

Course Equivalency Guide

between

Iowa State University
515-294-5836
www.iastate.edu

and

Southwestern Community College
800-247-4023
www.swcciowa.edu

***Based on the Southwestern Community College 2024-2025 General Catalog and the
2024-2025 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 1000 T or 2000T. This shows that it does transfer as either a freshman (1000 T) or sophomore (2000 T) 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 1000 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.

SOUTHWESTERN COMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
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ACCOUNTING

ACC 111	Introduction to Accounting	ACCT 1000 T	3
ACC 121	Principles of Accounting I	ACCT 2840	3
ACC 131	Principles of Accounting I	ACCT 2840	4
ACC 132	Principles of Accounting II	ACCT 2850	4
ACC 142	Financial Accounting	ACCT 2840	3
ACC 146	Managerial Accounting	ACCT 2850	3
ACC 161	Payroll Accounting	ACCT 1000 T	3
ACC 211	Intermediate Accounting I	ACCT 2000 T	3
ACC 221	Cost Accounting	ACCT 2000 T	3
ACC 231	Intermediate Accounting I	ACCT 2000 T	4
ACC 232	Intermediate Accounting II	ACCT 2000 T	4
ACC 237	Intermediate Accounting	ACCT 2000 T	4
ACC 261	Income Tax Accounting	ACCT 2000 T	3
ACC 265	Income Tax Accounting	ACCT 2000 T	4
ACC 311	Computer Accounting	ACCT 2000 T	3
ACC 332	Computer Accounting - QuickBooks I	CAREER/TECH	
ACC 928	Independent Study	ACCT 2000 T	1-3
ACC 949	Special Topics	ACCT 2000 T	1-3

ADMINISTRATIVE ASSISTANT

ADM 112-188	By Title	CAREER/TECH	
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ASSOCIATE DEGREE NURSING

ADN 231-831	By Title	CAREER/TECH	
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AGRICULTURE - AGRONOMY

AGA 114	Principles of Agronomy	AGRON 1810	3
AGA 154	Fundamentals of Soil Science	AGRON 1820	3
AGA 158	Soil Fertility	AGRON 1000 T	3
AGA 181	Introduction to Crop Science	AGRON 1810	3
AGA 182	Introduction to Soil Science	AGRON 1820	3
AGA 212	Grain and Forage Crops	AGRON 2800	4
AGA 376	Integrated Pest Management	AGRON 1000 T	3
AGA 390	Introduction to Renewable Resources	AGRON 1200	3
AGA 928	Independent Study	AGRON 2000 T	1-3
AGA 949	Special Topics	CAREER/TECH	

AGRICULTURE - FARM MANAGEMENT

AGB 210	Agricultural Law	ECON 2000 T	2
AGB 235	Introduction to Agriculture Markets	ECON 2350	3
AGB 326	Farm Records Accounts and Analysis	ECON 1000 T	3
AGB 330	Farm Business Management	ECON 2300	3
AGB 336	Agricultural Selling	ECON 2360	3
AGB 437	Commodity Marketing	ECON 2350	3
AGB 451	Ag Law	AGEDS 2000 T	3
AGB 466	Agricultural Finance	ECON 1000 T	3
AGB 928	Independent Study	ECON 2000 T	1-3
AGB 932	Internship	ECON 2970	3
AGB 949	Special Topics	CAREER/TECH	

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AGRICULTURE - COMPREHENSIVE

AGC 216	Career Seminar	AGEDS 2000 T	2
AGC 315	Leadership in Agriculture	AGEDS 1000 T	3
AGC 403	Sustainable Agriculture	AGRON 2000 T	2
AGC 420	Issues in Agriculture	SOC 2200	3
AGC 908-909	Agriculture Lab I, II	CAREER/TECH	
AGC 928	Independent Study	TSM 2000 T	1-3
AGC 949	Special Topics	CAREER/TECH	

AGRICULTURE - HORTICULTURE

AGH 131	Greenhouse Mangement	HORT 1000 T	3
AGH 221	Principles of Horticulture	HORT 2210	3
AGH 284	Pesticide Application Certification	ENT 2830	3
AGH 928-949	By Title	CAREER/TECH	

AGRICULTURE - MECHANICS

AGM 154-949	By Title	CAREER/TECH	
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AGRICULTURE- PRECISION AG

AGP329	Introduction to GPS	TSM 2000 T	3
AGP333	Precision Farming Systems	TSM 2000 T	3
AGP 928-949	By Title	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS 112	Survey of the Animal Industry	ANS 1140	3
	Survey of the Animal Industry	ANS 1010	1
AGS 113	Survey of the Animal Industry	ANS 1140	3
AGS 216	Equine Science	ANS 2160	3
AGS 225	Swine Science	ANS 2250	3
AGS 226	Beef Cattle Science	ANS 2260	3
AGS 242	Animal Health	ANS 2000 T	3
AGS 270	Foods of Animal Origin	ANS 2700	3
AGS 280	Livestock Merchandising	ANS 2000 T	3
AGS 305	Livestock Evaluation	ANS 2000 T	3
AGS 319-355	By Title	CAREER/TECH	
AGS 928	Independent Study	ANS 2000 T	1-3
AGS 949	Special Topics	CAREER/TECH	

ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 2010	3
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ART

ART 101	Art Appreciation	ART 1000 T	3
ART 102	Art for Elementary Education	ARTED 2110	3
ART 110	Contemporary Art and Issues	ART 1000 T	3
ART 117	Computer Graphic Design	ART 1000 T	3
ART 120	2-D Design	ART 1000 T	3
ART 123	3-D Design	ART 1000 T	3
ART 124	Computer Art	ART 1000 T	3
ART 130	Introduction to Computer Animation	ART 1000 T	3
ART 133-134	Drawing I, II	ART 1000 T	3 each
ART 143-144	Painting I, II	ART 1000 T	3 each
ART 145	Water Color	ART 1000 T	3

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ART, continued

ART 157	Printmaking	ART 1000 T	3
ART 161	Digital Art	ART 1000 T	3
ART 163	Sculpture	ART 1000 T	3
ART 173-174	Ceramics I, II	ART 1000 T	3 each
ART 186	Digital Photography	ART 1000 T	3
ART 198-199	Art Explorations I, II	ART 1000 T	1 each
ART 203	Art History I	ARTH 2800	3
ART 204	Art History II	ARTH 2810	3
ART 230	Principles of Art Education	ARTED 2110	3
ART 928	Independent Study	ART 2000 T	1-3
ART 949	Special Topics	ART 2000 T	1-3

AUTOMOTIVE TECHNOLOGY

AUT 104-870	By Title	CAREER/TECH	
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BUSINESS COMPUTER APPLICATION

BCA 129-147	By Title	CAREER/TECH	
BCA 152*	Comprehensive Spreadsheets	COMS 1000 T	3
BCA 167*	Comprehensive Databases	COMS 1000 T	3

**When BCA 152 and BCA 167 are both taken, the courses will transfer as COMS 1130 (3).*

BCA 214	Advanced Computer Business Applications	CAREER/TECH	
BCA 215	Computer Business Applications	COMS 2000 T	3
BCA 218-949	By Title	CAREER/TECH	

BIOLOGY

BIO 105	Introductory Biology (with lab)	BIOL 1010	4
BIO 112*	General Biology I	BIOL 2000 T	4
BIO 113*	General Biology II	BIOL 2000 T	4

**When BIO 112 and BIO 113 are both taken, the courses will transfer as BIOL 2110 (3), BIOL 2110L (1), BIOL 2120 (3), and BIOL 2120L (1).*

BIO 114*	General Biology IA (w lab)	BIOL 2000 T	4
BIO 115*	General Biology IIA (w lab)	BIOL 2000 T	4

**When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 2110 (3), BIOL 2110L (1), BIOL 2120 (3), and BIOL 2120L (1).*

BIO 125	Plant Biology	BIOL 1000 T	4
BIO 130	Animal Biology (with lab)	BIOL 1000 T	4
BIO 138	Field Ecology	BIOL 1000 T	3
BIO 146	Genetics	BIOL 1000 T	3
BIO 151	Nutrition	FSHN 1670	3
BIO 157	Human Biology (with lab)	BIOL 1550	4
BIO 162	Essentials of Anatomy and Physiology	BIOL 1550	3
BIO 163	Essentials of Anatomy and Physiology (w/lab)	BIOL 1550	4
BIO 168 ¹	Human Anatomy and Physiology I (w/lab)	BIOL 1000 T	4
BIO 173 ¹	Human Anatomy and Physiology II (w/lab)	BIOL 1000 T	4

¹When BIO 168 and BIO 173 are both taken, the courses will transfer as BIOL 2550 (3), BIOL 2550L (1), BIOL 2560 (3), and BIOL 2560L (1).

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BIOLOGY, continued

BIO 186	Microbiology (with lab)	MICRO 2010	3
		MICRO 2010L	1
BIO 928	Independent Study	BIOL 2000 T	1-3
BIO 949	Special Topics	BIOL 2000 T	1-3

BUILDING MAINTENANCE

BMA 101-105	By Title	CAREER/TECH	
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BUSINESS

BUS 102	Introduction to Business	BUSAD 1000 T	3
BUS 106	Employment Strategy	BUSAD 1000 T	2
BUS 110	Business Math and Calculators	CAREER/TECH	
BUS 121	Business Communications	ENGL 1000 T	3
BUS 130	Introduction to Entrepreneurship	MGMT 1000 T	3
BUS 150	E-commerce	MKT 2000 T	3
BUS 161	Human Relations	CAREER/TECH	
BUS 165	Introduction to Leadership	MGMT 1000 T	3
BUS 167	Leadership and Professionalism	BUSAD 1000 T	1
BUS 180	Business Ethics	BUSAD 1000 T	3
BUS 185	Business Law I	ACCT 2150	3
BUS 186	Business Law II	ACCT 2000 T	3
BUS 197	Leadership Development	BUSAD 1000 T	3
BUS 210	Business Statistics	STAT 1040	3
BUS 230	Quantitative Methods Business Decision Making	MATH 1500	3
BUS 238	Business Problem Solving	MGMT 2000 T	3
BUS 928	Independent Study	BUSAD 2000 T	1-3
BUS 932	Internship	BUSAD 2000 T	1-4
BUS 949	Special Topics	BUSAD 2000 T	1-3

COMPUTER AIDED DRAFTING

CAD 101	Introduction to CAD	CAREER/TECH	
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CHEMISTRY

CHM 110	Introduction to Chemistry	CHEM 50	No Credit
CHM 112	Introduction to Chemistry (w/lab)	CHEM 1600	4
CHM 122	Introduction to General Chemistry	CHEM 1630	3
	Introduction to General Chemistry Lab	CHEM 1630L	1
CHM 132	Introduction to Organic and Biochemistry	CHEM 1000 T	3
	Introduction to Organic and Biochemistry Lab	CHEM 1000 T	1
CHM 151	College Chemistry I	CHEM 1000 T	3
	College Chemistry I Lab	CHEM 1000 T	1
CHM 152	College Chemistry II	CHEM 1000 T	3
	College Chemistry II Lab	CHEM 1000 T	1
CHM 166	General Chemistry I	CHEM 1770	4
	General Chemistry I Lab	CHEM 1770L	1
CHM 176	General Chemistry II	CHEM 1780	4
	General Chemistry II Lab	CHEM 1780L	1
CHM 261	Organic Chemistry I	CHEM 3310	3
	Organic Chemistry I Lab	CHEM 3310L	1
CHM 271	Organic Chemistry II	CHEM 3320	3
	Organic Chemistry II Lab	CHEM 3320L	1

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CHEMISTRY, continued

CHM 928	Independent Study	CHEM 2000 T	1-3
CHM 949	Special Topics	CHEM 2000 T	1-3

COMPUTER PROGRAMMING

CIS 121	Introduction to Programming Logic	COMS 1000 T	3
CIS 152	Data Structures	COMS 2000 T	3
CIS 161	C++	COMS 2000 T	3
CIS 171	Java	COMS 2000 T	3
CIS 189	Python	COMS 1000 T	3
CIS 230-339	By Title	CAREER/TECH	
CIS 604	Visual Basic	COMS 1000 T	3
CIS 606	Visual Basic.Net I	COMS 1000 T	3
CIS 612	Advanced Visual Basic	COMS 1000 T	3
CIS 630	Introduction to Powershell	CAREER/TECH	
CIS 650	PC Operating Systems	COMS 2000 T	3
CIS 750	Project Management	COMS 2000 T	3
CIS 755	Management Information Systems	MIS 1000 T	3
CIS 928	Independent Study	COMS 2000 T	1-3
CIS 949	Special Topics	COMS 2000 T	1-3

CULTURAL STUDIES

CLS 150	Latin American History and Culture	HIST 2000 T	3
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COMMUNICATION

COM 140	Introduction to Mass Media	JLMC 1010	3
COM 724	Employment Communications	CAREER/TECH	
COM 928	Independent Study	COMTR 2000 T	1-3
COM 949	Special Topics	COMTR 2000 T	1-3

CONSTRUCTION

CON 115-425	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ 100	Introduction to Criminal Justice	CJ 2400	3
CRJ 101	Ethics in Criminal Justice	CJ 1000 T	3
CRJ 110	Patrol Procedures	CJ 1000 T	3
CRJ 111	Police and Society	CJ 1000 T	3
CRJ 118	Law Enforcement	CJ 1000 T	3
CRJ 120	Introduction to Corrections	CJ 1000 T	3
CRJ 128	Victimology	CJ 1000 T	3
CRJ 130	Criminal Law	CJ 1000 T	3
CRJ 132	Constitutional Law	CJ 1000 T	3
CRJ 133	Constitutional Criminal Procedure	CJ 1000 T	3
CRJ 141	Criminal Investigation	CJ 1000 T	3
CRJ 155	Introduction to Child Maltreatment and Advocacy	CJ 1000 T	3
CRJ 200	Criminology	CJ 2420	3
CRJ 201	Juvenile Delinquency	CJ 2410	3
CRJ 207	Drug Use and Abuse	HS 2000 T	3
CRJ 230	Evidence	CJ 2200	3
CRJ 928	Independent Study	CJ 2000 T	1-3
CRJ 932	Internship	CJ 2000 T	3
CRJ 949	Special Topics	CJ 2000 T	1-3

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COLLISION REPAIR/REFINISH

CRR 101-835 By Title CAREER/TECH

COMPUTER SCIENCE

CSC 107	Computer Literacy		No Credit
CSC 110	Introduction to Computers	COMS 1030	3
CSC 116	Information Computing	COMS 1130	3
CSC 135	Digital Communications	CAREER/TECH	
CSC 928	Independent Study	COMS 2000 T	1-3
CSC 949	Special Topics	COMS 2000 T	1-3

FILM AND THEATRE

DRA 101	Introduction to Theatre	THTRE 1060	3
DRA 110	Introduction to Film	ENGL 2370	3

DISABILITY SERVICES

DSV 160 Counseling Skills CAREER/TECH

EARLY CHILDHOOD EDUCATION

ECE 103	Introduction to Early Childhood Education	HDFS 1000 T	3
ECE 106	Child Development Associate Standards	HDFS 1000 T	1
ECE 133	Child Health, Safety, and Nutrition	HDFS 1000 T	3
ECE 158-159	Early Childhood Curriculum I, II	HDFS 1000 T	3 each
ECE 169	Arts and Music Activities for Young Children	HDFS 1000 T	3
ECE 170	Child Growth and Development	HDFS 1000 T	3
ECE 221	Infant/Toddler Care and Education	HDFS 2000 T	3
ECE 243	Early Childhood Guidance	HDFS 2000 T	3
ECE 262	Early Childhood Field Experience	HDFS 2000 T	3
ECE 287	Exceptional Learner	SPED 2500	3
ECE 290	Early Childhood Program Administration	HDFS 2000 T	3

ECONOMICS

ECN 110	Introduction to Economics	ECON 1000 T	3
ECN 115	Personal Finance	HDFS 2830	3
ECN 120	Principles of Macroeconomics	ECON 1020	3
ECN 130	Principles of Microeconomics	ECON 1010	3
ECN 928	Independent Study	ECON 2000 T	1-3
ECN 949	Special Topics	ECON 2000 T	1-3

EDUCATION

EDU 110	Exploring Teaching	EDUC 1000 T	3
EDU 128	Behavior Management & Instructional Strategies	EDUC 1000 T	3
EDU 151	Observation in Teaching I	EDUC 1000 T	1
EDU 152	Observation in Teaching II	EDUC 1000 T	1
EDU 153	Observation in Teaching III	EDUC 1000 T	1
EDU 165	Early Childhood: Pre-Kindergarten-Grade 3	EDUC 1000 T	3
EDU 170	Special Needs: Pre-Kindergarten-Grade 12	EDUC 1000 T	3
EDU 210	Foundations of Education	EDUC 2040	3
EDU 212	Educational Foundations	EDUC 2000 T	3
EDU 213	Introduction to Education	EDUC 2040	3
EDU 220	Human Relations for the Classroom Teacher	EDUC 2000 T	3
EDU 235	Children's Literature	HDFS 2400	3
EDU 240	Educational Psychology	PSYCH 3330	3

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EDUCATION, continued

EDU 245	Exceptional Learner	SPED 2500	3
EDU 255	Technology in the Classroom	EDUC 2010	3
EDU 928	Independent Study	EDUC 2000 T	1-3
EDU 949	Special Topics	EDUC 2000 T	1-3

ELECTRICAL TECHNOLOGY

ELE 110-932	By Title	CAREER/TECH	
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ELECTRONICS

ELT 160-793	By Title	CAREER/TECH	
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EMS

EMS 210	Emergency Medical Tech Basic	CAREER/TECH	
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ENGINEERING TECHNOLOGY

EGT 114	Introduction to Engineering Technology	CAREER/TECH	
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ENGLISH COMPOSITION

ENG 013-043	By Title		No Credit
ENG 101	Elements of Writing	ENGL 1000 T	3
ENG 105	Composition I	ENGL 1500	3
ENG 106	Composition II	ENGL 2500	3
ENG 109	Integrated Composition	ENGL 1000 T	1
ENG 111	Technical Writing	ENGL 1000 T	3
ENG 221	Creative Writing	ENGL 2070	3
ENG 238	Creative Writing: Non-Fiction	ENGL 2000 T	3
ENG 928	Independent Study	ENGL 2000 T	1-3
ENG 949	Special Topics	ENGL 2000 T	1-3

ENVIRONMENTAL SCIENCE

ENV 102	Introduction to Sustainability	ENSCI 1000 T	3
ENV 111	Environmental Science (w/lab)	BIOL 1730	4
ENV 145	Conservation Biology (w lab)	BIOL 1000 T	4
ENV 154	Introduction to Renewable Energy	ENVS 1000 T	3
ENV 928	Independent Study	ENVS 2000 T	1-3
ENV 949	Special Topics	ENVS 2000 T	1-3

NON-INTENSIVE ENGLISH AS A SECOND LANGUAGE

ESL 012	ESL Listening/Speaking		No Credit
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EXERCISE SCIENCE

EXS 101	Introduction to Exercise Science	KIN 1000 T	3
EXS 216	Foundations of Strength and Conditioning	KIN 2000 T	3

FINANCE

FIN 121	Personal Finance	HDFS 2830	3
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FOREIGN LANGUAGE - FRENCH

FLF 141	Elementary French I	FRNCH 1010	4
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FOREIGN LANGUAGE - SPANISH

FLS 141	Elementary Spanish I	SPAN 1010	4
FLS 142	Elementary Spanish II	SPAN 1020	4
FLS 231	Intermediate Spanish I	SPAN 2010	3
FLS 232	Intermediate Spanish II	SPAN 2020	3
FLS 242	Intermediate Spanish II	SPAN 2020	4

GEOGRAPHY

GEO 121	World Regional Geography	SSTR 1000 T	3
GEO 126	Cultural Geography	SSTR 1000 T	3

GLOBAL STUDIES

GLS 100	Contemporary World Issues	SSTR 1000 T	3
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GRAPHIC COMMUNICATIONS

GRA 112-949	By Title	CAREER/TECH	
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HISTORY

HIS 110	West Civilization: Ancient to Early Modern	HIST 2010	3
HIS 111	West Civilization: Early Modern to Present	HIST 2020	3
HIS 117	Western Civilization I: Ancient and Medieval	HIST 1000 T	3
HIS 118	Western Civilization II: Early Modern	HIST 1000 T	3
HIS 142	Middle Eastern Studies	HIST 1000 T	3
HIS 151	U.S. History to 1877	HIST 2210	3
HIS 152	U.S. History since 1877	HIST 2220	3
HIS 201	Iowa History	HIST 2000 T	3
HIS 211	Modern Asian History	HIST 2000 T	3
HIS 224	Nazi Germany	HIST 2000 T	3
HIS 231	Contemporary World Affairs	HIST 2000 T	3
HIS 253	American Indian History and Culture	HIST 2000 T	3
HIS 257	African American History	HIST 2000 T	3
HIS 266	The Civil War	HIST 2000 T	3
HIS 268	American Experience in Vietnam	HIST 2000 T	3
HIS 271	American Frontier History	HIST 2000 T	3
HIS 928	Independent Study	HIST 2000 T	1-3
HIS 949	Special Topics	HIST 2000 T	1-3

HEALTH INFORMATION TECHNOLOGY

HIT 170-485	By Title	CAREER/TECH	
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HONORS

HON 150	Honors Service Learning		1
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HEALTH SCIENCES

HSC 105-245	By Title	CAREER/TECH	
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HUMAN SERVICES

HSV 140	Social Work and Social Welfare	SOC 1000 T	3
HSV 293	Substance Abuse Treatment and Planning	HDFS 2000 T	3

HUMANITIES

HUM 101	Introduction to Humanities	HUMTR 1000 T	3
HUM 105	Working in America	HUMTR 1000 T	3

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HUMANITIES, Continued

HUM 110	Changes and Choices	HUMTR 1000 T	3
HUM 135	Humanities of the Early World	HUMTR 1000 T	3
HUM 136	Humanities of the Renaissance	HUMTR 1000 T	3
HUM 137	Humanities of the Modern World	HUMTR 1000 T	3
HUM 164	Non-Western Culture - Japan	HUMTR 1000 T	3
HUM 183	Living with Space, Time, and Technology	HUMTR 1000 T	3
HUM 220	Mythology	HUMTR 2000 T	3

INDUSTRIAL TECHNOLOGY

IND 114-931	By Title	CAREER/TECH	
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LITERATURE

LIT 101	Introduction to Literature	ENGL 2010	3
LIT 105	Children's Literature	HDFS 2400	3
LIT 110	American Literature to Mid-1800's	ENGL 2270	3
LIT 111	American Literature since Mid-1800's	ENGL 2280	3
LIT 130	African American Literature	ENGL 1000 T	3
LIT 135	Film as Literature	ENGL 1000 T	3
LIT 150	World Literature I	ENGL 1000 T	3
LIT 161	The Short Story	ENGL 2000 T	3
LIT 177	Dramatic Literature	ENGL 2000 T	3
LIT 178	Mythological and Biblical Literature	HUMTR 2000 T	3
LIT 180	Mythology	CLST 1000 T	3
LIT 184	Young Adult Literature	ENGL 2000 T	3
LIT 185	Contemporary Literature	ENGL 1000 T	3
LIT 210	The Graphic Novel	ENGL 2000 T	3
LIT 928	Independent Study	ENGL 2000 T	1-3
LIT 949	Special Topics	ENGL 2000 T	1-3

MATHEMATICS

MAT 041-083	By Title		No Credit
MAT 101	Intermediate Algebra	MATH 1000Z*	3
MAT 102	Intermediate Algebra	MATH 1000Z*	4

**Transfer credit in MATH 1000Z does not count toward graduation.*

MAT 104	Applied Math Topics	MATH 1000 T	3
MAT 105	Integrated Algebra	MATH 1000 T	1
MAT 110	Math for Liberal Arts	MATH 1050	3
MAT 111	Math for Liberal Arts	MATH 1000 T	4
MAT 117	Math for Elementary Teachers	MATH 1950	3
MAT 120	College Algebra	MATH 1400	3
MAT 121	College Algebra	MATH 1400	4
MAT 127	College Algebra and Trigonometry	MATH 1430	5
MAT 128	Precalculus	MATH 1430	4
MAT 134	Trigonometry and Analytic Geometry	MATH 1000 T	3
MAT 140	Finite Math	MATH 1500	3
MAT 156	Statistics	STAT 1040	3
MAT 165	Business Calculus	MATH 1510	3
MAT 201	Applied Calculus	MATH 1600	5
MAT 210	Calculus I	MATH 1650	4
MAT 211	Calculus I	MATH 1650	5
MAT 216	Calculus II	MATH 1660	4

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MATHEMATICS, continued

MAT 219	Calculus III	MATH 2650	4
MAT 225	Differential Equations	MATH 2660	3
MAT 227	Differential Equations with Laplace	MATH 2670	4
MAT 743	Technical Mathematics	CAREER/TECH	
MAT 772	Applied Math	MATH 2000 T	3
MAT 928	Independent Study	MATH 2000 T	1-3
MAT 949	Special Topics	MATH 2000 T	1-3

MANUFACTURING

MFG 102-516	By Title	CAREER/TECH	
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MANAGEMENT

MGT 101	Principles of Management	MGMT 1000 T	3
MGT 110	Small Business Management	MGMT 1000 T	3
MGT 130	Principles of Supervision	MGMT 1000 T	3
MGT 170	Human Resource Management	MGMT 1000 T	3
MGT 928	Independent Study	MGMT 2000 T	1-3
MGT 949	Special Topics	MGMT 2000 T	1-3

MARKETING

MKT 110	Principles of Marketing	MKT 2000 T	3
MKT 121	Digital Marketing	MKT 1000 T	3
MKT 150	Principles of Advertising	ADVRT 1000 T	3
MKT 928	Independent Study	MKT 2000 T	1-3
MKT 949	Special Topics	MKT 2000 T	1-3

MASS MEDIA STUDY

MMS 101	Mass Media	JLMC 1010	3
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MEDICAL ASSISTANT

MAP 402	Medical Law and Ethics	CAREER/TECH	
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MUSIC - APPLIED

MUA 101	Applied Voice	MUSIC 1000 T	1
MUA 102	Applied Voice II	MUSIC 1000 T	1
MUA 113	Vocal Improvisation	MUSIC 1000 T	1
MUA 115	Vocal Jazz Workshop	MUSIC 1000 T	1-3
MUA 116	Applied Jazz Voice	MUSIC 1000 T	1
MUA 117	Applied Jazz Voice II	MUSIC 1000 T	1
MUA 120	Applied Piano I	MUSIC 1000 T	1
MUA 124	Applied Guitar	MUSIC 1000 T	1
MUA 126	Applied Strings	MUSIC 1000 T	1
MUA 128	Applied String Bass	MUSIC 1000 T	1
MUA 134	Applied Songwriting	MUSIC 1000 T	1
MUA 136-137	Jazz Keyboard I, II	MUSIC 1000 T	2 each
MUA 138	Applied Jazz Piano	MUSIC 1000 T	1
MUA 139	Solo Jazz Performance and Literature I	MUSIC 1000 T	1
MUA 143	Applied Brass	MUSIC 1000 T	1
MUA 144	Applied Brass II	MUSIC 1000 T	1
MUA 148	Applied Songwriting II	MUSIC 1000 T	1
MUA 170	Applied Woodwinds	MUSIC 1000 T	1
MUA 171	Applied Woodwinds II	MUSIC 1000 T	1

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MUSIC - APPLIED, continued

MUA 180	Applied Percussion	MUSIC 1000 T	1
MUA 208	Applied Strings II	MUSIC 2000 T	1
MUA 218	Applied Piano Tuning	MUSIC 2000 T	1
MUA 220	Applied Piano II	MUSIC 2000 T	1
MUA 226	Applied Piano Tuning II	MUSIC 2000 T	1
MUA 228	Applied String Bass II	MUSIC 2000 T	1
MUA 236-237	Jazz Keyboard III, IV	MUSIC 2000 T	2 each
MUA 238	Applied Jazz Piano II	MUSIC 2000 T	1
MUA 239	Solo Jazz Performance and Literature II	MUSIC 2000 T	1
MUA 298	Applied Guitar II	MUSIC 2000 T	1
MUA 494	Applied Music Production and Engineering	MUSIC 2000 T	1
MUA 495	Applied Music Production and Engineering II	MUSIC 2000 T	1
MUA 496	Applied Music Composition	MUSIC 2000 T	1
MUA 497	Applied Music Composition II	MUSIC 2000 T	1
MUA 928	Independent Study	MUSIC 2000 T	1-3
MUA 949	Special Topics	MUSIC 2000 T	1-3

MUSIC - GENERAL

MUS 100	Music Appreciation	MUSIC 1020	3
MUS 102	Music Fundamentals I	MUSIC 1010	3
MUS 103	Music Fundamentals II	MUSIC 1000 T	3
MUS 120	Music Theory I	MUSIC 1000 T	3
MUS 121	Music Theory II	MUSIC 2240	3
MUS 130-131	Aural Skills I, II	MUSIC 1000 T	2 each
MUS 140-141	Concert Choir I, II	MUSIC 1000 T	1 each
MUS 145	Concert Band	MUSIC 1000 T	1
MUS 157	Vocal Jazz Ensemble	MUSIC 1000 T	1
MUS 163	Instrumental Jazz Ensemble	MUSIC 1000 T	1
MUS 170	Jazz Band	MUSIC 1000 T	1
MUS 180-181	Arranging I, II	MUSIC 1000 T	2 each
MUS 182	Instrumental Jazz Ensemble II	MUSIC 1000 T	1
MUS 190	Jazz Improvisation	MUSIC 1000 T	1
MUS 192	Improvisation II	MUSIC 1000 T	1
MUS 194	Fundamentals of Recital	MUSIC 1000 T	1
MUS 195	Freshman Recital	MUSIC 1000 T	1
MUS 196	Fundamentals Final Project	MUSIC 1000 T	1
MUS 197	Final Project I	MUSIC 1000 T	1
MUS 198	Success in Music	PSYCH 1310	1
MUS 200-201	Music History I, II	MUSIC 2000 T	3 each
MUS 204	History of Rock and Roll	MUSIC 2000 T	3
MUS 205	Jazz History and Appreciation	MUSIC 2000 T	3
MUS 220-221	Music Theory III, IV	MUSIC 2000 T	3 each
MUS 227	Vocal Jazz Ensemble II	MUSIC 2000 T	1
MUS 230	Fundamental Skill Development	MUSIC 2000 T	2
MUS 260	Introduction to Studio Engineering & Production	MUSIC 2000 T	2
MUS 262	Recording Studio Performance	MUSIC 2000 T	2
MUS 280-281	Arranging III, IV	MUSIC 2000 T	2 each
MUS 290	Fundamentals of Conducting	MUSIC 2000 T	2
MUS 295	Sophomore Recital	MUSIC 2000 T	1
MUS 296	Final Project II	MUSIC 2000 T	1
MUS 297	Music Business	MUSIC 2000 T	1
MUS 303	Introduction to Studio Engineering Technology	MUSIC 1000 T	2

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MUSIC - GENERAL, continued

MUS 304	Advanced Studio Engineering Technology	MUSIC 2000 T	2
MUS 308	Live Sound Engineering	MUSIC 2000 T	1
MUS 324	Fundamental Skills Development II	MUSIC 2000 T	2
MUS 928	Independent Study	MUSIC 2000 T	1-3
MUS 949	Special Topics	MUSIC 2000 T	1-3

COMPUTER NETWORKING

NET 121-731	By Title	CAREER/TECH	
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PHYSICAL EDUCATION ACTIVITIES

PEA 112	Basketball	KIN 1000 T	1
PEA 121	Circuit Wellness	KIN 1000 T	1
PEA 131	Disc Golf	KIN 1000 T	1
PEA 176	Volleyball I	KIN 1820	1
PEA 187	Weight Training I	KIN 1000 T	1
PEA 192	Walking I	KIN 1000 T	1
PEA 928	Independent Study	KIN 2000 T	1-3
PEA 949	Special Topics	KIN 2000 T	1-3

COACHING/OFFICIATING

PEC 101	Introduction to Coaching	KIN 1000 T	3
PEC 108	Sports and Society	KIN 1000 T	3
PEC 110	Coaching Ethics, Techniques, and Theory	KIN 1000 T	1
PEC 115	Athletic Development and Human Growth	KIN 1000 T	1
PEC 120	Body Structure and Function	KIN 1000 T	1
PEC 126	Athletic Injury Prevention	ATR 1000 T	2
PEC 128	Care and Prevention of Athletic Injuries	ATR 2200	3
PEC 161	Sports Officiating	KIN 1000 T	3
PEC 928	Independent Study	KIN 2000 T	1-3
PEC 949	Special Topics	KIN 2000 T	1-3

GENERAL PHYSICAL EDUCATION AND HEALTH

PEH 102	Health	KIN 1000 T	3
PEH 109	Personal Wellness	KIN 1000 T	1
PEH 110	Personal Wellness	KIN 1000 T	2
PEH 111	Personal Wellness	KIN 1000 T	3
PEH 141	First Aid	HS 1050	2
PEH 142	First Aid	HS 1050	3
PEH 162	Introduction to Physical Education	KIN 1000 T	3
PEH 255	Principles of Sports Management	KIN 2000 T	3
PEH 928	Independent Study	KIN 2000 T	1-3
PEH 949	Special Topics	KIN 2000 T	1-3

INTERCOLLEGIATE PHYSICAL EDUCATION

PEV 115	Varsity Baseball	ATH 1000 T	1
PEV 121	Varsity Basketball, Men	ATH 1010B	1
PEV 122	Varsity Basketball, Women	ATH 1010C	1
PEV 130	Varsity Cross Country	ATH 1000 T	1
PEV 133	Varsity Track	ATH 1000 T	1
PEV 140	Varsity Golf	ATH 1000 T	1
PEV 160	Varsity Softball	ATH 1010K	1
PEV 170	Varsity Volleyball	ATH 1010R	1

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PHILOSOPHY

PHI 101	Introduction to Philosophy	PHIL 2010	3
PHI 105	Introduction to Ethics	PHIL 2300	3
PHI 928	Independent Study	PHIL 2000 T	1-3
PHI 949	Special Topics	PHIL 2000 T	1-3

PHYSICAL SCIENCE

PHS 113	Introduction to Physical Science	SCITR 1000 T	4
PHS 120	Exploring Physical Science	SCITR 1000 T	4
PHS 125	Physical Science (with lab)	SCITR 1000 T	4
PHS 142	Principles of Astronomy	ASTRO 1200	3
PHS 166	Meteorology, Weather and Climate	MTEOR 2060	4
PHS 172	Physical Geology	GEOL 1000	3
		GEOL 1000L	1
PHS 185	Introduction to Earth Science	SCITR 1000 T	3
PHS 928	Independent Study	SCITR 2000 T	1-3
PHS 949	Special Topics	SCITR 2000 T	1-3

PHYSICS

PHY 110	Survey of Physics I	PHYS 1000 T	3
PHY 162	College Physics I (with lab)	PHYS 1310	3
		PHYS 1310L	1
PHY 172	College Physics II (with lab)	PHYS 1320	3
		PHYS 1320L	1
PHY 212	Classical Physics I (with lab)	PHYS 2310	4
		PHYS 2310L	1
PHY 222	Classical Physics II (with lab)	PHYS 2320	4
		PHYS 2320L	1
PHY 928	Independent Study	PHYS 2000 T	1-3
PHY 949	Special Topics	PHYS 2000 T	1-3

PRACTICAL NURSING

PNN 140-531	By Title	CAREER/TECH	
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POLITICAL SCIENCE

POL 110	Introduction to Political Science	POLS 1000 T	3
POL 111	American National Government	POLS 1110	3
POL 112	American State and Local Government	POLS 1000 T	3
POL 129	Politics of Terrorism	POLS 1000 T	3
POL 928	Independent Study	POLS 2000 T	1-3
POL 949	Special Topics	POLS 2000 T	1-3

PSYCHOLOGY

PSY 111	Introduction to Psychology	PSYCH 1010	3
PSY 121	Developmental Psychology	PSYCH 2300	3
PSY 171	Health Psychology	PSYCH 1000 T	3
PSY 222	Child Psychology	PSYCH 2000 T	3
PSY 223	Child and Adolescent Psychology	PSYCH 2000 T	3
PSY 224	Adolescent Psychology	PSYCH 2000 T	3
PSY 226	Psychology of Aging	PSYCH 2000 T	3
PSY 236	Psychology of Personality	PSYCH 2000 T	3
PSY 241	Abnormal Psychology	PSYCH 2000 T	3
PSY 246	Introduction to Counseling Skills	PSYCH 2000 T	3

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PSYCHOLOGY, Continued

PSY 251	Social Psychology	PSYCH 2800	3
PSY 261	Human Sexuality	HDFS 2760	3
PSY 262	Psychology of Gender	PSYCH 2000 T	3
PSY 281	Educational Psychology	PSYCH 3330	3
PSY 928	Independent Study	PSYCH 2000 T	1-3
PSY 949	Special Topics	PSYCH 2000 T	1-3

READING

RDG 005-008	By Title		No Credit
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RELIGION

REL 101	Survey of World Religions	RELIG 2050	3
REL 150	Introduction to the Bible	RELIG 1000 T	3
REL 928	Independent Study	RELIG 2000 T	1-3
REL 949	Special Topics	RELIG 2000 T	1-3

SCIENCE

SCI 123	Forensic Science	SCITR 1000 T	4
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SOCIAL MEDIA AND MARKETING

SMM 101	Social Media Explored	CAREER/TECH	
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STUDENT DEVELOPMENT

SDV 103	Successful Learning	PSYCH 1000 T	1
SDV 108	The College Experience	ORTR 1000 T	1
SDV 114	Strategies for Academic Success	PSYCH 1310	3
SDV 153	Pre-Employment Strategies	UST 1000 T	2
SDV 155	Strategies for College Reading	ENGL 1000 T	1
SDV 188	Understanding Chemical Dependency	TRNSF 1000 T	2
SDV 928	Independent Study	TRNSF 2000 T	1-3
SDV 949	Special Topics	TRNSF 2000 T	1-3

SOCIOLOGY

SOC 110	Introduction to Sociology	SOC 1340	3
SOC 115	Social Problems	SOC 2350	3
SOC 120	Marriage and Family	SOC 2190	3
SOC 160	Introduction to Social Work	SOC 1000 T	3
SOC 200	Minority Group Relations	SOC 2000 T	3
SOC 250	Sociology of Deviance	SOC 2000 T	3
SOC 928	Independent Study	SOC 2000 T	1-3
SOC 949	Special Topics	SOC 2000 T	1-3

SPEECH

SPC 101	Fundamentals of Oral Communication	SPCM 2120	3
SPC 112	Public Speaking	SPCM 2120	3
SPC 122	Interpersonal Communication	COMST 1020	3
SPC 928	Independent Study	SPCM 2000 T	1-3
SPC 949	Special Topics	SPCM 2000 T	1-3

WELDING

WEL 111-932	By Title	CAREER/TECH	
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WORK-BASED LEARNING

WBL 110-308 By Title

CAREER/TECH