

Course Equivalency Guide

between

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

and

Des Moines Area Community College
800-362-2127
www.dmacc.edu

***Based on the Des Moines Area 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 will apply toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

- If there is a course 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 2000 T. 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.

ACCOUNTING

ACC 104-124	By Title	CAREER/TECH	
ACC 131	Principles of Accounting I	ACCT 2840	4
ACC 132	Principles of Accounting II	ACCT 2850	4
ACC 161-193	By Title	CAREER/TECH	
ACC 202	Accounting Cycle	ACCT 2000 T	1
ACC 222	Cost Accounting	ACCT 2000 T	4
ACC 237	Intermediate Accounting	ACCT 2000 T	4
ACC 252	Government and Nonprofit Accounting	ACCT 2000 T	4
ACC 265	Income Tax Accounting	ACCT 2000 T	4
ACC 268-850	By Title	CAREER/TECH	

ADMINISTRATIVE ASSISTANT

ADM 105-947	By Title	CAREER/TECH	
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ASSOCIATE DEGREE NURSING

ADN 110-821	By Title	CAREER/TECH	
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AGRICULTURE - AGRONOMY

AGA 114	Principles of Agronomy	AGRON 1810	3
AGA 129	Introduction to Sustainable Agriculture	AGRON 2000 T	3
AGA 154	Fundamentals of Soil Science	AGRON 1820	3
AGA 157	Soil Fertility	AGRON 1000 T	1
AGA 211	Grain and Forage Crops	AGRON 2800	3
AGA 222	Grain Management	TSM 2000 T	2
AGA 284	Pesticide Application Certification	ENT 2830	3
AGA 381	Crop Scouting	AGRON 2000 T	3

AGRICULTURE - FARM MANAGEMENT-BUSINESS

AGB 101	Agricultural Economics	ECON 1010	3
AGB 235	Introduction to Agricultural Markets	ECON 2350	3
AGB 330	Farm Business Management	ECON 2300	3
AGB 331	Entrepreneurship in Agriculture	ECON 2000 T	3
AGB 336	Agricultural Selling	ECON 2360	3
AGB 440	Agricultural Niche Marketing	ECON 2000 T	3
AGB 802	Agribusiness Internship I	ECON 2000 T	2
AGB 812	Agribusiness Internship II	ECON 2000 T	2

AGRICULTURE - COMPREHENSIVE- MISCELLANEOUS

AGC 314	Leadership in Agriculture	AGEDS 2000 T	2
AGC 420	Agricultural Issues	GLOBE 2200	3

AGRICULTURE - HORTICULTURE

AGH 106	Introduction to Horticulture	HORT 2210	3
AGH 112	Introduction to Turfgrass Management	HORT 1000 T	3
AGH 120	Herbaceous Plant Materials	HORT 3300	3
AGH 123	Woody Plant Materials	HORT 2400	3
AGH 132	Introduction to Greenhouse	HORT 2000 T	3
AGH 133	Greenhouse Production I	HORT 2000 T	3
AGH 142	Landscape Construction	HORT 1000 T	3
AGH 146	Soil Science for Horticulture	AGRON 1550	3
AGH 147	Soil Fertility for Horticulture	AGRON 1000 T	1
AGH 154	Residential Landscape Design	HORT 2000 T	3

AGRICULTURE - HORTICULTURE, continued

AGH 156	Landscape Design II	HORT 2000 T	3
AGH 159	Landscape Graphics	HORT 1000 T	2
AGH 161	Irrigation Systems	HORT 2000 T	3
AGH 200	Landscape Estimating and Bidding	HORT 2000 T	2
AGH 211	Advanced Turfgrass Management	HORT 2000 T	3
AGH 233	Plant Propagation I	HORT 3220	3
AGH 253	Insects and Diseases	HORT 2000 T	3
AGH 262	Fruit and Vegetable Science	HORT 2000 T	3
AGH 272	Nursery Production I	HORT 2000 T	3
AGH 276	Greenhouse Production II	HORT 2000 T	3
AGH 281	Arboriculture	HORT 1000 T	3
AGH 283	Pesticide Application Certification	HORT 2830	2
AGH 291	Horticulture Business Operations	HORT 2000 T	3
AGH 805	Horticulture Internship I	CAREER/TECH	
AGH 912	Current Topics in Horticulture	HORT 2000 T	1

AGRICULTURE - MECHANICS

AGM 125	Alternative Energy in Agriculture	CAREER/TECH	
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AGRICULTURE - PRECISION AG

AGP 333	Precision Agriculture Applications	TSM 2000 T	3
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AGRICULTURE - ANIMAL SCIENCE

AGS 113	Survey of the Animal Industry	ANS 1140	3
AGS 214	Domestic Animal Physiology	ANS 2140	3
AGS 222	Aquaculture/Aquarium Science I	CAREER/TECH	
AGS 225	Swine Science	ANS 2250	3
AGS 226	Beef Cattle Science	ANS 2260	3
AGS 242	Animal Health	ANS 2000 T	3
AGS 249	Aquaculture/Aquarium Science II	CAREER/TECH	
AGS 319	Animal Nutrition	ANS 2000 T	3

AGRICULTURE- TECHNOLOGY

AGT 120	Agricultural Application in Biotechnology	TSM 1000 T	3
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AGRICULTURE - VET TECH

AGV 109	Pharmacy Skills	CAREER/TECH	
AGV 120	Veterinary Medical Terminology	ANS 1000 T	1
AGV 128-129	By Title	CAREER/TECH	
AGV 133	Veterinary Clinic Pathology I	ANS 1000 T	3
AGV 134	Veterinary Clinic Pathology II	ANS 2000 T	3
AGV 140	Veterinary Pharmacology	ANS 1000 T	3
AGV 145-151	By Title	CAREER/TECH	
AGV 160	Anesthesia/Surgical Assistance	ANS 1000 T	4
AGV 164-165	By Title	CAREER/TECH	
AGV 166	Veterinary Nursing Care	ANS 2000 T	3
AGV 170-932	By Title	CAREER/TECH	

ANIMATION

ANI 408-494	By Title	CAREER/TECH	
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ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 2010	3
ANT 125	Applications of Anthropology	ANTHR 1000 T	3
ANT 150	Global Issues-Local Perspective	ANTHR 1000 T	3
ANT 202	Human Origins	ANTHR 2020	3

APPAREL MERCHANDISING

APP 109	Creative Design Foundations	AMD 1000 T	3
APP 209*	Textile Science	AMD 1000 T	3

**When APP 209 and APP 212 are both taken, the courses will transfer as AMD 2040.*

APP 211*	Textiles	AMD 1000 T	3
APP 212* x	Textile Science Lab	AMD 1000 T	1

**When APP 211 and APP 212 are both taken, the courses will transfer as AMD 2040.*

APP 235	Visual Merchandising Studio	AMD 3770	3
APP 240	Fashion Design	AMD 1780	3
APP 255	Introduction to Garment Construction	AMD 1000 T	3
APP 260	Fashion Analysis and Design	AMD 2000 T	3
APP 261	Fashion Industry Analysis	AMD 1310	3
APP 265	Fashion Styling	AMD 2880	3
APP 270	Fashion Buying	AESHM 1750N	3
APP 291	Fashion Study Tour	AESHM 3800N	1
APP 295	Digital Product Design	AMD 2000 T	3
APP 300	Fashion Events and Public Relations	AMD 2000 T	3
APP 600-702	By Title	CAREER/TECH	

ARCHITECTURAL

ARC 110-932	By Title	CAREER/TECH	
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ART

ART 101	Art Appreciation	ART 1000 T	3
ART 102	Arts for Elementary Education	ARTED 2110	3
ART 133	Drawing Lab	ART 1000 T	3
ART 136	Life Drawing	ART 1000 T	3
ART 143	Painting	ART 1000 T	3
ART 148	Landscape Painting	ART 1000 T	3
ART 173	Ceramics I	ART 1000 T	3
ART 174	Ceramics II	ART 1000 T	3
ART 176	Tilemaking	ART 1000 T	3
ART 184	Principles of Photography	ART 2000 T	3
ART 186	Principles Digital Photography	ART 2000 T	3
ART 189	Commercial Photography I	CAREER/TECH	
ART 190	History of Photography	ARTH 1000 T	3
ART 192-194	By Title	CAREER/TECH	
ART 195	Design: Exploring Art Media	ART 1000 T	3
ART 197	Photography Assistant Basics	CAREER/TECH	
ART 203	Art History I	ARTH 2800	3
ART 204	Art History II	ARTH 2810	3
ART 222	Art Direction	ART 2000 T	3
ART 225	Photoshop for Photography	ART 2000 T	3
ART 226	Alternative Photo Processes	ART 2000 T	3
ART 227-228	By Title	CAREER/TECH	

ART, continued

ART 229	Photography for Social Media	ART 2000 T	3
ART 255-287	By Title	CAREER/TECH	
ART 289	Photojournalism	ART 2000 T	3
ART 291	Travel Photography	ART 2000 T	3
ART 292	Studio Photography	ART 2000 T	3
ART 294-296	By Title	CAREER/TECH	

AUTO TECH-CAP (CHRYSLER)

ATC 320-360	By Title	CAREER/TECH	
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AUTO TECH-ASSET (FORD)

ATF 280-362	By Title	CAREER/TECH	
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AUTO TECH-ASEP (GM)

ATG 312-354	By Title	CAREER/TECH	
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AUTOMOTIVE TECHNOLOGY

AUT 111-934	By Title	CAREER/TECH	
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AVIATION

AVI 130-213	By Title	CAREER/TECH	
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AVIATION MAINTENANCE

AVM 100-170	By Title	CAREER/TECH	
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BUSINESS COMPUTER APPLICATIONS

BCA 110-242	By Title	CAREER/TECH	
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BIOLOGY

BIO 100	Opportunities in Biology	BIOL 1000 T	1
BIO 104	Introductory Biology with Lab	BIOL 1010	3
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 135	Introduction to Botany	BIOL 1000 T	4
BIO 138	Field Ecology	BIOL 1000 T	3
BIO 145	Ecology of Iowa	BIOL 2000 T	3
BIO 146	Genetics	BIOL 2000 T	3
BIO 151	Nutrition	FSHN 1670	3
BIO 157	Human Biology	BIOL 1550	4
BIO 164	Essentials of Anatomy/Physiology	BIOL 1550	5
BIO 168*	Anatomy and Physiology I	BIOL 2000 T	4
BIO 173*	Anatomy and Physiology II	BIOL 2000 T	4

**When 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).*

BIO 186	Microbiology	MICRO 2010	3
		MICRO 2010L	1
BIO 191	Introduction to Biotechnology with Lab	BIOL 2000 T	3
BIO 225	Marine Biology I	BIOL 2000 T	4

BIOLOGY, continued

BIO 227	Marine Biology II	BIOL 2000 T	4
BIO 243	Topics in Biotechnology	BIOL 2000 T	1
BIO 249	Biotechnology Internship	BIOL 2000 T	3
BIO 250	Cell and Molecular Biology-Nucleic Acids	BIOL 2000 T	5
BIO 251	Cell and Molecular Biology-Proteins	BIOL 2000 T	5
BIO 260	Biology of Aging	BIOL 2000 T	3
BIO 295	General Ecology and Lab	BIOL 2000 T	4
BIO 732	Health Science Microbiology	MICRO 2000 T	4
BIO 733	Health Science Anatomy	BIOL 1000 T	3
BIO 734	Health Science Physiology	BIOL 1000 T	3
BIO 900	Field Studies in Medical Sciences	CAREER/TECH	
BIO 922	Field Studies	BIOL 2000 T	1-4

BUILDING MAINTENANCE

BMA 165-177	By Title	CAREER/TECH	
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BUSINESS

BUS 102*	Introduction to Business	BUSAD 2500	3
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**BUS 102 will transfer as BUSAD 2500 if the course is taken Spring 2015 or later.*

BUS 112	Business Math	BUSAD 1000 T	3
BUS 131-150	By Title	CAREER/TECH	
BUS 185	Business Law I	ACCT 2150	3
BUS 186	Business Law II	ACCT 2000 T	3
BUS 220	Introduction to International Business	BUSAD 2000 T	3
BUS 231	Quantitative Methods/Business Decisions	MGMT 2000 T	4
BUS 250	Principles of Real Estate	FIN 2000 T	3
BUS 260	Introduction to Insurance	FIN 2000 T	3
BUS 278	Employment Law	ACCT 2000 T	3
BUS 295-940	By Title	CAREER/TECH	

COMPUTER AIDED DRAFTING

CAD 119-126	By Title	CAREER/TECH	
CAD 139*	Introduction to CAD/CAM	TSM 1000 T	3
CAD 148-183	By Title	CAREER/TECH	
CAD 184*	Solidworks for Die Design	TSM 1000 T	3
CAD 215-254	By Title	CAREER/TECH	

**When CAD 139 and CAD 184 are both taken, the courses will transfer as TSM 1160 (3) and TSM 1000 T (3).*

CIVIL ENGINEERING TECHNOLOGY

CET 101-307	By Title	CAREER/TECH	
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CHEMISTRY

CHM 105	Survey of Chemistry	CHEM 1600	3
CHM 122	Introduction to General Chemistry	CHEM 1630	3
		CHEM 1630L	1
CHM 132	Introduction to Organic/Biochemistry	CHEM 1000 T	4
CHM 165	General Chemistry I	CHEM 1770	3
		CHEM 1770L	1
CHM 175	General/Inorganic Chemistry II	CHEM 1780	3
		CHEM 1780L	1

CHEMISTRY, continued

CHM 263	Organic Chemistry I	CHEM 3310	3
		CHEM 3330	2
CHM 273	Organic Chemistry II	CHEM 3320	3
		CHEM 3340L	2
CHM 922	Field Studies	CHEM 2000 T	1-4

COMPUTER PROGRAMMING

CIS 125	Introduction to Programming Logic w/Lang	COMS 1000 T	3
CIS 137	Introduction to Cloud Computing	CAREER/TECH	3
CIS 153	Data Structures	COMS 1000 T	4
CIS 154	Computational Structures	COMS 1000 T	3
CIS 161-169	By Title	CAREER/TECH	
CIS 171	Java	COMS 1000 T	3
CIS 174-338	By Title	CAREER/TECH	
CIS 402	COBOL	COMS 2010	3
CIS 413	COBOL II	COMS 2000 T	4
CIS 450-943	By Title	CAREER/TECH	

COMMUNICATION

COM 146	Gender, Sexuality, and Media	JLMC 1000 T	3
COM 148	Diversity and the Media	JLMC 1000 T	3
COM 703	Communication Skills	CAREER/TECH	

BUILDING TRADES

CON 205-949	By Title	CAREER/TECH	
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REAL-TIME REPORTING

CRC 100-275	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 107	Survey of Criminal Justice Agencies	CJ 1000 T	3
CRJ 109	Theories of Interviewing	CJ 1000 T	3
CRJ 111	Police and Society	CJ 1000 T	3
CRJ 120	Introduction to Corrections	CJ 1000 T	3
CRJ 128	Victimology	CJ 1000 T	3
CRJ 141	Criminal Investigation	CJ 1000 T	3
CRJ 178	E-Crime Investigative Methods	CJ 1000 T	3
CRJ 196-198	By Title	CAREER/TECH	
CRJ 200	Criminology	CJ 2420	3
CRJ 201	Juvenile Delinquency	CJ 2410	3
CRJ 220	Community-Based Corrections	CJ 2000 T	3
CRJ 222	Correctional Treatment Method	CJ 2000 T	3
CRJ 237	Criminal and Constitutional Law	CJ 2000 T	3
CRJ 245	Scientific Investigation	CJ 2000 T	3
CRJ 292	Police Physical Fitness and Condition	KIN 2000 T	1
CRJ 293	Criminal Justice Report Writing	CJ 2000 T	1
CRJ 294	Criminal Justice Communication Strategies	CJ 2000 T	3
CRJ 296-297	By Title	CAREER/TECH	
CRJ 301	Introduction to Homeland Security	CJ 2000 T	3
CRJ 302	Transportation and Border Security	CJ 2000 T	3

CRIMINAL JUSTICE, continued

CRJ 303	Intelligence Analysis and Security Management	CJ 2000 T	3
CRJ 305	Introduction to Cyber Terrorism	CJ 2000 T	3
CRJ 317	White-Collar Crime	CJ 2000 T	3
CRJ 325-329	By Title	CAREER/TECH	
CRJ 333	CSI and Forensic Photography	CJ 2000 T	2
CRJ 932	Internship	CJ 2000 T	3
CRJ 949	Special Topics	CAREER/TECH	3

COLLISION REPAIR AND REFINISH

CRR 150-760	By Title	CAREER/TECH	
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COMPUTER SCIENCE

CSC 105	Computer Essentials	COMS 1000 T	1
CSC 109	Experience Information Technology	CAREER/TECH	
CSC 116	Information Computing	COMS 1130	3

DATA ANALYSIS

DAT 201-500	By Title	CAREER/TECH	
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DENTAL ASSISTANT

DEA 249-707	By Title	CAREER/TECH	
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DENTAL HYGIENE

DHY 114-302	By Title	CAREER/TECH	
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DRAMA-FILM AND THEATRE

DRA 101	Introduction to Theatre	THTRE 1060	3
DRA 111	Survey of Musical Theatre	THTRE 1000 T	3
DRA 125	Introduction to Play Analysis	THTRE 2630	3
DRA 127	Stage Combat	THTRE 1000 T	3
DRA 130	Acting I	THTRE 2510	3
DRA 132	Acting II	THTRE 2000 T	3
DRA 134	Improvisational Acting	THTRE 1000 T	3
DRA 139	Acting for the Camera	THTRE 1000 T	3
DRA 143	The Business of Acting	THTRE 1000 T	3
DRA 147	Creative Drama School/Rec	THTRE 1000 T	3
DRA 148	Voice and Movement	THTRE 1510	3
DRA 162	Technical Theatre	THTRE 2550	3
DRA 180-181	Theatre Lab I, II	THTRE 1000 T	1 each
DRA 199	Musical Theatre Dance	THTRE 1000 T	3
DRA 201	Fundamental Arts Management	THTRE 2000 T	3
DRA 202	Design Principles	THTRE 2000 T	3
DRA 221	Audition Technique	THTRE 2000 T	3
DRA 222	Performing Shakespeare	THTRE 2000 T	3
DRA 223	Performing Musical Theatre	THTRE 2000 T	3
DRA 224	Musical Theatre Auditions	THTRE 2000 T	3
DRA 228	Introduction to Voice Acting	THTRE 2000 T	3
DRA 231	Advanced Voice for Actors	THTRE 2000 T	3
DRA 232	Advanced Movement for Actors	THTRE 2000 T	3
DRA 240	Stage Management	THTRE 2000 T	3
DRA 250	Directing	THTRE 2000 T	3
DRA 252	Playwriting	THTRE 2000 T	3

DRAMA-FILM AND THEATRE, continued

DRA 280-281	Theatre Lab III, IV	THTRE 2000 T	1 each
DRA 299	Drama Internship	THTRE 2000 T	3
DRA 945	Practicum I	THTRE 1000 T	2
DRA 946	Practicum II	THTRE 1000 T	3
DRA 948	Practicum III	THTRE 1000 T	4

DIESEL

DSL 110-913	By Title	CAREER/TECH	
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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 114	Dual Language Learners in ECE	HDFS 1000 T	3
ECE 130	Emergency Care	HS 1050	1
ECE 133	Child Health, Safety, and Nutrition	HDFS 1000 T	3
ECE 151	Individualizing for Children	HDFS 1000 T	3
ECE 152	Learning with Digital Media	EDUC 1000 T	3
ECE 158-159	Early Childhood Curriculum I, II	HDFS 1000 T	3 each
ECE 170	Child Growth and Development	HDFS 1000 T	3
ECE 215	Home, School, and Community Relations	HDFS 2000 T	3
ECE 221	Infant/Toddler Care and Education	HDFS 2000 T	3
ECE 242	Child Life Theory	HDFS 2000 T	3
ECE 243	Early Childhood Guidance	HDFS 2000 T	3
ECE 268	Early Childhood Field Experience	HDFS 2000 T	4
ECE 281	Practicum	HDFS 2000 T	2
ECE 290	Early Childhood Program Administration	HDFS 2000 T	3
ECE 343	Early Childhood Guidance Lab	HDFS 2000 T	1
ECE 359	Early Childhood Curriculum II Lab	HDFS 2000 T	1
ECE 930	Administrative Practicum	HDFS 2000 T	1
ECE 932	Internship	HDFS 2000 T	2

ECONOMICS

ECN 120	Principles of Macroeconomics	ECON 1020	3
ECN 130	Principles of Microeconomics	ECON 1010	3

EDUCATION

EDU 210	Foundations of Education	EDUC 2040	3
EDU 213	Introduction to Education	EDUC 2040	3
	Introduction to Education	EDUC 2800L	R
EDU 218	Initial Field Experience	EDUC 2800L	1
	Initial Field Experience	EDUC 1000 T	1
EDU 245	Exceptional Learner	SPED 2500	3
EDU 252	Communication and Collaborative Partnerships	EDUC 2000 T	3
EDU 253	Behavior Management & Social Interaction Skills	EDUC 2000 T	3
EDU 255	Technology in the Classroom	EDUC 2010	3

ENGINEERING

EGR 100	Engineering Orientation	ENGR 1010	1
EGR 151*	Engineering Visual Basic	ENGR 1000 T	2
EGR 152 ^s	Engineering MATLAB	ENGR 1000 T	2
EGR 155 ^x	Engineering C/C++	ENGR 1000 T	2
EGR 161* ^{s x}	Engineering Computations	ENGR 1000 T	2

**When EGR 151 and EGR 161 are both taken, the courses will transfer as ENGR 1600.*

**When EGR 152 and EGR 161 are both taken, the courses will transfer as ENGR 1600.*

**When EGR 155 and EGR 161 are both taken, the courses will transfer as ENGR 1600 (2) and CPRE 1610 (2).*

EGR 166	Engineering Graphics/Conceptual Design	ENGR 1700	4
EGR 180	Statics	CE 2740	3
EGR 290	Thermodynamics	ME 2310	3
EGT 400	PLTW: Introduction to Engineering Design	ME 1700	3
EGT 410-900	By Title	CAREER/TECH	

ELECTRICAL TECHNOLOGY

ELE 236-901	By Title	CAREER/TECH	
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ENGLISH LANGUAGE LEARNERS

ELL 098-099	By Title		No Credit
ELL 108	Reading and Communication Accuracy	ENGL 1010B*	4
ELL 109	Grammar and Writing Accuracy	ENGL 1010B*	4

**Transfer credit in ENGL 1010B does not count toward graduation.*

ELECTRONICS

ELT 093	Concepts Electronics/Computers		No Credit
ELT 106-951	By Title	CAREER/TECH	

EMERGENCY MEDICAL TECHNICIAN - BASIC

EMS 105-505	By Title	CAREER/TECH	
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ENGLISH

ENG 060-097	By Title		No Credit
ENG 105	Composition I	ENGL 1500	3
ENG 106	Composition II	ENGL 2500	3
ENG 108	Composition II: Technical Writing	ENGL 1000 T	3
ENG 221	Creative Writing	ENGL 2070	3
ENG 225	Creative Writing: Poetry	ENGL 2000 T	3
ENG 230	Creative Writing: Fiction	ENGL 2000 T	3
ENG 235	Playwriting and Screenwriting	ENGL 2000 T	3

ENVIRONMENTAL SCIENCE

ENV 103	Sustainable Living	BIOL 1000 T	1
ENV 115	Environmental Science	BIOL 1730	3
ENV 116	Environmental Science Lab	BIOL 1000 T	1
ENV 145	Conservation Biology	BIOL 1000 T	4
ENV 160	Restoring Plant Communities	BIOL 1000 T	3

FINANCE

FIN 101	Principles of Banking	FIN 2000 T	3
FIN 121	Personal Finance	HDFS 2830	3
FIN 180	Introduction to Investments	FIN 2000 T	3
FIN 214	Stocks, Bonds, and Investments	FIN 2000 T	1

FIRE SCIENCE

FIR 101-400	By Title	CAREER/TECH	
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FOREIGN LANGUAGE-ARABIC

FLA 141	Elementary Arabic I	ARABC 1010	4
FLA 142	Elementary Arabic II	ARABC 1020	4
FLA 241	Intermediate Arabic I	ARABC 2010	4
FLA 242	Intermediate Arabic II	ARABC 2020	4

FOREIGN LANGUAGE-CHINESE

FLC 141	Elementary Chinese I	CHIN 1010	4
FLC 142	Elementary Chinese II	CHIN 1020	4
FLC 241	Intermediate Chinese I	CHIN 2010	4
FLC 242	Intermediate Chinese II	CHIN 2020	4

FOREIGN LANGUAGE-FRENCH

FLF 151	Elementary French I	FRNCH 1010	5
FLF 152	Elementary French II	FRNCH 1020	5
FLF 241	Intermediate French I	FRNCH 2010	4
FLF 242	Intermediate French II	FRNCH 2020	4

FOREIGN LANGUAGE-GERMAN

FLG 141	Elementary German I	GER 1010	4
FLG 142	Elementary German II	GER 1020	4
FLG 241	Intermediate German I	GER 2010	4
FLG 242	Intermediate German II	GER 2020	4

FOREIGN LANGUAGE-ITALIAN

FLI 141, 142	Elementary Italian I, II	ITAL 1000 T	4 each
FLI 241, 242	Intermediate Italian I, II	ITAL 2000 T	4 each

FOREIGN LANGUAGE-JAPANESE

FLJ 141, 142	Elementary Japanese I, II	WLC 1000 T	4 each
FLJ 241, 242	Intermediate Japanese I, II	WLC 2000 T	4 each

FOREIGN LANGUAGE-SPANISH

FLS 151	Elementary Spanish I	SPAN 1010	5
FLS 152	Elementary Spanish II	SPAN 1020	5
FLS 181	Spanish for Heritage Speakers I	SPAN 1000 T	4
FLS 241	Intermediate Spanish I	SPAN 2010	4
FLS 242	Intermediate Spanish II	SPAN 2020	4
FLS 281	Spanish for Heritage Speakers II	SPAN 2000 T	4

GEOGRAPHY

GEO 111	Introduction to Geography	SSTR 1000 T	3
GEO 124	Regional Geography of the Non-West World	SSTR 1000 T	3
GEO 125	Regional Geography of the Developing World	SSTR 1000 T	3

GLOBAL STUDIES

GLS 199	Japan: The Changing Tradition	HUMTR 1000 T	2
GLS 200	Country Study	LAS 2000 T	3
GLS 210	International Year Seminar	INTST 2000 T	3
GLS 220	The Middle East and Islam	HUMTR 2000 T	3
GLS 230	Latin America	HUMTR 2000 T	3
GLS 235	Introduction to International Studies	INTST 2350	3

GRAPHIC DESIGN

GRD 301-900	By Title	CAREER/TECH	
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GRAPHIC TECHNOLOGIES

GRT 400-932	By Title	CAREER/TECH	
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HOSPITALITY, CULINARY ARTS, AND MANAGEMENT

HCM 100	Sanitation and Safety	HSPM 2330	2
HCM 110-124	By Title	CAREER/TECH	
HCM 143	Food Preparation I	HSPM 2000 T	3
HCM 144	Food Preparation I Lab	HSPM 1000 T	3
HCM 152,153	Food Preparation II, II Lab	HSPM 2000 T	2 each
HCM 167**	Culinary Skills Development	HSPM 2000 T	3
HCM 168-170	By Title	CAREER/TECH	
HCM 172*	International Cuisine (Lab)	HSPM 1000 T	3
HCM 173*	International Cuisine	HSPM 1000 T	2

**When HCM 172 and HCM 173 are both taken, the courses will transfer as HSPM 4870.*

HCM 175-200	By Title	CAREER/TECH	
HCM 210**	Dining Management	HSPM 2000 T	2

***When HCM 167 and HCM 210 are both taken, the courses will transfer as HSPM 3800 (3) and HSPM 3800L (2).*

HCM 215-240	By Title	CAREER/TECH	
HCM 250	Purchasing	HSPM 2000 T	2
HCM 270	Garde Manger	CAREER/TECH	
HCM 300	Beverage Management	HSPM 2000 T	2
HCM 320	Introduction to Hospitality Industry	HSPM 1010	2
HCM 347-550	By Title	CAREER/TECH	
HCM 600	Introduction to Lodging Operations	HSPM 2000 T	2
HCM 604-605	By Title	CAREER/TECH	

HEATING AND AIR CONDITIONING

HCR 253-932	By Title	CAREER/TECH	
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HISTORY

HIS 110	Western Civilization: Ancient to Early Modern	HIST 2010	3
HIS 111	Western Civilization: Early Modern to Present	HIST 2020	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 214	Russian History and Culture	HIST 2000 T	3
HIS 249	Study Abroad: British Life and Culture	HIST 2000 T	3
HIS 257	African-American History	HIST 2000 T	3

HISTORY, continued

HIS 274	Women's History: United States	HIST 2000 T	3
HIS 280	Family History Research	HIST 2000 T	3

HEALTH INFORMATION TECHNOLOGY

HIT 121-524	By Title	CAREER/TECH	
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HONORS

HON 100	Introduction to Honors	UST 1000 T	2
HON 200	Honors Capstone	UST 1000 T	2

HEALTH SCIENCES

HSC 101-232	By Title	CAREER/TECH	
HSC 240	Human Nutrition	FSHN 1670	3
HSC 281-304	By Title	CAREER/TECH	

HUMAN SERVICES

HSV 109	Introduction to Human Services	HDFS 2000 T	3
HSV 130	Interviewing/Interpersonal Relations	PSYCH 1000 T	3
HSV 135	Gender Studies	PSYCH 1000 T	3
HSV 185	Discrimination and Diversity	SOC 1000 T	3
HSV 220	Introduction to Counseling Theories	PSYCH 2000 T	3
HSV 255	Addictive Disease Concepts	PSYCH 2000 T	3
HSV 286	Intervention Theories/Practice I	PSYCH 2000 T	3
HSV 803	Seminar	SSTR 2000 T	1
HSV 804	Internship	SOC 2000 T	2

HUMANITIES

HUM 116	Encounters in Humanities	HUMTR 1000 T	3
HUM 120	Introduction to Film	ENGL 1000 T	3
HUM 121	America in the Movies	HUMTR 1000 T	3
HUM 249	Study Abroad: British Life and Culture	HUMTR 2000 T	3

INDUSTRIAL TECHNOLOGY

IND 114-904	By Title	CAREER/TECH	
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INFORMATICS

INF 110	Fundamental Informatics	CAREER/TECH	
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INTERIOR DESIGN

INT 114-262	By Title	CAREER/TECH	
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INTERPRETATION AND TRANSLATION

ITR 101	Introduction to Interpreting and Translation	LING 1000 T	3
ITR 102	Tools for Interpreters and Translators	LING 1000 T	3
ITR 103	Fundamentals of Interpretation	LING 1000 T	3
ITR 104	Fundamentals of Translation	LING 1000 T	3
ITR 109	Interpretation/Translation Ethics I	HUMTR 1000 T	3
ITR 209	Intpretation/Translation Ethics II	HUMTR 1000 T	3
ITR 271	Healthcare Terminology and Sight Translation	WLC 2000 T	3
ITR 273	Healthcare Interpretation I	WLC 2000 T	3
ITR 274	Healthcare Interpretation II	WLC 2000 T	3
ITR 277	Healthcare Translation	WLC 2000 T	3

INTERPRETATION AND TRANSLATION, continued

ITR 291	Judiciary Terminology and Sight Translation	WLC 2000 T	3
ITR 293	Judiciary Interpretation I	WLC 2000 T	3
ITR 294	Judiciary Interpretation II	WLC 2000 T	3
ITR 297	Judiciary Translation	WLC 2000 T	3
ITR 871	Healthcare I/T Internship	WLC 2000 T	3
ITR 891	Judiciary I/T Internship	WLC 2000 T	3
ITR 910	Emphasis Seminar	LING 1000 T	3

JOURNALISM

JOU 110	Introduction to Mass Media	JLMC 1010	3
JOU 113	Gender, Sexuality, and Media	JLMC 1000 T	3
JOU 114	Diversity and the Media	JLMC 1000 T	3
JOU 115	Introduction to Journalism	JLMC 2400	3
JOU 121	Newswriting and Reporting	JLMC 2000 T	3
JOU 122	Introduction to News Production	JLMC 2000 T	3
JOU 124	Digital Media Production	JLMC 1000 T	3
JOU 130	Introduction to Audio Production	JLMC 1000 T	3
JOU 142-143	News Practicum I, II	JLMC 1000 T	2 each
JOU 163	News Media and Politics	JLMC 2000 T	3
JOU 165	Principles of Advertising	ADVRT 2300	3
JOU 167	Principles of Public Relations	PR 2200	3
JOU 242-243	News Practicum III, IV	JLMC 2000 T	2 each

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 2000 T	3
LIT 142	Major British Writers	ENGL 2000 T	3
LIT 150-151	World Literature I, II	ENGL 2000 T	3 each
LIT 166	Science Fiction	ENGL 2000 T	3
LIT 180	Mythology	ENGL 2000 T	3
LIT 185	Contemporary Literature	ENGL 2000 T	3
LIT 188	Detective Fiction	ENGL 2000 T	3
LIT 190	Women Writers	ENGL 2000 T	3
LIT 193	Humor in Literature	ENGL 2000 T	3
LIT 209	Literature Film Adaptation	ENGL 2000 T	3
LIT 210	The Graphic Novel	ENGL 2000 T	3

MEDICAL ASSISTANT

MAP 106-807	By Title	CAREER/TECH	
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MATHEMATICS

MAT 045-099	By Title		No Credit
MAT 110	Math for Liberal Arts	MATH 1050	3
MAT 114	Elementary Educators Math I	MATH 1950	3
MAT 116	Elementary Educators Math II	MATH 1960	3
MAT 121	College Algebra	MATH 1400	4
MAT 129	Precalculus	MATH 1430	5
MAT 130	Trigonometry	MATH 1000 T	3
MAT 141	Finite Mathematics	MATH 1040	4

MATHEMATICS, continued

MAT 148	Linear Algebra with Applications	MATH 2070	4
MAT 156	Statistics	STAT 1040	3
MAT 162	Principles of Business Statistics	STAT 2260	4
MAT 164	Calculus for Business and Social Science	MATH 1510	4
MAT 211	Calculus I	MATH 1650	5
MAT 217	Calculus II	MATH 1660	5
MAT 219	Calculus III	MATH 2650	4
MAT 227	Differential Equations with Laplace	MATH 2670	4
MAT 772-773	By Title	CAREER/TECH	
MAT 810	Math for Liberal Arts Support Lab	MATH 1000 T	1
MAT 821	College Algebra Support Lab	MATH 1000 T	1
MAT 841	Finite Mathematics Support Lab	MATH 1000 T	1
MAT 856	Statistics Support Lab	STAT 1000 T	1
MAT 900	Field Studies in Actuarial Science	CAREER/TECH	

MANUFACTURING

MFG 105-932	By Title	CAREER/TECH	
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MANAGEMENT

MGT 101	Principles of Management	MGMT 2000 T	3
MGT 128	Organizational Behavior	CAREER/TECH	
MGT 130	Principles of Supervision	MGMT 2000 T	3
MGT 145	Human Relations in Management	MGMT 2000 T	3
MGT 147	Leadership Development	TSM 2000 T	3
MGT 164	Total Quality Management	TSM 3100	3
MGT 170-190	By Title	CAREER/TECH	
MGT 260	Introduction to Business Logistics	SCM 2000 T	3
MGT 266	Principles of Supply Chain Management	SCM 2000 T	3
MGT 800-802	By Title	CAREER/TECH	

MARKETING

MKT 110	Principles of Marketing	MKT 2000 T	3
MKT 115	Business-to-Business Marketing	MKT 2000 T	3
MKT 121-135	By Title	CAREER/TECH	
MKT 140	Selling	MKT 2000 T	3
MKT 145	Sales Management	MGMT 2000 T	3
MKT 150	Principles of Advertising	ADVRT 2300	3
MKT 160	Principles of Retailing	AMD 2750	3
MKT 182-184	By Title	CAREER/TECH	

MEDICAL LABORATORY TECHNOLOGY

MLT 115-292	By Title	CAREER/TECH	
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MASS MEDIA STUDIES

MMS 208-486	By Title	CAREER/TECH	
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MORTUARY SCIENCE

MOR 215-941	By Title	CAREER/TECH	
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APPLIED MUSIC

MUA 101	Applied Voice	MUSIC 1000 T	1
MUA 120	Applied Piano	MUSIC 1000 T	1
MUA 147	Applied Instrumental	MUSIC 1000 T	1

GENERAL MUSIC

MUS 100	Music Appreciation	MUSIC 1020	3
MUS 102	Music Fundamentals	MUSIC 1010	3
MUS 106	Music Theory I	MUSIC 1010	4
MUS 107	Music Theory II	MUSIC 2240	4
MUS 140	Concert Choir	MUSIC 1000 T	1
MUS 143	Concert Choir	MUSIC 1000 T	3
MUS 202	World Music	MUSIC 2000 T	3
MUS 204	History of Rock and Roll	MUSIC 2000 T	3
MUS 205	Jazz History and Appreciation	MUSIC 2000 T	3
MUS 275	Chamber Ensemble	MUSIC 2000 T	3
MUS 329	Medieval-Renaissance History/Theory	MUSIC 2000 T	4
MUS 337	20th Century Music History/Theory	MUSIC 2000 T	4

COMPUTER NETWORKING

NET 120-966	By Title	CAREER/TECH	
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PHYSICAL EDUCATION ACTIVITIES

PEA 102	Aerobic Fitness I	KIN 1000 T	1
PEA 110	Badminton I	KIN 1220	1
PEA 117	Bowling I	KIN 1290	1
PEA 134	Golf I	KIN 1350	1
PEA 144	Physical Fitness/Conditioning	KIN 2580	2
PEA 146	Physical Fitness I	KIN 1630	1
PEA 164	Swimming I	KIN 1010	1
PEA 174	Tennis I	KIN 1580	1
PEA 176	Volleyball I	KIN 1820	1
PEA 184	Water Safety Instruction/Lifeguard Training	KIN 1000 T	3
PEA 187	Weight Training I	KIN 1660	1
PEA 234	Golf II	KIN 2000 T	1
PEA 248	Advanced Strength and Conditioning	KIN 2660	2
PEA 284	Advanced Lifesaving	KIN 1150	1

COACHING OFFICIATING

PEC 110	Coaching Ethics, Tech, and Theory	KIN 1000 T	1
PEC 115	Athletic Development and Human Growth	KIN 1000 T	1
PEC 122	Introduction to Anatomy and Physiology for Coaching	KIN 1000 T	1
PEC 170	Sports Officiating: Basketball	KIN 1000 T	1
PEC 173	Officiating: Softball/Baseball	KIN 1000 T	1
PEC 177	Sports Officiating: Football	KIN 1000 T	1
PEC 190	Sports Psychology for Coaches	KIN 1000 T	1
PEC 191	Current Issues in Coaching	KIN 1000 T	1
PEC 215	Sport Mechanics for Coaches	KIN 2000 T	1

PHYSICAL EDUCATION AND HEALTH-GENERAL

PEH 102	Health	HS 1100	3
PEH 110	Personal Wellness	KIN 1000 T	2
PEH 120-125	Principles Personal Training I, II	KIN 1000 T	3 each

PHYSICAL EDUCATION AND HEALTH-GENERAL, continued

PEH 141	First Aid	HS 1000 T	2
PEH 162	Introduction to Physical Education	KIN 1000 T	3
PEH 178	Sports Diversity	KIN 1000 T	3
PEH 190	Sports Nutrition	KIN 1000 T	2
PEH 255	Principles of Sports Management	KIN 2000 T	3
PEH 262	Wellness Prog/Planning/Organization	KIN 2000 T	3
PEH 266	Leadership Tech Fitness Program	KIN 2590	3
PEH 920	Field Experience	KIN 2000 T	2

PHYSICAL EDUCATION TRAINING

PET 110	Introduction to Athletic Training	ATR 2200	2
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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 140	Varsity Golf	ATH 1000 T	1
PEV 160	Varsity Softball	ATH 1010K	1
PEV 170	Varsity Volleyball	ATH 1010R	1
PEV 190	Varsity Spirit Squad	KIN 1000 T	1

PHLEBOTOMY

PHB 113-280	By Title	CAREER/TECH	
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PHILOSOPHY

PHI 101	Introduction to Philosophy	PHIL 2010	3
PHI 105	Introduction to Ethics	PHIL 2300	3
PHI 111	Basic Reasoning	PHIL 2060	3

PHARMACY TECHNICIAN

PHR 180-804	By Title	CAREER/TECH	
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PHYSICAL SCIENCE

PHS 152	Astronomy	ASTRO 1200	4
PHS 166	Meteorology, Weather, and Climate	MTEOR 2060	4

PHYSICS

PHY 106	Survey of Physics	PHYS 1000 T	4
PHY 160	General Physics I	PHYS 1310	4
		PHYS 1310L	1
PHY 161	General Physics II	PHYS 1320	4
		PHYS 1320L	1
PHY 213	Classical Physics I	PHYS 2310	5
		PHYS 2310L	1
PHY 223	Classical Physics II	PHYS 2320	5
		PHYS 2320L	1
PHY 710	Technical Physics	CAREER/TECH	

PRACTICAL NURSING

PNN 108-606	By Title	CAREER/TECH	
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POLITICAL SCIENCE

POL 111	American National Government	POLS 1110	3
POL 112	American State and Local Government	POLS 2000 T	3
POL 121	International Relations	POLS 1210	3
POL 125	Comparative Government and Politics	POLS 1250	3
POL 129	Politics of Terrorism	POLS 2000 T	3
POL 163	News Media and Politics	POLS 2000 T	3
POL 171	Introduction to Public Administration	POLS 2000 T	3

PARALEGAL

PRL 102	Introduction to Paralegal Studies	CAREER/TECH	
PRL 103	Introduction to Law	CJ 1000 T	3
PRL 104	Legal Technology and eDiscovery	CAREER/TECH	
PRL 105	Legal Ethics	CJ 1000 T	1
PRL 112, 113	Legal Research and Writing I, II	CJ 1000 T	3 each
PRL 123	Legal Technology and eDiscovery II	CAREER/TECH	
PRL 125	Evidence: Theory and Practice	CJ 1000 T	3
PRL 135-143	By Title	CAREER/TECH	
PRL 151	Real Estate Law	CJ 1000 T	3
PRL 155	Insurance Law and Regulation Compliance	CAREER/TECH	
PRL 161	Family Law	CJ 1000 T	3
PRL 167	Probate Procedure	CJ 1000 T	3
PRL 171	Administrative Law	CJ 1000 T	3
PRL 174-932	By Title	CAREER/TECH	

PSYCHOLOGY

PSY 102	Human and Work Relations	PSYCH 1000 T	3
PSY 111	Introduction to Psychology	PSYCH 1010	3
PSY 121	Developmental Psychology	PSYCH 2300	3
PSY 140	Exploring Mental Health	PSYCH 1000 T	3
PSY 172	Stress and Stress Management	PSYCH 1000 T	3
PSY 241	Abnormal Psychology	PSYCH 2000 T	3
PSY 251	Social Psychology	PSYCH 2800	3
PSY 261	Human Sexuality	HDFS 2760	3
PSY 281	Educational Psychology	PSYCH 3330	3
PSY 291	Principles of Behavior Modification	PSYCH 2000 T	3

RESPIRATORY THERAPY

RCP 100-805	By Title	CAREER/TECH	
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READING

RDG 038-049	By Title		No Credit
RDG 163	Speed Reading	ENGL 1000 T	3

RELIGION

REL 101	Survey of World Religions	RELIG 2050	3
REL 130	Introduction to Religions of the East	RELIG 1000 T	3
REL 140	Religion in the United States	RELIG 2100	3
REL 150	Introduction to the Bible	RELIG 1000 T	3

RAILROAD OPERATIONS

RRO 101	Railcar Safety	CAREER/TECH	
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SCIENCE

SCI 255	Introduction to Scientific Computing	COMS 2000 T	4
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STUDENT DEVELOPMENT

SDV 108	The College Experience	ORTR 1000 T	1
SDV 115	Study Strategies	PSYCH 1310	2
SDV 129	Transition to College	ORTR 1000 T	1
SDV 157	Building a Professional Portfolio	CAREER/TECH	
SDV 164	Electronic Portfolio Development	TRNSF 1000 T	2
SDV 165	Transfer Planning	UST 1000 T	1
SDV 171	Library Instruction	LIB 1600	1
SDV 197	SAC Experience	TRNSF 1000 T	1
SDV 212-227	By Title	CAREER/TECH	
SDV 288	Leadership Development Studies	TRNSF 2000 T	3

SUSTAINABLE ENERGY RESOURCES

SER 260	Solar Plus Storage Concepts	CAREER/TECH	
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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 165	Group Dynamics	SOC 2000 T	3
SOC 200	Minority Group Relations	SOC 2000 T	3
SOC 225	Social Gerontology/Applications	SOC 2000 T	4
SOC 226	Issues in Aging	SOC 2000 T	2
SOC 282	Environmental Sociology	SOC 2000 T	3

SPEECH

SPC 101	Fundamentals of Oral Communication	SPCM 2120	3
SPC 120	Intercultural Communication	COMST 1000 T	3
SPC 122	Interpersonal Communication	COMST 2110	3
SPC 126	Interpersonal and Small Group Communication	COMST 2110	3
SPC 170	Professional Communication	COMST 2140	3

LAND SURVEYING

SRV 110-305	By Title	CAREER/TECH	
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SURGICAL TECHNOLOGY

SUR 105-910	By Title	CAREER/TECH	
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TELECOMMUNICATION

TEL 111-243	By Title	CAREER/TECH	
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WATER AND WASTEWATER TREATMENT TECHNOLOGY

WAT 100-932	By Title	CAREER/TECH	
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WORK-BASED LEARNING

WBL 100-150	By Title	CAREER/TECH	
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WEB DEVELOPER

WDV 101-932	By Title	CAREER/TECH	
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WELDING

WEL 208-710 By Title

CAREER/TECH

WIND ENERGY AND TURBINE TECH

WTT 103-247 By Title

CAREER/TECH