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 2021-2022 General Catalog and the 2021-2022 Iowa State University Bulletin

How to Read the Course Equivalency Guide

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course 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 Iowa State department and course number is listed.

• If there is not a course directly equivalent to the community college course, the department name is still listed with either a 1T** or 2T**. This shows that it does transfer as either a freshman (1T**) or sophomore (2T**) level course. The student's major department at Iowa State will apply these credits to the student's degree as they see fit.

• A "z" after MATH 100 indicates the course will transfer to Iowa State but will not be used toward graduation from Iowa State University.

• CAREER/TECH means the course is part of a career/technical program. A maximum of sixteen semester hours of career/technical credit can be transferred to Iowa State.

• "No Credit" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

IOWA CENTRAL COMI COURSE NUMBER	COURSE TITLE	IOWA STATE	CREDITS
		EQUIVALENT	GREDIIS
ACCOUNTING			
ACC 102-111	By Title	CAREER/TECH	
ACC 142	Financial Accounting	ACCT 284	3
ACC 146	Managerial Accounting	ACCT 285	3
ACC 211, 212	Intermediate Accounting I, II	ACCT 2T**	3 each
ACC 221	Cost Accounting	ACCT 2T**	3
ACC 266	Tax Accounting	ACCT 2T**	3
ACC 311	Computer Accounting	ACCT 2T**	3
ACC 330-932	By Title	CAREER/TECH	0
ACC 330-332	by hite	CARLENTLOIT	
ADMINISTRATIVE ASS	SISTANT		
ADM 105-941	By Title	CAREER/TECH	
	,		
ASSOCIATE DEGREE	NURSING		
ADN 405-806	By Title	CAREER/TECH	
AGRICULTURE - AGR			
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 155	Fundamentals of Soil Science Lab	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
	A MANAGEMENT BUOINEGO		
	MANAGEMENT - BUSINESS		2
AGB 133	Introduction to Agricultural Business	ECON 2T**	3 2 h
AGB 206, 207	Farm Operations and Management I, II	AGEDS 1T**	3 each
AGB 235	Introduction to Agriculture Markets	ECON 235	3
AGB 330	Farm Business Management	ECON 230	3
AGB 336	Agriculture Sales	ECON 336	3
AGB 934	Practicum	ECON 2T**	3
AGB 927	Honors Study	ECON 2T**	1-3
AGRICULTURE - COM	DREHENSIVE		
AGC 129-940	By Title	CAREER/TECH	
120 040	by hite	O/ I LEI VIEOIT	
AGRICULTURE - EQUI	NE		
AGE 219	Equine Science	AN S 216	3
AGRICULTURE - HOR	TICULTURE		
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	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

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IOWA CENTRAL COM	MUNITY COLLEGE COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
	TICULTURE,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	
AGRICULTURE - MEC	HANICS		
AGM 101	Ag Diesel Tractor/Equipment Maintenance	CAREER/TECH	
AGRICULTURE - PREC	CISION AG		
AGP 330-336	By Title	CAREER/TECH	
	Dy Hue		
AGRICULTURE - ANIM			_
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**	3
AGS 401	Swine Production	AN S 225	3
AGS 553	Beef Production	AN S 226	3
ANTHROPOLOGY			
ANT 105	Cultural Anthropology	ANTHR 201	3
ART			
ART 101	Art Approxiption	ART 1T**	3
	Art Appreciation		
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
	0.11.05		
AMERICAN SIGN LAN			-
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 TECH A	AND ROBOTICS		
ATR 253-270	By Title	CAREER/TECH	
AUTOMOTIVE TECHN	OLOGY		
AUT 108-949	By Title	CAREER/TECH	
	by fille		
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IOWA CENTRAL COMI COURSE NUMBER	MUNITY COLLEGE COURSE TITLE	IOWA STATE EQUIVALENT	CREDITS
<u>AVIATION</u> AVI 255	FAA Part 107 Remote Pilot	CAREER/TECH	
BUSINESS COMPUTER BCA 122-185	By Title	CAREER/TECH	
BCA 212	Introduction to Computer Business Applications	COM S 2T**	3
BCA 251-284	By Title	CAREER/TECH	0
BIOLOGY			
BIO 102	Introductory Biology	BIOL 101	3
BIO 102	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
	BIO 113 are both taken, the courses will transfer as	5102 21	7
	BIOL 211L (1), BIOL 212 (3), and BIOL 212L (1).		
BIO 151	Nutrition	FS HN 167	3
BIO 163	Essentials of Anatomy and Physiology	BIOL 155	4
*BIO 168	Human Anatomy and Physiology I w/lab	BIOL 1T**	4
*BIO 173	Human Anatomy and Physiology II w/lab	BIOL 1T**	4
	I BIO 173 are both taken, the courses will transfer as	DIOL III	•
	BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).		
BIO 186	Mierobiology		2
BIO 166	Microbiology Microbiology	MICRO 201 MICRO 201L	3 1
	Microbiology Lab		-
BIO 927	Honors Study	BIOL 2T**	1-4
BIO 948	Special Projects	BIOL 2T**	1-4
BIO 949	Special Topics	BIOL 2T**	1-3
		*Updated March 2	2, 2022
BIOPROCESS TECHNO BPT 113-932	DLOGY By Title	CAREER/TECH	
BF1 113-932	by fille	CAREER/TECH	
BUSINESS			
BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 112-113	By Title	CAREER/TECH	
BUS 114	Workplace Communications	COMM 1T**	3
BUS 121	Business Communication	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	BUSAD 1T**	3
BUS 180	Business Ethics	PHIL 1T**	3
BUS 185	Business Law I	ACCT 215	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	
BUS 927	Honors Study	BUSAD 2T**	1-3
		*Updated March	7, 2022

IOWA CENTRAL COMI	MUNITY COLLEGE	IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
BUSINESS, continued			
BUS 932	Internship	CAREER/TECH	2-3
BUS 949	Special Topics	BUSAD 2T**	3
COMPUTER AIDED DF CAD 101-949		CAREER/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 Biochemistry	CHEM 231	3
		CHEM 231L	1
CHM 132	Introduction to Organic and Biochemistry	CHEM 231	4
CHM 152	Introduction to Organic and Diochemistry	CHEM 231L	4
	Constal Chamistry		
CHM 165	General Chemistry I	CHEM 177	3
01114.475	General Chemistry I Lab	CHEM 177L	1
CHM 175	General Chemistry II	CHEM 178	3
	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 Seminar	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 PROGRA			
CIS 129	By Title	CAREER/TECH	4
CIS 153	Data Structures	COM S 208	4
*CIS 162	C++	COM S 207	4
*When CIS 162	and MAT 180 are both taken, the courses will transfer as	SENGR 160.	
CIS 172	Java	COM S 1T**	4
CIS 189-352	By Title	CAREER/TECH	•
CIS 604	Visual Basic	COM S 1T**	3
CIS 612	Advanced Visual Basic	COM S 1T**	3
CIS 012 CIS 927			
015 927	Honors Study - Computer Programming	COM S 2T**	1-3
CULTURAL STUDIES			
CLS 130	African Cultures	HUM 1T**	3
CLS 141	Middle Eastern History and Culture	HIST 1T**	3
CLS 150	Latin American History and Culture	HIST 1T**	3
CLS 165	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**	-3 1-3
CLS 927 CLS 949	Special Topics in Cultural Studies	INTST 2T**	1-3
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IOWA CENTRAL COM		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
		EGONALEN	OREDITO
COMMUNICATION			
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
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**	2
COM 949	Special Topics	COMM 2T**	1
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
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
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 A	ND REFINISH		
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	·
DENTAL HYGIENE			
DHY 114-303	By Title	CAREER/TECH	
FILM AND THEATRE	Introduction to Theotre		0
DRA 101 DRA 125	Introduction to Theatre	THTRE 106 THTRE 1T**	3
DRA 125 DRA 130	Introduction to Play Analysis	THTRE 11	3 3
DRA 130 DRA 132	Acting I	THTRE 251 THTRE 1T**	3
DRA 132 DRA 162	Acting II Technical Theatre	THTRE 11	3
DRA 162 DRA 927	Honors Study	THTRE 250 THTRE 2T**	3 1-3
DRA 929	Individual Project	THTRE 2T**	1-3
			1-4

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IOWA CENTRAL COM		IOWA STATE		
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS	
DIESEL				
DSL 120-949	By Title	CAREER/TECH		
EARLY CHILDHOOD E	DUCATION			
ECE 103-262	By Title	CAREER/TECH		
LOL 103-202	By The	CARLENTLOIT		
ECONOMICS				
ECN 120	Principles of Macroeconomics	ECON 102	3	
ECN 130	Principles of Microeconomics	ECON 101	3	
			-	
EDUCATION				
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	
EDU 920	Field Experience	EDUC 2T**	2	
EDU 927	Honors Study	EDUC 2T**	1-3	
EDU 949	Special Topics	EDUC 2T**	1	
ENGINEERING TECHN	OLOGY			
EGT 400-450	By Title	CAREER/TECH		
ELECTRICAL TECHNO				
ELE 104-949	By Title	CAREER/TECH		
EMERGENCY MEDICA				
EMS 113-825	By Title	CAREER/TECH		
ENGLISH COMPOSITIO				
ENG 025-096	<u>p</u> By Title		No Credit	
ENG 023-090 ENG 105	Composition I	ENGL 150		
ENG 105	Composition I: Library	LIB 160	3 R	
ENG 106	Composition II	ENGL 250		
ENG 111	Technical Writing	ENGL 250 ENGL 2T**	3 3	
ENG 221	Creative Writing	ENGL 207	3	
ENG 927	Honors Study	ENGL 207 ENGL 2T**	-3 1-3	
ENG 927 ENG 949	Special Topics	ENGL 2T**	1-3	
ENG 949	Special Topics	EINGL 21	1-4	
ENVIRONMENTAL SCI	ENCE			
ENV 111	Environmental Science	ENV S 173	4	
2			·	
NON-INTENSIVE ESL				
*ESL 265, 266	English As a Second Language I, 2	ENGL 101	4 each	
	dit in ENGL 101 does not count toward graduation.			
<u>FIN</u>				
FIN 101-180	By Title	CAREER/TECH	3	
FIRE SCIENCE				
FIR 124-400	By Title	CAREER/TECH		

IOWA CENTRAL COMI		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
FOREIGN LANGUAGE	- 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
FLS 242	Intermediate Spanish II	SPAN 202	4
FLS 948	Special Projects	WLC 2T**	1-4
FLS 949	Special Topics	WLC 2T**	1-4
GEOGRAPHY GEO 121	Warld Designal Coorresponder		2
	World Regional Geography	S SCI 1T**	3
GEO 927	Honors Study	S SCI 2T**	1-3
GRAPHIC COMMUNIC	ATIONS		
GRA 102-949	By Title	CAREER/TECH	
HEALTH CARE ADMIN	ISTRATION		
HCA 151-161	By Title	CAREER/TECH	
HCM 108-949	ARY ARTS AND MANAGEMENT By Title	CAREER/TECH	
TICINI 100-949	by fille	CAREEN/TECH	
HEATING AND AIR CO			
HCR 102-932	By Title	CAREER/TECH	
HISTORY			
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	3
HIS 152	U.S. History Since 1877	HIST 222	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 HSC 104-970	By Title	CAREER/TECH	
1130 104-970	by fille	CARLENTEON	
HUMAN SERVICES			
HSV 135	Women's Issues	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**	1-4
HSV 949	Special Topics	S SCI 2T**	1-3

IOWA CENTRAL COMI		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
HUMANITIES			
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
	roomology and coolar change		U
INDUSTRIAL TECHNO	LOGY		
IND 108-949	By Title	CAREER/TECH	
JOURNALISM			
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
		02 110 21	·
<u>LITERATURE</u>			
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 130	African American Literature	AF AM 201	3
LIT 133	Minority Voices in U.S. Literature	ENGL 1T**	3 3 3 3 3
LIT 140	British Literature I	ENGL 225	3
LIT 141	British Literature II	ENGL 226	3
LIT 155	Modern World Fiction	ENGL 2T**	3
LIT 927	Honors Study	ENGL 2T**	1-3
MEDICAL ASSISTANT			
MAP 115-610	By Title	CAREER/TECH	
MATHEMATICS			No Credit
MAT 023-045	By Title		No Credit No Credit
MAT 063	Elementary Algebra	MATH 25	
*MAT 102 *Transfer cre	Intermediate Algebra dit in MATH 100Z does not count toward graduation.	MATH 100Z	4
MAT 111	Math for Liberal Arts	MATH 1T**	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 156	Statistics	STAT 104	3
MAT 157	Statistics	STAT 101	4
MAT 158	Statistics II	STAT 1T**	3
MAT 159	Statistics Laboratory	STAT 1T**	1
MAT 162*	Business Statistics	STAT 226	4
*Course offered	d beginning Spring 2023.		
MAT 165	Business Calculus	MATH 151	0
*MAT 180	Engineering Problems	ENGR 1T**	3 2
	0 and CIS162 are both taken, the courses will transfer a		2

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

IOWA CENTRAL COMMUNITY COLLEGEIOWA STATECOURSE NUMBERCOURSE TITLEEQUIVALENTCREDITSMATHEMATICS, continuedMATT 1654MAT 210Calculus IMATH 1654MAT 213Calculus IIMATH 1664MAT 214Calculus IIMATH 1654MAT 215Calculus IIMATH 2654MAT 226Differential Equations with LaplaceMATH 2673MAT 227Honors StudyMATH 2773MAT 743-749Technical Math 1, II, IICAREER/TECHMAT 948Special TopicsMATH 27**1-4MAT 949Special TopicsMATH 27**1-4MAT 949Special TopicsMATH 27**1-4MAT 101Principles of ManagementMGMT 27**3MGT 100Principles of MarketingMKT 27**3MKT 131Social Media MarketingMKT 27**3MKT 136Intro to SellingMKT 27**3MKT 138Intro to SellingMKT 27**3MKT 145Sales ManagementMKT 27**3MKT 145Sales ManagementMKT 27**3MKT 131Social Media MarketingMKT 27**3MKT 132Advertising and PromotionADVRT 17**3MEDICAL LABORATORY TECHNOLOSYCAREER/TECH3MMS 101Mass MediaJL MC 1013MMS 202-024By TitleCAREER/TECH3MMS 102Applied Voice IIMUSIC 17**1M				
MAT 210 Calculus I MAT 210 Calculus II MAT 1165 4 MAT 210 Calculus II MAT 1166 4 MAT 210 Calculus II MAT 1166 4 MAT 210 Calculus II MAT 1166 4 MAT 226 Differential Equations wit Laplace MAT 1267 3 MAT 743-749 Technical Math 1, II, III CAREER/TECH 4 MAT 947 Honrs Study MAT 127** 1.4 MAT 949 Special Projects MAT 14 27** 1.4 MAT 949 Special Projects MAT 127** 1.4 MAT 238-949 By Title CAREER/TECH 4 MAT 210 Principles of Management MGMT 27** 3 MGT 101 Principles of Marketing MKT 27** 3 MKT 130 Social Media Marketing MKT 27** 3 MKT 131 Social Media Marketing MKT 27** 3 MKT 135 Advertising and Promotion ADVRT 17** 3 MEDICAL LABORATORY TECHNOLOSY MLT 111*290			IOWA STATE	
MAT 210 Calculus I MATH 165 4 MAT 216 Calculus II MAT H 265 4 MAT 219 Calculus III MATH 265 4 MAT 226 Differential Equations with Laplace MATH 267 3 MAT 227 Elem Differential Equations wiLaplace Transforms MATH 267 4 MAT 243-749 Technical Math I, II, III CAREER/TECH 14 MAT 949 Special Projects MATH 21** 14 MAT 248 Special Topics MATH 21** 14 MAT 949 Special Topics MATH 21** 14 MATG 238-949 By Title CAREER/TECH 14 MAT 250 MATH 21** 14 14 MAT 250 By Title CAREER/TECH 14 MAT 101 Principles of Management MKT 21** 3 MKT 130 Social Media Marketing MKT 21** 3 MKT 131 Social Media Marketing MKT 21** 3 MKT 136 Intro to Selling MKT 21** 3	COURSE NUMBER	COURSE IIILE	EQUIVALENT	CREDITS
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MEDICAL TRANSCRIPTION MTR 120-941By TitleCAREER/TECH APPLIED MUSIC MUA 101Applied Voice IIMUSIC 1T**1MUA 101Applied Voice IIMUSIC 1T**1MUA 102Applied Voice IIMUSIC 1T**1MUA 19Class PianoMUSIC 1T**1MUA 120Applied PianoMUSIC 1T**1MUA 122Applied OrganMUSIC 1T**1MUA 124Applied GuitarMUSIC 1T**1MUA 126Applied StringsMUSIC 1T**1MUA 143Applied BrassMUSIC 1T**1MUA 170Applied WoodwindsMUSIC 1T**1MUA 180Applied PercussionMUSIC 1T**1		-		-
MTR 120-941By TitleCAREER/TECHAPPLIED MUSICMUA 101Applied Voice IIMUSIC 1T**1MUA 102Applied Voice IIMUSIC 1T**1MUA 119Class PianoMUSIC 1T**1MUA 120Applied PianoMUSIC 1T**1MUA 122Applied OrganMUSIC 1T**1MUA 124Applied GuitarMUSIC 1T**1MUA 126Applied BriangsMUSIC 1T**1MUA 128Applied BriangsMUSIC 1T**1MUA 129Applied GuitarMUSIC 1T**1MUA 126Applied BriangsMUSIC 1T**1MUA 143Applied BrassMUSIC 1T**1MUA 170Applied PercussionMUSIC 1T**1		,		
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MUA 102Applied Voice IIMUSIC 1T**1MUA 119Class PianoMUSIC 1T**1MUA 120Applied PianoMUSIC 1T**1MUA 122Applied OrganMUSIC 1T**1MUA 124Applied GuitarMUSIC 1T**1MUA 126Applied StringsMUSIC 1T**1MUA 143Applied BrassMUSIC 1T**1MUA 170Applied PercussionMUSIC 1T**1		Applied Voice II	MUSIC 1T**	1
MUA 119Class PianoMUSIC 1T**1MUA 120Applied PianoMUSIC 1T**1MUA 122Applied OrganMUSIC 1T**1MUA 124Applied GuitarMUSIC 1T**1MUA 126Applied StringsMUSIC 1T**1MUA 143Applied BrassMUSIC 1T**1MUA 170Applied WoodwindsMUSIC 1T**1MUA 180Applied PercussionMUSIC 1T**1				
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MUA 126Applied StringsMUSIC 1T**1MUA 143Applied BrassMUSIC 1T**1MUA 170Applied WoodwindsMUSIC 1T**1MUA 180Applied PercussionMUSIC 1T**1				
MUA 143Applied BrassMUSIC 1T**1MUA 170Applied WoodwindsMUSIC 1T**1MUA 180Applied PercussionMUSIC 1T**1		•••		
MUA 170Applied WoodwindsMUSIC 1T**1MUA 180Applied PercussionMUSIC 1T**1				
MUA 180 Applied Percussion MUSIC 1T** 1		•••		
MUA 220 Applied Piano II MUSIC 2T** 1				
	MUA 220	Applied Plano II	MUSIC 2T**	1

IOWA CENTRAL COMMUNITY COLLEGE IOWA STATE			
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
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, 121	Music Theory I, II	MUSIC 1T**	3 each
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
MUS 176	Brass Ensemble	MUSIC 1T**	1
MUS 177	Percussion Ensemble	MUSIC 1T**	1
MUS 210	Pop Singers II	MUSIC 2T**	2
MUS 218, 219	Sightsinging and Ear Training III, IV	MUSIC 2T**	2 each
MUS 220, 221	Music Theory III, IV	MUSIC 2T**	3 each
MUS 227	Vocal Jazz Ensemble II	MUSIC 2T**	1
MUS 235	Music Theory Lab III	MUSIC 2T**	1
MUS 236	Music Theory Lab IV	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
MUS 927	Honors Study	MUSIC 2T**	1-3
MUS 948 MUS 949	Special Projects	MUSIC 2T**	1-4
WUS 949	Special Topics: Music	MUSIC 2T**	1-4
COMPUTER NETWOR	<u>KING</u>		
NET 110-949	By Title	CAREER/TECH	
PHYSICAL EDUCATIO			
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
PEA 207	Tech of Prog. Resistance Training 2	KIN 2T**	1
	NO		
COACHING OFFICIATI			0
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 1
PEC 152 PEC 158	Technique and Theory of Coaching Football Technique and Theory of Coaching Football II	KIN 1T** KIN 1T**	1
	rechnique and rifeory of Coaching Football II		I

IOWA CENTRAL COM	MUNITY COLLEGE	IOWA STATE	
COURSE NUMBER		EQUIVALENT	CREDITS
COACHING OFFICIATI			
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 EDUCATIO	N TRAINING		
PET 105	Basic Athletic Training	A TR 1T**	3
PET 119	Intro to Biomechanics	KIN 1T**	3
PET 141	Athletic Training Field Experience	A TR 1T**	3
INTERCOLLEGIATE PH	IVSICAL 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
PEV 106	Varsity Sports Participation 2	ATH 101	1
PEV 156	Drill Team	DANCE 1T**	1
PEV 190	Varsity Spirit Squad	KIN 1T**	1
PEV 190 PEV 949	Dance Technique and Fundamentals	DANCE 2T**	1
	Dance rechnique and rundamentals	DANCE 21	I
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
1111 021	Tionolo Otady		10
PHYSICAL SCIENCE			
PHS 120	Exploring Physical Science	SCI 1T**	4
PHS 125	Physical Science	SCI 1T**	4
	,		
<u>PHOTOGRAPHY</u>			
PHT 106-948	By Title	CAREER/TECH	
PHYSICS			0
PHY 162	College Physics I	PHYS 131	3
DUN (170		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
		PHYS 231L	1
PHY 222	Classical Physics II	PHYS 232	4
		PHYS 232L	1
PHY 927	Honors Study	PHYS 2T**	1-4
PHY 948	Special Projects	PHYS 2T**	1-4
PHY 949	Special Topics	PHYS 2T**	1-4
PRACTICAL NURSING		A	
PNN 121-811	By Title	CAREER/TECH	

Based on the Iowa State 2021-2022 Catalog and Iowa Central CC 2021-22 Catalog

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IOWA CENTRAL COM	MUNITY COLLEGE	IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
POLITICAL SCIENCE POL 111	American National Government	POL S 215	3
POL 112	American State and Local Government	POL S 2T**	3
POL 121	International Relations	POL S 251	3
POL 121 POL 125	Comparative Government and Politics	POL S 251 POL S 1T**	3
POL 125 POL 927	Honors Study	POL S 11 POL S 2T**	1-3
POL 927	Honors Study	PUL 3 21	1-5
PSYCHOLOGY			
PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 112	Psychology of Human Relations	PSYCH 1T**	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 222	Child 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 333	3
PSY 927	Honors Project	PSYCH 2T**	1-3
PSY 949	Special Topics	PSYCH 2T**	2
F31 949	Special Topics	FSTGITZT	Z
RADIOLOGIC TECHNO	DLOGY		
RAD 122-946	By Title	CAREER/TECH	
READING			
RDG 010-048	By Title		No Credit
RECREATION & FACIL	ITIES MANAGEMENT		
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
	internetip	// 11(21	·
RELIGION			
REL 105	Introduction to Religion	RELIG 205	3
REL 927	Honors Study	RELIG 2T**	1-3
STUDENT DEVELOPM	ENT		
SDV 107		XXX 1T**	1
	Health Science College Experience	ORIEN 1T**	1
SDV 108	The College Experience		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

IOWA CENTRAL COMMUNITY COLLEGE		IOWA STATE	
COURSE NUMBER	COURSE TITLE	EQUIVALENT	CREDITS
SOCIAL MASS MEDIA			
SMM 110-910	By Title	CAREER/TECH	
SOCIOLOGY			
SOC 110	Introduction to Sociology	SOC 134	3
SOC 115	Social Problems	SOC 235	
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 3 3 3 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
SPEECH			
SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 112	Public Speaking	SP CM 212	
SPC 122	Interpersonal Communication	COMST 102	3 3 3 3
SPC 132	Group Communication	COMST 1T**	3
SPC 140	Oral Interpretation	THTRE 2T**	3
SPC 927	Honors Study	SP CM 2T**	1-3
<u>WELDING</u> WEL 102-949	By Title	CAREER/TECH	
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WORK BASED LEARNING			
WBL 100-309	By Title	CAREER/TECH	