

Course Equivalency Guide

between

Iowa State University

515-294-5836

www.iastate.edu

and

Iowa Valley Community College District

www.ivalley.edu

Ellsworth

800-322-9235

Grinnell

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***Based on the Iowa Valley Community College District 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 111	Introduction to Accounting	ACCT 1T**	3
ACC 121	Principles of Accounting I	ACCT 284	3
ACC 122	Principles of Accounting II	ACCT 285	3
ACC 161	Payroll Accounting	ACCT 2T**	3
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 311	Computer Accounting	ACCT 2T**	3
ACC 907	Co-op Field Experience	ACCT 2T**	Variable
ACC 917	Experimental Course	ACCT 2T**	Variable
ACC 927	Honors Study	ACCT 2T**	Variable
ACC 929	Individual Projects	ACCT 2T**	Variable

ADMINISTRATIVE ASSISTANT

ADM 154-929	By Title	CAREER/TECH	
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ASSOCIATE DEGREE NURSING

ADN 114-917	By Title	CAREER/TECH	
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AGRICULTURE - AGRONOMY

AGA 114	Principles of Agronomy	AGRON 181	3
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 159	Livestock Nutrient Management	TSM 1T**	2
AGA 211	Grain and Forage Crops	AGRON 280	3
AGA 220	Perennial Crops	HORT 1T**	3
AGA 284	Pesticide Application Certification	ENT 283	3
AGA 290	Spring Field Operations	CAREER/TECH	
AGA 334	Forage Production	AGRON 1T**	3
AGA 378	Sustainable Pest Management	AGRON 1T**	3
AGA 450	Issues in Sustainable Agriculture	AGRON 1T**	3
AGA 455	Organic Crop Production	AGRON 1T**	3
AGA 460	Production Problem Solving	ECON 1T**	3
AGA 470	Safety in the Food Systems	TSM 1T**	3
AGA 917	Experimental Course	CAREER/TECH	

AGRICULTURE - FARM MANAGEMENT

AGB 212	Agriculture Law and Taxation	CAREER/TECH	
AGB 225	Farmstead Planning and Technology	TSM 1T**	3
AGB 235	Introduction to Agriculture Markets	ECON 235	3
AGB 330	Farm Business Management	ECON 230	3
AGB 331	Entrepreneurship in Agriculture	ECON 1T**	3
AGB 334	Applied Systems Thinking	ECON 1T**	3
AGB 336	Agricultural Selling	ECON 236	3
AGB 437	Commodity Marketing	ECON 235	3
AGB 933	Practicum/Apprenticeship	CAREER/TECH	

AGRICULTURE - COMPREHENSIVE

AGC 102	Computers in Agriculture	TSM 1T**	2
AGC 103	Ag Computers	CAREER/TECH	
AGC 216	Career Seminar	AGEDS 1T**	2
AGC 240-929	By Title	CAREER/TECH	

AGRICULTURE - EQUINE

AGE 115	Light Horse Management	AN S 216	2
AGE 121-140	By Title	CAREER/TECH	
AGE 145	Fundamentals of Riding	AN S 1T**	3
AGE 151	Equitation II	AN S 1T**	1
AGE 160	Instructing Horsemanship	AN S 1T**	2
AGE 165	Horse Husbandry	AN S 1T**	2
AGE 175	Equitation I	AN S 1T**	2
AGE 200	Stable Management	AN S 217	2
AGE 204	Equine Anatomy and Physiology	AN S 2T**	3
AGE 207	Introduction to Veterinary Tech	AN S 2T**	2
AGE 208	Breeding Management	AN S 2T**	3
AGE 214-215	By Title	CAREER/TECH	
AGE 220	Young Horse Care and Handling	AN S 2T**	2
AGE 225-227	Young Horse Training I, II, III	AN S 2T**	2 each
AGE 228	Equine Training Theory I	CAREER/TECH	
AGE 235-237	Advanced Horse Training I, II, III	AN S 2T**	2 each
AGE 245	Equine Driving Skills & Technology	AN S 2T**	2
AGE 260	Introduction to Farrier Science	AN S 2T**	1
AGE 272	Intercollegiate Horse Show Assoc.	AN S 2T**	1
AGE 907-945	By Title	CAREER/TECH	

AGRICULTURE - HORTICULTURE

AGH 265	Horticultural Crops	HORT 1T**	3
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AGRICULTURE - MECHANICS

AGM 110-414	By Title	CAREER/TECH	
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AGRICULTURE - PRECISION AG

AGP 333	Precision Farming Systems	TSM 2T**	3
AGP 435-917	By Title	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS 102	Working with Animals	AN S 101	1
AGS 113	Survey of the Animal Industry	AN S 114	3
AGS 218	Domestic Animal Physiology	AN S 214	3
		AN S 214L	1
AGS 225	Swine Science	AN S 225	3
AGS 226	Beef Cattle Science	AN S 226	3
AGS 242	Animal Health	AN S 2T**	3
AGS 270	Foods of Animal Origin	AN S 270	3
AGS 305	Livestock Evaluation	CAREER/TECH	
AGS 308	Livestock Management	AN S 1T**	3
AGS 319	Animal Nutrition	AN S 2T**	3
AGS 331	Animal Reproduction	AN S 2T**	3
AGS 505	Swine Unit Maintenance	CAREER/TECH	
AGS 510	Swine Confinement Systems	AN S 1T**	2
AGS 515-946	By Title	CAREER/TECH	

ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 201	3
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ART

ART 101	Art Appreciation	ART 1T**	3
ART 120	2-D Design	ART 1T**	3
ART 123	3-D Design	ART 1T**	3
ART 124	Computer Art	ART 1T**	3
ART 133	Drawing	ART 1T**	3
ART 134	Drawing II	ART 1T**	3
ART 135	Drawing III	ART 1T**	3
ART 143, 144	Painting I, II	ART 1T**	3 each
ART 163, 164	Sculpture I, II	ART 1T**	3 each
ART 173-175	Ceramics I-III	ART 1T**	3 each
ART 184, 185	Photography I, II	ART 1T**	3 each
ART 187	Creative Photography	ART 1T**	3
ART 203	Art History I	ART H 280	3
ART 204	Art History II	ART H 281	3
ART 907	Co-op Field Experience	ART 2T**	Variable
ART 917	Experimental Course	ART 2T**	Variable
ART 927	Honors Study	ART 2T**	Variable
ART 929	Individual Projects	ART 2T**	Variable

AMERICAN SIGN LANGUAGE

ASL 131	American Sign Language I	ASL 101	3
ASL 161	American Sign Language II	ASL 102	3
ASL 917	Experimental Course	ASL 2T**	Variable

AUTOMOTIVE TECHNOLOGY

AUT 115-917	By Title	CAREER/TECH
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BUSINESS COMPUTER APPLICATION

BCA 134-927	By Title	CAREER/TECH
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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

**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 132	Animal Care and Rehabilitation	A ECL 1T**	2
BIO 138	Field Ecology	BIOL 1T**	3
BIO 144	Field Biology: Spring Flowers	BIOL 1T**	1
BIO 145	Ecology of Iowa	BIOL 1T**	3
BIO 146	Genetics	BIOL 1T**	3
BIO 147	Genetics	BIOL 1T**	4
BIO 151	Nutrition	FS HN 167	3
BIO 156	Human Biology with Lab	BIOL 155	3
BIO 168 ¹	Human Anatomy and Physiology I	BIOL 1T**	4
BIO 171	IA Vertebrate Ecology I: Fish, Amphibians, Reptiles	A ECL 1T**	3
BIO 173 ¹	Human Anatomy and Physiology II	BIOL 1T**	4

¹When 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).

BIOLOGY, continued

BIO 186	Microbiology	MICRO 201	3
		MICRO 201L	1
BIO 271	IA Vertebrate Ecology II: Mammals and Birds	A ECL 2T**	3
BIO 532	Human Body: Health and Disease	H S 2T**	3
BIO 741-744	By Title	CAREER/TECH	
BIO 901	Introduction to Research in Biology	BIOL 2T**	1
BIO 907	Co-op Field Experience	BIOL 2T**	Variable
BIO 917	Experimental Course	BIOL 2T**	Variable
BIO 927	Honors Study	BIOL 2T**	Variable
BIO 929	Individual Projects	BIOL 2T**	Variable

BUSINESS

BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 120	Applied Systems Thinking	BUSAD 1T**	3
BUS 130	Introduction to Entrepreneurship	BUSAD 1T**	3
BUS 141	Small Business Startup	CAREER/TECH	
BUS 150	E-Commerce	MIS 2T**	3
BUS 161	Human Relations	CAREER/TECH	
BUS 182	Intro to Law	ACCT 215	3
BUS 185	Business Law I	ACCT 215	3
BUS 220	Intro to International Business	BUSAD 2T**	3
BUS 230	Quantitative Methods for Bus. Decisionmaking	MATH 150	3
BUS 235	Calculus for Business and Social Science	MATH 151	3
BUS 291	Employment Portfolio and Career Development	BUSAD 2T**	2
BUS 917	Experimental Course	BUSAD 2T**	Variable
BUS 927	Honors Study	BUSAD 2T**	Variable
BUS 929	Individual Projects	BUSAD 2T**	Variable
BUS 932	Internship	BUSAD 2T**	Variable

CHEMISTRY

CHM 103	Metallurgy	CAREER/TECH	
CHM 122	Introduction to General Chemistry	CHEM 163	3
		CHEM 163L	1
CHM 163	General Chemistry I	CHEM 177	3
CHM 165	General Chemistry I	CHEM 177	3
		CHEM 177L	1
CHM 166	General Chemistry I	CHEM 177	4
		CHEM 177L	1
CHM 173	General Chemistry II	CHEM 178	3
CHM 175	General Chemistry II	CHEM 178	3
		CHEM 178L	1
CHM 176	General Chemistry II	CHEM 178	4
		CHEM 178L	1
CHM 260	Organic Chemistry I	CHEM 331	3
CHM 261	Organic Chemistry I	CHEM 331	3
		CHEM 331L	1
CHM 263	Organic Chemistry I	CHEM 331	5
		CHEM 331L	
CHM 270	Organic Chemistry II	CHEM 332	3
CHM 271	Organic Chemistry II	CHEM 332	3
		CHEM 332L	1

CHEMISTRY, continued

CHM 273	Organic Chemistry II	CHEM 332	4
		CHEM 332L	1
CHM 290	Survey of Biochemistry	BBMB 2T**	3
CHM 917	Experimental Course	CHEM 2T**	Variable
CHM 927	Chemistry Honors Seminar	CHEM 2T**	1
CHM 929	Individual Projects	CHEM 2T**	Variable

COMPUTER PROGRAMMING

CIS 125	Intro to Programming Logic w/Language	COM S 1T**	3
CIS 161	C++	COM S 1T**	3
CIS 207	Fundamentals of Web Programming	COM S 2T**	3
CIS 281-450	By Title	CAREER/TECH	
CIS 917	Experimental Course	COM S 2T**	Variable
CIS 927	Honors Study	COM S 2T**	Variable
CIS 929	Individual Projects	COM S 2T**	Variable

CULTURAL STUDIES

CLS 150	Latin American History and Culture	LAS 1T**	3
CLS 201	Cultural Perspectives	LAS 2T**	1
CLS 917	Experimental Course	HUM 2T**	Variable
CLS 927	Honors Study	HUM 2T**	Variable

CONSERVATION TECHNOLOGY

CNS 140	Parks, Planning and Maintenance	KIN 1T**	3
CNS 150	Occupations in Conservation	AGRON 1T**	1
CNS 170	Wildland Firefighting	NREM 1T**	3
CNS 180	Principles of Interpretation	CAREER/TECH	
CNS 907	Co-op Field Experience	AGRON 2T**	Variable
CNS 917	Experimental Course	AGRON 2T**	Variable
CNS 929	Individual Projects	AGRON 2T**	Variable

COMMUNICATION

COM 148	Diversity and the Media	JL MC 1T**	3
COM 927	Honors Study	COMM 2T**	Variable

CONSTRUCTION

CON 105-929	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ 100	Intro to Criminal Justice	C J 240	3
CRJ 101	Ethics in Criminal Justice	C J 1T**	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 133	Constitutional Criminal Procedure	C J 1T**	3
CRJ 141	Criminal Investigation	C J 1T**	3
CRJ 200	Criminology	C J 242	3
CRJ 201	Juvenile Delinquency	SOC 241	3
CRJ 211	Multicultural Policing	C J 2T**	3
CRJ 251	Firearms	C J 2T**	3
CRJ 907	Co-op Field Experience	C J 2T**	3

CRIMINAL JUSTICE, continued

CRJ 917	Experimental Course	C J 2T**	Variable
CRJ 929	Individual Projects	C J 2T**	Variable

COMPUTER SCIENCE

CSC 110	Introduction to Computers	COM S 103	3
CSC 116	Information Computing	COM S 113	3
CSC 142	Computer Science	COM S 1T**	4
CSC 153	Data Structures	COM S 1T**	4
CSC 160	Software Design and Development	COM S 1T**	4
CSC 175	Computer Organization & Assembly Language Program	COM S 1T**	4
CSC 927	Honors Study	COM S 2T**	Variable

DENTAL ASSISTANT

DEA 103-702	By Title	CAREER/TECH	
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FILM AND THEATRE

DRA 102	Elements of Theatre	THTRE 106	3
DRA 110	Introduction to Film	ENGL 237	3
DRA 120	Introduction to Stage Management	THTRE 1T**	3
DRA 130	Acting I	THTRE 251	3
DRA 150	Play Production	THTRE 1T**	Variable
DRA 160	Production Studio	THTRE 1T**	Variable
DRA 164	Drafting Scenery	THTRE 1T**	3
DRA 165	Stagecraft	THTRE 255	3
DRA 169	Drafting Light Plots	THTRE 1T**	2
DRA 190	Lighting Design Technology I	THTRE 1T**	3
DRA 195	Scene Design Technology I	THTRE 1T**	3
DRA 917	Experimental Course	THTRE 2T**	Variable
DRA 929	Individual Projects	THTRE 2T**	Variable
DRA 932	Summer Repertory Internship	THTRE 2T**	3
DRA 953	Theater Practicum	THTRE 2T**	Variable

DIESEL

DSL 837	Commercial Driver's License & Tools	CAREER/TECH	
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EARLY CHILDHOOD EDUCATION

ECE 103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE 105	Technology in Early Childhood	EDUC 1T**	1
ECE 120	Communication With Families	HD FS 1T**	2
ECE 133	Child Health, Safety and Nutrition	HD FS 1T**	3
ECE 158	Early Childhood Curriculum I	EDUC 1T**	3
ECE 159	Early Childhood Curriculum II	EDUC 1T**	3
ECE 170	Child Growth and Development	HD FS 1T**	3
ECE 221	Infant/Toddler Care and Education	HD FS 2T**	3
ECE 243	Early Childhood Guidance	HD FS 1T**	3
ECE 274	Field Experience	EDUC 2T**	2
ECE 917	Experimental Course	HD FS 2T**	Variable

ECONOMICS

ECN 115	Personal Finance	HD FS 283	3
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3

ECONOMICS, continued

ECN 907	Co-op Field Experience	ECON 2T**	Variable
ECN 917	Experimental Course	ECON 2T**	Variable
ECN 929	Individual Projects	ECON 2T**	Variable

EDUCATION

EDU 110	Exploring Teaching	EDUC 1T**	3
EDU 119	Behavior Management	EDUC 1T**	3
EDU 160	Human Growth and Development	PSYCH 230	3
EDU 213	Introduction to Education	EDUC 204	3
EDU 223	Multicultural Education	EDUC 2T**	3
EDU 235	Children's Literature	HD FS 240	3
EDU 240	Educational Psychology	PSYCH 333	3
EDU 245	Exceptional Learner	SP ED 250	3
EDU 255	Technology in the Classroom	EDUC 201	3
EDU 260	Art for the Elementary Educator	ARTED 211	3
EDU 282	Field Experience: Exploring Teaching	EDUC 2T**	1
EDU 917	Experimental Course	EDUC 2T**	Variable
EDU 927	Honors Study	EDUC 2T**	Variable
EDU 929	Individual Projects	EDUC 2T**	Variable

ENGINEERING TECHNOLOGY

EGR 100	Engineering Orientation	ENGR 1T**	1
EGR 152	Engineering MATLAB	ENGR 1T**	2
EGR 161	Engineering Computations	ENGR 1T**	2
EGR 166	Engineering Graphics & Conceptual Design	ENGR 170	4
EGT 127	Statics and Strength	TSM 2T**	4
EGT 128	Statics	E M 274	3
EGT 141	Fluid Power	TSM 2T**	3
EGT 182-183	By Title	CAREER/TECH	
EGT 186	Engineering Problems with Programming	ENGR 160	3
EGT 192	Engineering Graphics and Design	ENGR 170	3
EGT 400-470	By Title	CAREER/TECH	
EGT 917	Experimental Course	ENGR 2T**	Variable
EGT 929	Individual Projects	ENGR 2T**	Variable

ELECTRICAL TECHNOLOGY

ELE 151-917	By Title	CAREER/TECH	
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ELECTRONICS

ELT 111-815	By Title	CAREER/TECH	
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ENGLISH COMPOSITION

ENG 017-074	By Title		No Credit
ENG 105	Composition I	ENGL 150	3
ENG 106	Composition II	ENGL 250	3
ENG 109	Integrated Composition	ENGL 1T**	Variable
ENG 111	Technical Writing	ENGL 2T**	3
ENG 221	Creative Writing	ENGL 207	3
ENG 917	Experimental Course	ENGL 2T**	Variable
ENG 927	Honors Study	ENGL 2T**	Variable
ENG 929	Individual Projects	ENGL 2T**	Variable

ENVIRONMENTAL SCIENCE

ENV 120	Environmental Biology	BIOL 173	3
ENV 121	Environmental Biology Lab	BIOL 1T**	1
ENV 122	Environmental Biology	BIOL 1T**	4
ENV 145	Conservation Biology	BIOL 1T**	4
ENV 917	Experimental Course	BIOL 2T**	Variable
ENV 927	Honors Study	BIOL 2T**	Variable

NON-INTENSIVE ESL

ESL 003-917	By Title		No Credit
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eSPORTS PROGRAM MANAGEMENT

ESP 100-932	By Title	CAREER/TECH	
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FINANCE

FIN 101	Principles of Banking	FIN 1T**	3
FIN 180	Introduction to Investments	FIN 1T**	3
FIN 917	Experimental Course	BUSAD 2T**	Variable
FIN 929	Individual Projects	BUSAD 2T**	Variable

FOREIGN LANGUAGE - GERMAN

FLG 141	Elementary German I	GER 101	4
FLG 142	Elementary German II	GER 102	4

FOREIGN LANGUAGE - RUSSIAN

FLR 917	Experimental Course	RUS 2T**	Variable
FLR 929	Individual Projects	RUS 2T**	Variable

FOREIGN LANGUAGE - SPANISH

FLS 30	Occupational Spanish: Swine Management	CAREER/TECH	
FLS 128	Conversational Spanish		No Credit
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 917	Experimental Course	SPAN 2T**	Variable
FLS 929	Individual Projects	SPAN 2T**	Variable

GEOGRAPHY

GEO 121	World Regional Geography	S SCI 1T**	3
GEO 917	Experimental Course	S SCI 2T**	Variable
GEO 929	Individual Projects	S SCI 2T**	Variable

GEOGRAPHIC INFORMATION SYSTEMS

GIS 111	Introduction to Geographic Information Systems	ENSCI 1T**	3
GIS 128	Intro to UAV Systems and Flights	CAREER/TECH	
GIS 130	Remote Sensing	ENSCI 1T**	3

GEOGRAPHIC INFORMATION SYSTEMS, continued

GIS 213	Intermediate GIS	ENSCI 2T**	4
GIS 917	Experimental Course	ENSCI 2T**	Variable

GRAPHIC COMMUNICATIONS

GRA 110-933 By Title CAREER/TECH

GUNSMITH

GUS 102-932 By Title CAREER/TECH

HOSPITALITY, CULINARY & MANAGEMENT

HCM 100-511 By Title CAREER/TECH

HEATING AND AIR CONDITIONING

HCR 101 Basic Heat/Air Conditioning & Refrigeration 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 142	Middle Eastern Studies	HIST 1T**	3
HIS 145	Modern East Asian Cultures	HIST 1T**	3
HIS 151	U.S. History to 1877	HIST 221	3
HIS 152	U.S. History since 1877	HIST 222	3
HIS 214	Russian History and Culture	HIST 2T**	3
HIS 254	American Indian History	HIST 2T**	3
HIS 257	African American History	HIST 2T**	3
HIS 917	Experimental Course	HIST 2T**	Variable
HIS 927	Honors Study	HIST 2T**	Variable
HIS 929	Individual Projects	HIST 2T**	Variable

HEALTH SCIENCES

HSC 110-929 By Title CAREER/TECH

HUMANITIES

HUM 118	Humanities: Experience & Expression	HUM 1T**	Variable
HUM 287	Leadership Development Studies	LD ST 2T**	3
HUM 917	Experimental Course	HUM 2T**	Variable
HUM 927	Honors Study	HUM 2T**	Variable

INDUSTRIAL TECHNOLOGY

IND 105-917 By Title CAREER/TECH

JOURNALISM

JOU 110	Introduction to Mass Media	JL MC 101	3
JOU 115	Fundamentals of Journalism	JL MC 1T**	3
JOU 120	Beginning News Writing	JL MC 1T**	3
JOU 146	Publications Staff	JL MC 1T**	1
JOU 917	Experimental Course	JL MC 2T**	Variable
JOU 929	Individual Projects	JL MC 2T**	Variable

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 120	American Novel	ENGL 2T**	3
LIT 136	Diverse Voices in American Literature	ENGL 1T**	3
LIT 150	World Literature I	ENGL 2T**	3

LITERATURE, continued

LIT 151	World Literature II	ENGL 2T**	3
LIT 164	Modern Short Novel	ENGL 2T**	3
LIT 180	Mythology	ENGL 2T**	3
LIT 188	Detective Fiction	ENGL 2T**	3
LIT 199	Literature of the Fantastic	ENGL 2T**	3
LIT 917	Experimental Course	ENGL 2T**	Variable
LIT 927	Honors Study	ENGL 2T**	Variable
LIT 929	Individual Projects	ENGL 2T**	Variable

MEDICAL ASSISTANT

MAP 111-917	By Title	CAREER/TECH	
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MATHEMATICS

MAT 005-046	By Title		No Credit
MAT 052	Pre-Algebra	MATH 25	No Credit
MAT 062	Elementary Algebra	MATH 25	No Credit
MAT 074-098	By Title		No Credit
MAT 110	Math for Liberal Arts	MATH 105	3
MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 121	College Algebra	MATH 140	4
MAT 128	Precalculus	MATH 1T**	4
MAT 129	Precalculus	MATH 143	5
MAT 132	Algebra, Geometry and Trigonometry	MATH 1T**	4
MAT 140	Finite Math	MATH 150	3
MAT 150	Discrete Math		3
MAT 156	Statistics	STAT 104	3
MAT 158	Statistics II	STAT 1T**	3
MAT 165	Business Calculus	MATH 151	3
MAT 210	Calculus I	MATH 165	4
MAT 216	Calculus II	MATH 166	4
MAT 219	Calculus III	MATH 265	4
MAT 267	Differential Equations	MATH 267	4
MAT 743-791	By Title	CAREER/TECH	
MAT 917	Experimental Course	BY REVIEW	Variable
MAT 927	Honors Study	MATH 2T**	Variable

MANUFACTURING

MFG 101-917	By Title	CAREER/TECH	
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MANAGEMENT

MGT 101	Principles of Management	MGMT 2T**	3
MGT 130	Principles of Supervision	MGMT 2T**	3

MARKETING

MKT 110	Principles of Marketing	MKT 2T**	3
MKT 140	Principles of Selling	MKT 2T**	3
MKT 150	Principles of Advertising	ADVRT 2T**	3
MKT 160	Principles of Retailing	MKT 2T**	3
MKT 181-945	By Title	CAREER/TECH	

MASS MEDIA STUDIES

MMS 105-932	By Title	CAREER/TECH	
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MUSIC - APPLIED

MUA 101	Applied Voice	MUSIC 1T**	1
MUA 120	Applied Piano	MUSIC 1T**	1

GENERAL MUSIC

MUS 100	Music Appreciation	MUSIC 102	3
MUS 140	Concert Choir	MUSIC 1T**	1
MUS 145	Concert Band	MUSIC 1T**	1
MUS 148	College Community Band	MUSIC 1T**	1
MUS 149	Pep Band	MUSIC 1T**	1
MUS 152	Vocal Ensemble	MUSIC 1T**	1
MUS 162	Instrumental Ensembles	MUSIC 1T**	1
MUS 205	Jazz History and Appreciation	MUSIC 2T**	3
MUS 907	Co-op Field Experience	MUSIC 2T**	Variable
MUS 917	Experimental Course	MUSIC 2T**	Variable
MUS 929	Individual Projects	MUSIC 2T**	Variable

COMPUTER NETWORKING

NET 123-929	By Title		
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CAREER/TECH

PHYSICAL EDUCATION ACTIVITIES

PEA 102	Aerobic Fitness I	KIN 1T**	1
PEA 117	Bowling I	KIN 129	1
PEA 118	Bowling/Golf I	KIN 1T**	1
PEA 134	Golf I	KIN 135	1
PEA 138	Lifeguard Training I	KIN 1T**	1
PEA 146	Physical Fitness I	KIN 163	1
PEA 151	Racquet Sports I	KIN 1T**	1
PEA 154	Racquetball I	KIN 144	1
PEA 160	Soccer I	KIN 185	1
PEA 174	Tennis I	KIN 158	1
PEA 181	Water Safety Instruction I	KIN 2T**	1
PEA 183	Water Safety Instruction/Lifeguarding	KIN 2T**	2
PEA 187	Weight Training I	KIN 166	1
PEA 190	Yoga/Stretching I	KIN 1T**	1
PEA 917	Experimental Course	KIN 2T**	Variable

COACHING OFFICIATING

PEC 102	Coaching Authorization	KIN 1T**	5
PEC 109	Coaching Ethics, Techniques & Theory	KIN 1T**	1.5
PEC 115	Athletic Development and Human Growth	KIN 1T**	1
PEC 120	Body Structure and Function	KIN 1T**	1
PEC 130	Care and Prevention of Athletic Injuries	A TR 220	1.5
PEC 151	Theory of Coaching Soccer	KIN 1T**	2
PEC 180	Sports Officiating: Football, Wrestling, Volleyball	KIN 1T**	2
PEC 182	Sports Officiating: Basketball, Softball, Baseball	KIN 1T**	2
PEC 917	Experimental Course	KIN 2T**	Variable

GENERAL PHYSICAL EDUCATION AND HEALTH

PEH 102	Health	H S 110	3
PEH 110	Personal Wellness	KIN 1T**	2
PEH 142	First Aid	H S 105	3
PEH 150	Basic Cardiac Life Support	H S 1T**	1

GENERAL PHYSICAL EDUCATION AND HEALTH, continued

PEH 161	Introduction to Physical Education	KIN 1T**	2
PEH 175	Sports Psychology	KIN 1T**	2
PEH 210	Elementary Physical Education	KIN 284	3
PEH 220	Lifestyle Management	KIN 2T**	1
PEH 250	Swimming Pool Management	KIN 2T**	1
PEH 254	Sports Marketing	KIN 2T**	3
PEH 255	Principles of Sports Management	KIN 2T**	3
PEH 256	Current Issues in Sports Management	KIN 2T**	3
PEH 260	Recreational Leadership	KIN 2T**	3
PEH 917	Experimental Course	KIN 2T**	Variable
PEH 929	Individual Projects	KIN 2T**	Variable
PEH 932	Internship	KIN 2T**	3

PHYSICAL EDUCATION TRAINING

PET 105	Basic Athletic Training	A TR 220	3
PET 115	Introduction to Taping	A TR 1T**	2
PET 140, 150	Athletic Training Practicum I, II	A TR 1T**	1 each
PET 143	Athletic Training Practicum	A TR 1T**	1-3
PET 170, 180	Athletic Training Practicum III, IV	A TR 1T**	3 each
PET 189, 191	Advanced Athletic Training I, II	A TR 1T**	3 each
PET 917	Experimental Course	A TR 2T**	Variable

INTERCOLLEGIATE PHYSICAL EDUCATION

PEV 115	Varsity Baseball	ATH 101	1
PEV 120	Varsity Basketball	ATH 101B	1
PEV 130	Varsity Cross Country	ATH 101	1
PEV 135	Varsity Football	ATH 101F	1
PEV 140	Varsity Golf	ATH 101G	1
PEV 150	Varsity Soccer	ATH 101	1
PEV 156	Drill Team	KIN 1T**	1
PEV 160	Varsity Softball	ATH 101K	1
PEV 170	Varsity Volleyball	ATH 101R	1
PEV 180	Varsity Wrestling	ATH 101S	1
PEV 190	Varsity Spirit Squad	KIN 1T**	1

PHILOSOPHY

PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHI 917	Experimental Course	PHIL 2T**	Variable
PHI 927	Honors Study	PHIL 2T**	Variable

PHYSICAL SCIENCE

PHS 120	Exploring Physical Science	SCI 1T**	4
PHS 142	Principles of Astronomy	ASTRO 120	3
PHS 917	Experimental Course	SCI 2T**	Variable
PHS 929	Individual Projects	SCI 2T**	Variable

COMMERCIAL PHOTOGRAPHY

PHT 929	Individual Projects	JL MC 2T**	Variable
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PHYSICS

PHY 106	Survey of Physics	PHYS 1T**	4
PHY 121	Elements of Physics	PHYS 1T**	4

PHYSICS, continued

PHY 162	College Physics I	PHYS 131	3
		PHYS 131L	1
PHY 172	College Physics II	PHYS 132	3
		PHYS 132L	1
PHY 212	Classical Physics I	PHYS 231L	4
		PHYS 231L	1
PHY 222	Classical Physics II	PHYS 232	4
		PHYS 232L	1
PHY 917	Experimental Course	PHYS 2T**	Variable
PHY 927	Honors Study	PHYS 2T**	Variable
PHY 929	Individual Projects	PHYS 2T**	Variable

PRACTICAL NURSING

PNN 110-917	By Title		CAREER/TECH
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POLITICAL SCIENCE

POL 111	American National Government	POL S 111	3
POL 121	International Relations	POL S 121	3
POL 125	Comparative Government and Politics	POL S 125	3
POL 907	Co-op Field Experience	POL S 2T**	Variable
POL 917	Experimental Course	POL S 2T**	Variable
POL 927	Honors Study	POL S 2T**	Variable
POL 929	Individual Projects	POL S 2T**	Variable

PSYCHOLOGY

PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 171	Health Psychology	PSYCH 1T**	3
PSY 224	Adolescent Psychology	PSYCH 2T**	3
PSY 241	Abnormal Psychology	PSYCH 2T**	3
PSY 242	Addictions	PSYCH 2T**	3
PSY 251	Social Psychology	PSYCH 280	3
PSY 261	Human Sexuality	HD FS 276	3
PSY 917	Experimental Course	PSYCH 2T**	Variable
PSY 920	Field Experience	PSYCH 2T**	Variable
PSY 927	Honors Study	PSYCH 2T**	Variable
PSY 929	Individual Projects	PSYCH 2T**	Variable
PSY 941	Practicum	PSYCH 2T**	Variable

READING

RDG 036-929	By Title		No Credit
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RELIGION

REL 101	Survey of World Religions	RELIG 205	3
REL 917	Experimental Course	RELIG 2T**	Variable
REL 927	Honors Study	RELIG 2T**	Variable

STUDENT DEVELOPMENT

SDV 022	Study Strategies		No Credit
SDV 108	The College Experience	ORIEN 1T**	1
SDV 111	Success Seminar	PSYCH 131	1
SDV 113	Strategies for Academic Success	PSYCH 131	2

STUDENT DEVELOPMENT, continued

SDV 135	Job Seeking Skills	CAREER/TECH	
SDV 182	Human Potential Seminar	SOC 1T**	2
SDV 194	Team Building	COMST 1T**	2
SDV 208	College Experience for International Students	ORIEN 2T**	1
SDV 917	Experimental Course	XXX 2T**	Variable
SDV 927	Honors Study	XXX 2T**	Variable
SDV 929	Individual Projects	LAS 2T**	Variable

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 210	Men, Women and Society	SOC 2T**	3
SOC 917	Experimental Course	SOC 2T**	Variable
SOC 927	Honors Study	SOC 2T**	Variable
SOC 929	Individual Projects	SOC 2T**	Variable
SOC 947	Practicum - Social Work	SOC 2T**	1

SPEECH

SPC 112	Public Speaking	SP CM 212	3
SPC 120	Intercultural Communications	COMST 1T**	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 917	Experimental Course	SP CM 2T**	Variable
SPC 929	Individual Projects	SP CM 2T**	Variable

WORK-BASED LEARNING

WBL 100-308	By Title	CAREER/TECH	
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WELDING

WEL 116-917	By Title	CAREER/TECH	
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