, conti	nuad		
MUS 190	Jazz Improvisation	MUSIC 1T**	1
MUS 200	Music History I	MUSIC 2T**	3
MUS 203	· ·	MUSIC 2T**	
MUS 205	History of American Music	MUSIC 2T**	3 3
	Jazz History and Appreciation		
MUS 220-221	Music Theory III, IV	MUSIC 2T**	3 each
MUS 235-236	Music Theory Lab III, IV	MUSIC 2T**	1 each
MUS 250	Musical Play Production	MUSIC 2T**	1
COMPUTER NETWORK	NG		
NET 122-142	By Title	CAREER/TECH	
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PARTS DISTRIBUTION A	AND INVENTORY CONTROL		
PAR 113-124	By Title	CAREER/TECH	
PHYSICAL EDUCATION			
PEA 137	Lifeguard Training I	KIN 114	1
PEA 143	Physical Conditioning I	KIN 1T**	1
PEA 146	Physical Fitness I	KIN 163	1
PEA 187	Weight Training I	KIN 166	1
PEA 244	Physical Conditioning II	KIN 2T**	1
PEA 246	Physical Fitness II	KIN 2T**	1
PEA 287	Weight Training II	KIN 2T**	1
PEA 292	Physical Conditioning III	KIN 2T**	1
PEA 294	Weight Training III	KIN 2T**	1
COACHING/OFFICIATING			
PEC 101	Introduction to Coaching	KIN 1T**	3
PEC 110	Coaching Ethics, Techniques, & Theory	KIN 1T**	1
PEC 115	Athletic Development and Human Growth	KIN 1T**	1
PEC 120	Body Structure and Function	KIN 1T**	1
PEC 126	Athletic Injury Prevention	A TR 1T**	2
PEC 128	Care and Prevention of Athletic Injuries	A TR 220	3
	DUCATION AND HEALTH		_
PEH 102	Health	H S 110	3
PEH 141	First Aid	H S 105	2
PEH 225	Healthy Lifestyles Management	KIN 2T**	3
DUVEICAL EDUCATION	TD AINING		
PHYSICAL EDUCATION PET 105		A TR 1T**	2
PET 105 PET 115	Basic Athletic Training	A TR 1T**	3 2
	Introduction to Taping		
PET 140-181	Athletic Training Experience I-IV	A TR 1T**	1 each
INTERCOLLEGIATE PHY	SICAL EDUCATION		
PEV 110	Varsity Baseball, Fall	ATH 101	1
PEV 115	Varsity Baseball	ATH 101	1
PEV 121	Varsity Basketball, Men	ATH 101B	1
PEV 122	Varsity Basketball, Women	ATH 101D	1
PEV 140	Varsity Golf	ATH 101G	1
PEV 140	Varsity Softball	ATH 101G ATH 101K	1
PEV 165	Varsity Swimming	ATH 101K	1
1 L V 103	varsity Swiffining	VIII 101	I

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COURSE NUMBER	COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
COOKSE NOMBER	COURSE TITLE	EQUIVALENT	CKEDIIS
INTERCOLLEGIATE PHY	SICAL EDUCATION, continued		
PEV 170	Varsity Volleyball	ATH 101R	1
PEV 210	Varsity Baseball II, Fall	ATH 101	1
PEV 221	Varsity Basketball II, Men	ATH 101B	1
PEV 222	Varsity Basketball, Women	ATH 101C	1
PEV 240	Varsity Golf II	ATH 101G	1
PEV 260	Varsity Softball II	ATH 101K	1
PEV 270	Varsity Volleyball II	ATH 101R	1
			•
PHILOSOPHY			
PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHYSICAL SCIENCE			
PHS 113	Introduction to Physical Science	SCI 1T**	4
PHS 142	Principles of Astronomy	ASTRO 1T**	3
PHS 166	Meteorology Weather Climate	MTEOR 206	4
PHS 185	Introduction to Earth Science	SCI 1T**	3
PHS 187	Introduction to Earth Science	SCI 1T**	4
PHYSICS			
PHY 162	College Physics I	PHYS 111	4
PHY 172	College Physics II	PHYS 112	4
PHY 212	Classical Physics I	PHYS 221	5
PHY 222	Classical Physics II	PHYS 232	5
	•	PHYS 232L	
PHY 709	Introduction to Technical Physics	CAREER/TECH	
	·		
PRACTICAL NURSING			
PNN 105-136	By Title	CAREER/TECH	
POLITICAL SCIENCE			
POL 110	Introduction to Political Science	POL S 1T**	3
POL 111	American National Government	POL S 215	3
POL 112	American State and Local Government	POL S 1T**	3
POL 121	International Relations	POL S 1T**	3
POL 125	Comparative Politics and Government	POL S 241	3
<u>PSYCHOLOGY</u>			
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 211	Psychology of Adjustment	PSYCH 2T**	3
PSY 222	Child Psychology	PSYCH 2T**	3
PSY 223	Child and Adolescent Psychology	PSYCH 2T**	3
PSY 224	Adolescent Psychology	PSYCH 2T**	3
PSY 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 2T**	3
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IOWA LAKES COMMUNI COURSE NUMBER	COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CKEDIIS
READING			
RDG 031	Introduction to College Reading II		No Credit
RDG 120	College Reading	ENGL 1T**	1
1130 120	Conogo reading	2.102	·
RELIGION			
REL 101	Survey of World Religions	RELIG 205	3
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STUDENT DEVELOPME	<u>NT</u>		
SDV 061-075	By Title		No Credit
SDV 103	Successful Learning	PSYCH 131	1
SDV 106	Library Orientation	LIB 160	1
SDV 125	Workplace Readiness	XXX 1T**	1
SDV 131	Career Exploration	U ST 1T**	2
SDV 154	Successful Learning II	PSYCH 1T**	1
SDV 173	Introduction to Reasoning	XXX 1T**	2
SDV 175	Tools for Life	XXX 1T**	3
SDV 182, 185	By Title	U ST 1T**	2 each
SDV 191	Positive Psychology and Wellness	XXX 1T**	3
SDV 195	Student Government I	POL S 1T**	1
SDV 213	Coop Career Experience	XXX 2T**	2
SDV 240	Professional Seminar	XXX 2T**	1
	/ 		
SUSTAINABLE ENERGY			
SER 101-230	By Title	CAREER/TECH	
SOCIAL MEDIA AND MA	DKETING		
SMM 100-210	By Title	CAREER/TECH	Ī
SIVIIVI 100-210	by fille	OAKELIV I LOIT	
SOCIOLOGY			
SOC 110	Introduction to Sociology	SOC 134	3
SOC 115	Social Problems	SOC 235	3
SOC 120	Marriage and Family	SOC 219	3
SOC 160	Introduction to Social Work	SOC 1T**	3
SOC 186	Contemporary Global Issues	S SCI 1T**	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 220	Sociology of Aging	SOC 2T**	3
<u>SPEECH</u>			
SPC 101, 112	By Title	SP CM 212	3 each
SPC 122	Interpersonal Communications	COMST 211	3
SURGICAL TECHNOLOG			
SUR 123-519	By Title	CAREER/TECH	
WED DEVELOPMENT			
WEB DEVELOPMENT	Makila Application Development	OADEED/TEO:	•
WDV 132	Mobile Application Development	CAREER/TECH	I
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