

## ***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 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 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.

**ACCOUNTING**

ACC 102-111	By Title	CAREER/TECH	
ACC 142	Financial Accounting	ACCT 284	3
ACC 146	Managerial Accounting	ACCT 285	3
ACC 189	Introduction to Data Analytics for Accounting	CAREER/TECH	
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	

**ADMINISTRATIVE ASSISTANT**

ADM 105-941	By Title	CAREER/TECH	
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**ASSOCIATE DEGREE NURSING**

ADN 323-806	By Title	CAREER/TECH	
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**AGRICULTURE - AGRONOMY**

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

**AGRICULTURE - FARM MANAGEMENT - BUSINESS**

AGB 133	Introduction to Agricultural Business	ECON 2T**	3
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 - COMPREHENSIVE**

AGC 129-940	By Title	CAREER/TECH	
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**AGRICULTURE - EQUINE**

AGE 219	Equine Science	AN S 216	3
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**AGRICULTURE - 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	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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**AGRICULTURE - HORTICULTURE, 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 - MECHANICS**

AGM 101	Ag Diesel Tractor/Equipment Maintenance	CAREER/TECH	
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**AGRICULTURE - PRECISION AG**

AGP 330-336	By Title	CAREER/TECH	
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**AGRICULTURE - ANIMAL 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**	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
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**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 LANGUAGE**

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 AND ROBOTICS**

ATR 253-270	By Title	CAREER/TECH	
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**AUTOMOTIVE TECHNOLOGY**

AUT 108-949	By Title	CAREER/TECH	
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**AVIATION**

AVI 255	FAA Part 107 Remote Pilot	CAREER/TECH	
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**BUSINESS COMPUTER APPLICATIONS**

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	

**BIOLOGY**

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

*\*When BIO 112 and BIO 113 are both taken, the courses will transfer as BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), and BIOL 212L (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 168 <sup>1</sup>	Human Anatomy and Physiology I w/lab	BIOL 1T**	4
BIO 173 <sup>1</sup>	Human Anatomy and Physiology II w/lab	BIOL 1T**	4

*<sup>1</sup>When BIO 168 and BIO 173 are both taken, the courses will transfer as BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (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 TECHNOLOGY**

BPT 113-932	By Title	CAREER/TECH	
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**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 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	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
BUS 932	Internship	CAREER/TECH	2
BUS 949	Special Topics	BUSAD 2T**	3

**COMPUTER AIDED DRAFTING**

CAD 101-949	By Title	CAREER/TECH	
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**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
		CHEM 231L	1
CHM 132	Introduction to Organic and Biological Chemistry	CHEM 231	4
		CHEM 231L	1
CHM 165	General Chemistry I	CHEM 177	3
	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 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 PROGRAMMING**

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 and MAT 180 are both taken, the courses will transfer as ENGR 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 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**	1-3
CLS 949	Special Topics in Cultural Studies	HUM 2T**	3

**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

**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	
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**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 AND REFINISH**

CRR 104-949	By Title	CAREER/TECH	
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**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**

DHY 114-303	By Title	CAREER/TECH	
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**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	
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**EARLY CHILDHOOD EDUCATION**

ECE 103-262	By Title	CAREER/TECH	
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**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 TECHNOLOGY**

EGT 400-450	By Title	CAREER/TECH	
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**ELECTRICAL TECHNOLOGY**

ELE 104-949	By Title	CAREER/TECH	
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**EMERGENCY MEDICAL SERVICES**

EMS 113-825	By Title	CAREER/TECH	
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**ENGLISH COMPOSITION**

ENG 025-096	By Title		No Credit
ENG 105	Composition I	ENGL 150	3
	Composition I: Library	LIB 160	R
ENG 106	Composition II	ENGL 250	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

**ENVIRONMENTAL SCIENCE**

ENV 111	Environmental Science	ENV S 173	4
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**NON-INTENSIVE ESL**

ESL 265, 266*	English as a Second Language I, II	ENGL 101	4 each
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*\*Transfer credit in ENGL 101 does not count toward graduation.*

**FINANCE**

FIN 101-180	By Title	CAREER/TECH	
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**FIRE SCIENCE**

FIR 124-400	By Title	CAREER/TECH	
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**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

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**FOREIGN LANGUAGE - SPANISH, continued**

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	World Regional Geography	S SCI 1T**	3
GEO 927	Honors Study	S SCI 2T**	1-3

**GRAPHIC COMMUNICATIONS**

GRA 102-949	By Title	CAREER/TECH	
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**HEALTH CARE ADMINISTRATION**

HCA 151-161	By Title	CAREER/TECH	
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**HOSPITALITY, CULINARY ARTS AND MANAGEMENT**

HCM 108-949	By Title	CAREER/TECH	
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**HEATING AND AIR CONDITIONING**

HCR 102-932	By Title	CAREER/TECH	
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**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	
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**HUMAN SERVICES**

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

**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



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### INDUSTRIAL TECHNOLOGY

IND 108-949	By Title	CAREER/TECH	
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### 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

### LITERATURE

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
LIT 140	British Literature I	ENGL 225	3
LIT 141	British Literature II	ENGL 226	3
LIT 927	Honors Study	ENGL 2T**	1-3

### MEDICAL ASSISTANT

MAP 115-610	By Title	CAREER/TECH	
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### MATHEMATICS

MAT 023-088	By Title		No Credit
MAT 102*	Intermediate Algebra	MATH 100Z	4
<i>*Transfer credit in MATH 100Z does not count toward graduation.</i>			

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 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 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

### MANUFACTURING

MFG 238-949	By Title	CAREER/TECH	
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**MANAGEMENT**

MGT 101	Principles of Management	MGMT 2T**	3
MGT 260-280	By Title	CAREER/TECH	

**MARKETING**

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 LABORATORY TECHNOLOGY**

MLT 111-298	By Title	CAREER/TECH	
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**MASS MEDIA STUDIES**

MMS 101	Mass Media	JL MC 101	3
MMS 137-204	By Title	CAREER/TECH	
MMS 241	Public Relations and Marketing	P R 220	3

**MEDICAL TRANSCRIPTION**

MTR 120-941	By Title	CAREER/TECH	
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**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 1T**	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

**GENERAL MUSIC, continued**

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	Special Projects	MUSIC 2T**	1-4
MUS 949	Special Topics: Music	MUSIC 2T**	1-4

**COMPUTER NETWORKING**

NET 110-949	By Title	CAREER/TECH	
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**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
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 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 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

**INTERCOLLEGIATE 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

**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

**PHYSICAL SCIENCE**

PHS 120	Exploring Physical Science	SCI 1T**	4
PHS 125	Physical Science	SCI 1T**	4

**PHOTOGRAPHY**

PHT 106-948	By Title	CAREER/TECH	
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**PHYSICS**

PHY 162	College Physics I	PHYS 131	3
		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**	1-3

**PRACTICAL NURSING**

PNN 121-811	By Title	CAREER/TECH	
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**POLITICAL SCIENCE**

POL 111	American National Government	POL S 111	3
POL 112	American State and Local Government	POL S 2T**	3
POL 121	International Relations	POL S 121	3
POL 125	Comparative Government and Politics	POL S 125	3
POL 927	Honors Study	POL S 2T**	1-3

**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

**RADIOLOGIC TECHNOLOGY**

RAD 122-946	By Title	CAREER/TECH	
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**READING**

RDG 010-048	By Title		No Credit
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**RECREATION & FACILITIES 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

**RELIGION**

REL 105	Introduction to Religion	RELIG 205	3
REL 927	Honors Study	RELIG 2T**	1-3

**STUDENT DEVELOPMENT**

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

**SOCIAL MASS MEDIA**

SMM 110-910	By Title	CAREER/TECH	
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**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

**SPEECH**

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

**WELDING**

WEL 102-949      By Title

CAREER/TECH

**WORK BASED LEARNING**

WBL 100-309      By Title

CAREER/TECH