Course Equivalency Guide

between

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

and

Joliet Junior College
815 729-9020
www.jjc.edu

Based on the Joliet Junior College 2023-2024 General Catalog and the 2023-2024 Iowa State University Bulletin

How to Read the Course Equivalency Guide

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course applies toward your degree program at Iowa State University. Please note that equivalencies are date-specific and dependent on when the course was taken.

• If there is a course directly equivalent to the community college course, the Iowa State department and course number is listed.

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

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

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

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

JOLIET JUNIOR COLLEGE		ISU EQUIVALENT	CREDITS

ACCOUNTING

ACCY 100	Introduction to Accounting	CAREER/TECH	
ACCY 101	Accounting I	ACCT 284	4
ACCY 102	Accounting II	ACCT 285	4
ACCY 107-108	By Title	CAREER/TECH	
ACCY 209	Cost Accounting	ACCT 2T**	3
ACCY 270-271	By Title	CAREER/TECH	

ARCHITECTURE ENGINEERING & CONSTRUCTION TECHNOLOGY

AEC 100-299	By Title	CAREER/TECH	

AGRICULTURE

AGRI 100	Animal Science	AN S 114	4
AGRI 101	Dairy Science	AN S 235	3
AGRI 102	Principles of Feeding & Animal Nutrition	AN S 1T**	3
AGRI 103	Agriculture Economics	ECON 1T**	3
AGRI 104	Live Animal Evaluation	CAREER/TECH	
AGRI 105	Crop Production	AGRON 181	4
AGRI 107	Genetics in Agriculture	AN S 1T**	2
AGRI 108-109	By Title	CAREER/TECH	
AGRI 110	Introduction to Agriculture Education	AGEDS 1T**	3
AGRI 111	Practicum/Intercoll Livestock Judging	CAREER/TECH	
AGRI 115	Introduction to Microcomputer Skills in Agriculture	TSM 1T**	3
AGRI 119	Introduction to Veterinary Medical Technology	CAREER/TECH	
AGRI 120	Introduction to Agricultural/Supply Business	ECON 1T**	3
AGRI 121	Retailing of Agricultural Supplies	ECON 1T**	3
AGRI 126	Introductory Soils	AGRON 182	4
AGRI 127	Fertilizers and Soil Fertility	AGRON 1T**	3
AGRI 129	Agricultural Computations	AGEDS 1T**	3
AGRI 133	Agricultural Business Experience	ECON 1T**	5
AGRI 143	Ag Production & Management Summer Experience	CAREER/TECH	
AGRI 150	Introduction to Agricultural Mechanization	TSM 1T**	3
AGRI 151-155	By Title	CAREER/TECH	
AGRI 180	Information Technology in Agriculture	TSM 1T**	3
AGRI 202-204	By Title	CAREER/TECH	
AGRI 223	Crop Protection	AGRON 1T**	4
AGRI 224	Agricultural Business Management	ECON 1T**	3
AGRI 230	Agricultural Seminar	AGEDS 1T**	6
AGRI 232-251	By Title	CAREER/TECH	
AGRI 260	Marketing Agricultural Products	ECON 235	3
AGRI 261	Farm Management	ECON 230	5
AGRI 262	Agriculture Credit and Finance	ECON 1T**	3
AGRI 275-299	By Title	CAREER/TECH	

ANTHROPOLOGY

ANTH 101	Introduction to Anthropology	ANTHR 1T**	3
ANTH 210	Physical Anthropology	ANTHR 202	3
ANTH 215	Archaeology	ANTHR 2T**	3
ANTH 220	Forensic Anthropology	ANTHR 2T**	3
ANTH 275	Cultural Anthropology	ANTHR 201	3

ARABIC LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

ARAB 110-111	By Title		No Credit

ARCHITECTURAL TECHNOLOGY

ARCH 100-299	By Title	CAREER/TECH	

ART

ART 101	Drawing I	ART 1T**	3
ART 102	Drawing II	ART 1T**	3
ART 103	2D Design	ART 1T**	3
ART 104	3D Design	ART 1T**	3
ART 105	Painting I	ART 1T**	3
ART 106	Painting II	ART 1T**	3
ART 109	Introduction to the Visual Arts	ART 1T**	3
ART 110	Introduction to Computer Graphics	ART 1T**	3
ART 111	Ceramics I	ART 1T**	3
ART 112	Ceramics II	ART 1T**	3
ART 113	International Ceramics	ART 1T**	3
ART 115*	Introduction to Ancient and Medieval Art	ART H 1T**	3
ART 118	History of Chicago Architecture 19th-20th Centuries	ARCH 1T**	3
ART 119	Introduction - Renaissance to Modern Art	ART H 1T**	3
ART 126	Digital Photography	ART 1T**	3
ART 151	Computer Art I	ART 1T**	3
ART 152	Typography	ART 1T**	3
ART 213	Figure Drawing I	ART 2T**	3
ART 214	Figure Drawing II	ART 2T**	3
ART 223	History of Art in Architecture	ARCH 2T**	3
ART 226	Digital Image Manipulation	ART 2T**	3
ART 227	Digital Illustration	ART 2T**	3
ART 228	Digital Layout	ART 2T**	3
ART 230	History of Graphic Design	ART 2T**	3
ART 240	Jewelry and Metalsmithing I	ART 2T**	3
ART 241	Jewelry and Metalsmithing II	ART 2T**	3
ART 251	Computer Art II	ART 2T**	3
ART 252	Type & Image	ART 2T**	3
ART 280	Corporate Identity	ART 2T**	3
ART 290	Portfolio	ART 2T**	3
ART 299	Special Topics in Studio Art	ART 2T**	3

AUTOMOTIVE SERVICE TECHNOLOGY

AS 101-299	By Title	CAREER/TECH	

ASTRONOMY

ASTR 101	Descriptive Astronomy	ASTRO 120	3

BIOLOGY

BIO 100	Medical Terminology	CAREER/TECH	
BIO 103	Health	H S 1T**	3
BIO 104	Biological Diversity	BIOL 1T**	5
BIO 106	Animals and Society	BIOL 1T**	4
BIO 107	Plants and Society	BIOL 1T**	4
BIO 125	Human Biology	BIOL 155	4
BIO 131	Human Structure and Function	BIOL 1T**	3
BIO 144	Introduction to Human Heredity	GEN 260	3
BIO 146	Environmental Biology	BIOL 1T**	3
BIO 149	Principles of Biology	BIOL 1T**	4

BIOLOGY, continued

BIO 151*	General Biology I	BIOL 2T**	5
BIO 152*	General Biology II	BIOL 2T**	5

*When BIO 151 and BIO 152 are both taken, the courses will transfer as
BIOL 211 (3), BIOL 211L (2), BIOL 212 (3), and BIOL 212L (2).*

BIO 160	Mammalian Anatomy and Physiology	CAREER/TECH	
BIO 240	Microbiology	MICRO 201	3
		MICRO 201L	1
BIO 250**	Human Anatomy and Physiology I	BIOL 2T**	4
BIO 251**	Human Anatomy and Physiology II	BIOL 2T**	4

**When BIO 250 and BIO 251 are both taken, the courses will transfer as
BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO 252	Human Anatomy Cadaver Dissection	BIOL 2T**	4

BUSINESS LAW

BLAW 101	Business Law I	ACCT 215	3
BLAW 102	Business Law II	ACCT 2T**	3
BLAW 120	Legal Aspects of Health Information Management	CAREER/TECH	
BLAW 240	Introduction to Cyber Law	ACCT 2T**	3

BUSINESS MATHEMATICS

BMAT 101	Business Mathematics	CAREER/TECH	

BUSINESS

BUS 101	Introduction to Business	BUSAD 1T**	3
BUS 110	Principles of Customer Service	BUSAD 1T**	3
BUS 111	Principles of Business Communications	COMM 1T**	3
BUS 205	Business Statistics	STAT 2T**	4
BUS 210-211	By Title	CAREER/TECH	
BUS 214	International Business	MGMT 2T**	3
BUS 299	Special Topics in Business	CAREER/TECH	

CULINARY ARTS

CA 101-299	By Title	CAREER/TECH	

COMPUTER AIDED DESIGN & DRAFTING

CADD 100-299	By Title	CAREER/TECH	

CHILD DEVELOPMENT

CDEV 101-270	By Title	CAREER/TECH	

CHEMISTRY

CHEM 100	Fundamentals of Chemistry	CHEM 1T**	5
CHEM 101	General Chemistry I	CHEM 177	4
	General Chemistry I Lab	CHEM 177L	1
CHEM 102	General Chemistry II	CHEM 178	4
	General Chemistry II Lab	CHEM 178L	1
CHEM 104	Chemistry and Society	CHEM 160	3
CHEM 108	Elementary Organic Chemistry	CHEM 231	3
	Elementary Organic Chemistry Lab	CHEM 231L	1

CHEMISTRY, continued

CHEM 209	Organic Chemistry I	CHEM 331	4
	Organic Chemistry I Lab	CHEM 331L	1
CHEM 210	Organic Chemistry II	CHEM 332	4
	Organic Chemistry II Lab	CHEM 332L	1
CHEM 212	Introduction to Biochemistry	CHEM 2T**	3

CHINESE LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

CHIN 110-111	By Title		No Credit

COMPUTER INFORMATION SYSTEMS

CIS 122	Computer Info Systems Fundamentals	COM S 103	4
CIS 123	Linux Essentials Network Development Group	CAREER/TECH	
CIS 124	Beginning Microcomputer Applications	COM S 1T**	3
CIS 125-126	By Title	CAREER/TECH	
CIS 128	Computers for Educators	EDUC 1T**	3
CIS 130	BASIC Programming	COM S 1T**	4
CIS 135	Introduction to Programming	CAREER/TECH	4
CIS 136	PASCAL Programming	COM S 1T**	4
CIS 143-236	By Title	CAREER/TECH	
CIS 240	Management Information Systems	MIS 2T**	3
CIS 241	Web Compliance, UX, and WCAG	CAREER/TECH	
CIS 246	Advanced C Using C++	COM S 2T**	3
CIS 250	Systems Analysis and Design	COM S 2T**	3
CIS 255-299	By Title	CAREER/TECH	

CONSTRUCTION MANAGEMENT

CM 100-260	By Title	CAREER/TECH	

COMPUTER NETWORKING TECHNOLOGIST

CNT 101-299	By Title	CAREER/TECH	

COMMUNICATION

COMM 101	Principles of Communication	SP CM 212	3
COMM 202	Interpersonal Communication	COMST 211	3
COMM 203	Small Group Communication	COMST 2T**	3
COMM 204	Intercultural Communication	COMST 2T**	3
COMM 205	Advanced Public Speaking	SP CM 2T**	3

CRIMINAL JUSTICE

CRJ 100	Introduction to Criminal Justice System	C J 240	3
CRJ 105	Introduction to Corrections	C J 1T**	3
CRJ 120	Juvenile Delinquency	SOC 1T**	3
CRJ 200	Criminology	C J 242	3
CRJ 211	Criminal and Social Justice	C J 2T**	3
CRJ 216	Victimology	C J 2T**	3

DIGITAL MEDIA PRODUCTION

DGTL 100-299	By Title	CAREER/TECH	

DIAGNOSTIC MEDICAL SONOGRAPHY

DMS 110-252	By Title	CAREER/TECH	

JOLIET JUNIOR COLLEGE		ISU EQUIVALENT	CREDITS
ECONOMICS			
ECON 103	Principles Economics I (Macroeconomics)	ECON 102	3
ECON 104	Principles of Economics II (Microeconomics)	ECON 101	3
ECON 111	Introduction to International Economics	ECON 1T**	3
ECON 210	Modern Money and Banking	ECON 2T**	3
EDUCATION			
EDUC 101	Introduction to Education	EDUC 204	3
EDUC 108	Teaching Language Arts	EDUC 1T**	3
EDUC 120	Diversity of Schools and Society	EDUC 1T**	3
EDUC 230	Classroom Tools and Resources	EDUC 2T**	3
EDUC 240	Students with Disabilities in Schools	SP ED 250	3
EDUC 251	Education Internship and Seminar	EDUC 2T**	3
ELECTRICAL/ELECTRONIC AUTOMATED SYSTEMS TECHNOLOGY			
EEAS 101-299	By Title	CAREER/TECH	
ELECTRONICS ENGINEERING TECHNOLOGY			
EET 101-225	By Title	CAREER/TECH	
ENGINEERING			
EGR 100	Introduction to Engineering Graphics	ENGR 1T**	1
EGR 101	Engineering Graphical Communications	ENGR 1T**	4
EGR 102	Engineering Graphics 2	ENGR 1T**	4
EGR 105	Introduction to Engineering	ENGR 1T**	2
EGR 160	Applied Thermodynamics	CAREER/TECH	
EGR 201	Analytical Mechanics-Statics	C E 274	3
EGR 202	Analytical Mechanics-Dynamics	M E 345	3
EGR 203	Mechanics: Strength of Materials	ENGR 2T**	3
EGR 210	Digital Systems	ENGR 2T**	4
EGR 220	Electrical Circuit Analysis	ENGR 2T**	4
EMERGENCY MEDICAL DISPATCH			
EMD 120	Emergency Medical Dispatch	CAREER/TECH	
EMERGENCY MEDICAL SERVICES			
EMS 100-219	By Title	CAREER/TECH	
ENGLISH			
ENG 020-099	By Title	ENGL 50	No Credit
ENG 101	Rhetoric I	ENGL 150	3
ENG 102	Rhetoric II	ENGL 250	3
ENG 103	American Literature	ENGL 227	3
ENG 104	American Literature	ENGL 228	3
ENG 105	Survey of English Literature	ENGL 225	3
ENG 106	Survey of English Literature	ENGL 226	3
ENG 109	Children's Literature	HD FS 240	3
ENG 120	Introduction to Creative Writing	ENGL 207	3
ENG 130	Technical Writing and Communication	ENGL 2T**	3
ENG 190	Introduction to Film Study	ENGL 2T**	3
ENG 201	Introduction to Poetry	ENGL 2T**	3
ENG 202	Introduction to Fiction	ENGL 2T**	3
ENG 203	Introduction to Drama	ENGL 2T**	3

ENGLISH, continued

ENG 204	Introduction to Literature	ENGL 201	3
ENG 205	Introduction to Linguistics	ENGL 2T**	3
ENG 208	Masterpieces of Western Civilization	ENGL 2T**	3
ENG 209	Masterpieces of Western Civilization	ENGL 2T**	3
ENG 220	Non-Western Literature in Translation	ENGL 2T**	3
ENG 230	Adv Technical Writing and Communication	ENGL 2T**	3
ENG 231	Fiction Writing	ENGL 207	3
ENG 232	Poetry Writing	ENGL 2T**	3
ENG 250	Introduction to Shakespeare	ENGL 2T**	3
ENG 260	Minority American Literature	ENGL 2T**	3
ENG 270	Introduction to Women Writers	ENGL 2T**	3
ENG 299	Special Topics in Literature & Film	ENGL 2T**	3

FINANCE

FIN 100	Personal Finance	HD FS 283	3
FIN 201	Principles of Corporation Finance	FIN 2T**	3
FIN 210	By Title	CAREER/TECH	

FRENCH

FRCH 101	Elementary French I	FRNCH 101	4
FRCH 102	Elementary French II	FRNCH 102	4
FRCH 103	Intermediate French I	FRNCH 201	4
FRCH 104	Intermediate French II	FRNCH 202	4

FIRE SCIENCE TECHNOLOGY

FSCI 101-246	By Title	CAREER/TECH	

GAME DESIGN

GAME 200-299	By Title	CAREER/TECH	

GEOGRAPHY

GEOG 102	World Regional Geography	S SCI 1T**	3
GEOG 104	Introductory Economic Geography	S SCI 1T**	3
GEOG 106	Cultural Geography	S SCI 1T**	3
GEOG 111	Physical Geography-Weather & Climate	SCI 1T**	4
GEOG 112	Physical Geography-Landforms	SCI 1T**	4

GEOLOGY

GEOL 101	Principles of Physical Geology	GEOL 100	3
	Principles of Physical Geology Lab	GEOL 100L	1
GEOL 102	Historical Geology	GEOL 1T**	4

GERMAN LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

GER 110-111	By Title		No Credit
GER 112	Intermediate German I	GER 201	3

GEOGRAPHIC INFORMATION SYSTEMS

GIS 101	Introduction to GIS Technology	CAREER/TECH	

HEALTH

HEAL 109	Principles of Normal Nutrition	FS HN 167	2

HEALTH INFORMATION MANAGEMENT

HIM 101-299	By Title	CAREER/TECH	

HISTORY

HIST 103	History of the United States to 1865	HIST 221	3
HIST 104	History of the United States 1865-Present	HIST 222	3
HIST 105	History of Civilization I	HIST 201	3
HIST 106	History of Civilization II	HIST 202	3
HIST 107	World History to 1500	HIST 201	3
HIST 108	World History Since 1500	HIST 202	3
HIST 109	North American Indian History	HIST 1T**	3
HIST 111	History of Horticulture	HORT 2T**	3
HIST 200	History of Great Britain Since 1688	HIST 2T**	3
HIST 201	Modern Europe Since 1815	HIST 2T**	3
HIST 205	French Revolution	HIST 2T**	3
HIST 215	Science & Tech in Modern World History	HIST 2T**	3
HIST 220	History of Soviet Russia	HIST 2T**	3
HIST 240	History of Latin America	HIST 2T**	3
HIST 250	The Civil War and Reconstruction	HIST 2T**	3
HIST 260	History of the Middle East	HIST 2T**	3
HIST 270	History of World War II	HIST 2T**	3
HIST 290	History of Africa	HIST 2T**	3
HIST 293	History of Black America	HIST 2T**	3

HORTICULTURE

HORT 100	Introduction to Horticulture	HORT 121	3
HORT 105	Insects and People	ENT 1T**	3
HORT 151-152	By Title	CAREER/TECH	
HORT 160	Principles of Horticultural Plants	HORT 221	4
HORT 161	Herbaceous Plants I	HORT 2T**	3
HORT 162	Woody Ornamentals	HORT 240	3
HORT 163	Evergreens, Vines, and Groundcovers	CAREER/TECH	
HORT 164	Herbaceous Plants II	HORT 330	3
HORT 185-223	By Title	CAREER/TECH	
HORT 243	Entomology	HORT 283	3
HORT 250	Landscape Plans	HORT 2T**	4
HORT 251	Landscape Layout and Design	HORT 2T**	3
HORT 252	Cmptr Landscape Design of Herbaceous Gardens	HORT 2T**	3
HORT 253	Landscape Construction	HORT 2T**	3
HORT 254-255	By Title	CAREER/TECH	
HORT 256	Computer Landscape Design	HORT 2T**	3
HORT 257	Videoscape Design	CAREER/TECH	
HORT 260	Turf Management I	HORT 1T**	3
HORT 261	Turf Management II	HORT 2T**	3
HORT 270	Plant Propagation	HORT 322	4
HORT 271	Nursery Production and Practices	HORT 2T**	3
HORT 280	Floral Design	HORT 1T**	4
HORT 281	Greenhouse Management and Production	HORT 2T**	3
HORT 282	Interior Plants and Plantscaping	HORT 2T**	3
HORT 283	Floral Design II	HORT 2T**	4
HORT 285	Floral Design III	HORT 1T**	3
HORT 286-299	By Title	CAREER/TECH	

JOLIET JUNIOR COLLEGE		ISU EQUIVALENT	CREDITS
HOSPITALITY MANAGEMENT			
HOSP 120-299	By Title	CAREER/TECH	
HUMAN SERVICES			
HUS 101-210	By Title	CAREER/TECH	
HEATING VENTILATION AND AIR CONDITIONING			
HVAC 120-299	By Title	CAREER/TECH	
INDUSTRIAL MAINTENANCE TECHNOLOGY			
IMT 101-211	By Title	CAREER/TECH	
INDEPENDENT STUDY			
INDS 199	Independent Study	XXX 1T**	1-4
INTERNATIONAL STUDIES			
INST 101	Intro to International Studies	INTST 1T**	3
INST 102	Global Interaction Skills	INTST 1T**	3
INTERIOR DESIGN			
INTD 100	Interior Design Survey	ART 1T**	3
INTD 101-109	By Title	CAREER/TECH	
INTD 116	Furniture History	ART 1T**	3
INTD 118-215	By Title	CAREER/TECH	
INTD 216	Historical Interiors	ART 2T**	3
INTD 220-240	By Title	CAREER/TECH	
ITALIAN LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)			
ITAL 110-112	By Title		No Credit
JAPANESE LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)			
JAPN 110-112	By Title		No Credit
JOURNALISM			
JOUR 102	Editing and Production	JL MC 1T**	3
JOUR 103	Introduction to Mass Media	JL MC 101	3
JOUR 104	Introduction to Public Relations	P R 1T**	3
JOUR 201	News Reporting and Writing	JL MC 2T**	3
JOUR 295	Journalism Internship	JL MC 2T**	1-3
KINESIOLOGY			
KIN 105	Aerobics	KIN 1T**	1
KIN 106	Spinning	KIN 1T**	1
KIN 107	Yoga	KIN 1T**	1
KIN 108	Pilates/Core and More	KIN 1T**	1
KIN 110	Dance Techniques in Exercise	KIN 1T**	1
KIN 111	Spinning and Core/Abs and Arms	KIN 1T**	1
KIN 150	Exercise and Nutrition for Health	KIN 1T**	2
KIN 160	Group Exercise Instruction	KIN 1T**	2
KIN 170	Resistance Training/Theory & Practice	KIN 1T**	2
KIN 200	Intro to Personal Training	KIN 2T**	3
KIN 201	Introduction to Exercise Science	KIN 2T**	3
KIN 207	First Aid/CPR/AEC	H S 105	2

KINESIOLOGY, continued

KIN 208	Introduction to Athletic Training	A TR 220	3
KIN 215	Nutrition for Health and Fitness	KIN 2T**	3
KIN 220	Fitness Assessment and Program Design	KIN 2T**	3
KIN 221	Health and Fitness Industry Management	KIN 2T**	3
KIN 238-239	By Title	CAREER/TECH	
KIN 299	Special Topics in Kinesiology	KIN 2T**	1-3

KOREAN

KOR 110	Conversational Korean I	WLC 1T**	3
KOR 111	Conversational Korean II	WLC 1T**	3

LANGUAGE

LANG 107-299	By Title		No Credit

LAW ENFORCEMENT

LENF 101	Introduction to Law Enforcement	C J 1T**	3
LENF 103	Criminal Law	C J 1T**	3
LENF 111-222	By Title	CAREER/TECH	
LENF 225	Constitutional Law	C J 2T**	3
LENF 230-240	By Title	CAREER/TECH	
LENF 270	Emerging Issues in Policing	C J 2T**	3

LIBRARY RESOURCES

LRES 100	Information in Society	LIB 1T**	2

LIBRARY TECHNICAL ASSISTANT

LTA 101-208	By Title	CAREER/TECH	

MEDICAL ASSISTING

MA 100-111	By Title	CAREER/TECH	

MATHEMATICS

MATH 027-095	By Title		No Credit
MATH 098*	Intermediate Algebra	MATH 100Z	4

Transfer Credit in MATH 100Z does not count toward graduation.

MATH 119	Mathematics for Technical Students	CAREER/TECH	
MATH 123	Math Struct/Concepts I for Elem Teachers	MATH 195	4
MATH 124	Math Struct/Concepts II for Elem Teachers	MATH 196	3
MATH 125	Introduction to the Graphing Calculator	CAREER/TECH	
MATH 127	Mathematics for General Education	MATH 1T**	3
MATH 128	Elementary Statistics	STAT 101	4
MATH 131	College Algebra	MATH 140	4
MATH 137	Introduction to Discrete Mathematics	COM S 1T**	4
MATH 138	Pre-Calculus I: Algebra	MATH 1T**	4
MATH 139	Pre-Calculus II: Trigonometry	MATH 1T**	4
MATH 142	Accelerated Trigonometry/Pre-Calculus	MATH 1T**	5
MATH 150	Mathematical Analysis for Business	MATH 151	4
MATH 153	Finite Mathematics	MATH 150	4
MATH 170	Calculus with Analytic Geometry I	MATH 165	5
MATH 171	Calculus with Analytic Geometry II	MATH 166	4
MATH 172	Calculus with Analytic Geometry III	MATH 265	4

| MATH 210 | Linear Algebra | MATH 2T** | 3 |

MATHEMATICS, continued

| MATH 220 | Differential Equations & Orthogonal Func | MATH 267 | 3 |
| MATH 299 | Special Topics in Math or Statistics | MATH 2T** | 3-4 |

MANUFACTURING

| MFG 101-299 | By Title | CAREER/TECH | |

MANAGEMENT

MGMT 101	Principles of Management	MGMT 1T**	3
MGMT 102	Human Relations	MGMT 1T**	3
MGMT 103	Occupational Safety and Health	TSM 1T**	3
MGMT 202	Human Resources Management	MGMT 2T**	3
MGMT 220	Entrepreneurship & Small Business Mgmt	MGMT 2T**	3
MGMT 299	Special Topics in Management	MGMT 2T**	1-3

MARKETING

MKTG 101	Principles of Marketing	MKT 1T**	3
MKTG 200	By Title	CAREER/TECH	
MKTG 205	Professional Sales	MKT 2T**	3
MKTG 210	Principles of Advertising	ADVRT 1T**	3
MKTG 215	Retail Management	CAREER/TECH	
MKTG 220	International Marketing	MKT 2T**	3
MKTG 299	Special Topics in Marketing	MKT 2T**	1-4

MUSIC

MUS 101	Exploration of Music Literature	MUSIC 1T**	3
MUS 102	Exploration of American Music	MUSIC 1T**	3
MUS 103	Evolution of Jazz	MUSIC 1T**	3
MUS 104	Fundamentals of Music	MUSIC 101	3
MUS 107	Music in World Cultures	MUSIC 1T**	3
MUS 108	History of Rock and Roll: An Introduction	MUSIC 1T**	3
MUS 110	Class Piano	MUSIC 1T**	1
MUS 111	Class Voice	MUSIC 1T**	1
MUS 112	Class Guitar	MUSIC 1T**	1
MUS 113	Class Percussion	MUSIC 1T**	1
MUS 120	Applied Piano	MUSIC 1T**	1
MUS 121	Applied Voice	MUSIC 1T**	1
MUS 122	Applied Woodwind	MUSIC 1T**	1
MUS 123	Applied Brass	MUSIC 1T**	1
MUS 124	Applied Instrument	MUSIC 1T**	1
MUS 125	Applied Percussion	MUSIC 1T**	1
MUS 126	Applied Guitar	MUSIC 1T**	1
MUS 127	Applied Bass	MUSIC 1T**	1
MUS 131	Elements of Conducting	MUSIC 1T**	2
MUS 140, 142	Theory of Music I, II	MUSIC 1T**	3 each
MUS 141, 143	Aural Skills I, II	MUSIC 1T**	1 each
MUS 150	JJC Chamber Singers	MUSIC 1T**	1
MUS 152	JJC Chorale	MUSIC 1T**	1
MUS 155	JJC Community Band	MUSIC 1T**	1
MUS 156	JJC Jazz Band	MUSIC 1T**	1
MUS 160	Instrumental Ensemble	MUSIC 1T**	1
MUS 170	Introduction to Music Business	MUSIC 1T**	3

MUSIC, continued

MUS 180	Introduction to Music Technology	MUSIC 1T**	3
MUS 181	Intermediate Music Technology	MUSIC 1T**	3
MUS 189	Music Technology Practicum	MUSIC 1T**	1
MUS 201, 202	Music History I, II	MUSIC 2T**	3 each
MUS 220	Applied Piano	MUSIC 2T**	2
MUS 221	Applied Voice	MUSIC 2T**	2
MUS 222	Applied Woodwinds	MUSIC 2T**	2
MUS 223	Applied Brass	MUSIC 2T**	2
MUS 224	Applied Instrument	MUSIC 2T**	2
MUS 225	Applied Percussion	MUSIC 2T**	2
MUS 226	Applied Guitar	MUSIC 2T**	2
MUS 227	Applied Bass	MUSIC 2T**	2
MUS 240, 242	Advanced Theory of Music I, II	MUSIC 2T**	3 each
MUS 241, 243	Advanced Aural Skills I, II	MUSIC 2T**	1 each
MUS 299	Special Topics in Music	MUSIC 2T**	1

NURSE ASSISTANT SKILLS

NA 101	By Title	CAREER/TECH	

NATURAL SCIENCE

NSCI 296	Interdisciplinary Research	SCI 2T**	4
NSCI 297	Undergraduate Research	SCI 2T**	2

NURSING

NURS 100-260	By Title	CAREER/TECH	

OPERATIONS ENGINEERING TECHNICIAN

OET 101-295	By Title	CAREER/TECH	

OFFICE SYSTEMS TECHNOLOGIES

OFS 103-299	By Title	CAREER/TECH	

OCCUPATIONAL AND PUBLIC SAFETY

OPS 111-299	By Title	CAREER/TECH	

ORTHOTICS AND PROSTHETICS

OPT 100-299	By Title	CAREER/TECH	

PROCESS CONTROL & INSTRUMENTATION TECHNOLOGY

PCIT 101-241	By Title	CAREER/TECH	

PHILOSOPHY

PHIL 101	Introduction to Philosophy	PHIL 201	3
PHIL 102	History of Philosophy	PHIL 1T**	3
PHIL 103	Introduction to Ethics	PHIL 230	3
PHIL 104	Introduction to Logic	PHIL 206	3
PHIL 105	Contemporary Moral Issues	PHIL 1T**	3
PHIL 106	Philosophy of Religion	PHIL 1T**	3
PHIL 107	Introduction to Social and Political Philosophy	PHIL 1T**	3
PHIL 299	Special Topics in Philosophy	PHIL 2T**	1-3

PHYSICAL EDUCATION

HPR 101	Fitness Center	KIN 1T**	1
HPR 107	Golf I	KIN 135	1
HPR 108	Golf II	KIN 1T**	1
HPR 117	Men's Conditioning I	KIN 1T**	1
HPR 118	Men's Conditioning II	KIN 1T**	1
HPR 120	Women's Conditioning I	KIN 1T**	1
HPR 213	Basketball Coaching	KIN 2T**	3
HPR 217	Baseball Coaching	KIN 2T**	3
HPR 220	Soccer Coaching	KIN 2T**	3

PHYSICAL SCIENCE

PHSCI 125	Life in the Universe	SCI 1T**	3

PHYSICS

PHYS 100	Basic Physics	PHYS 106	4
PHYS 101	General Physics I	PHYS 131	4
		PHYS 131L	1
PHYS 102	General Physics II	PHYS 132	4
		PHYS 132L	1
PHYS 103-104	By Title	CAREER/TECH	
PHYS 110	Physics of Sound, Music and Hearing	PHYS 1T**	4
PHYS 201	Engineering Physics I	PHYS 231	4
		PHYS 231L	1
PHYS 202	Engineering Physics II	PHYS 232	4
		PHYS 232L	1
PHYS 203	Engineering Physics III	PHYS 2T**	3

PARALEGAL STUDIES

PLS 100-299	By Title	CAREER/TECH	

POLISH LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

POL 110-111	By Title		No Credit

PORTUGUESE LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

PORT 110-111	By Title		No Credit

POLITICAL SCIENCE

PSCI 100	Introduction to Politcal Science	POL S 1T**	3
PSCI 101	American National Government	POL S 111	3
PSCI 102	American State and Local Government	POL S 1T**	3
PSCI 201	International Relations	POL S 2T**	3
PSCI 202	Non-Western Comparative Government	POL S 2T**	3

PSYCHOLOGY

PSYC 101	General Psychology	PSYCH 101	3
PSYC 102	Educational Psychology	PSYCH 2T**	3
PSYC 205	Abnormal Psychology	PSYCH 2T**	3
PSYC 206	Industrial Psychology	PSYCH 2T**	3
PSYC 207	Psychology of Personality	PSYCH 2T**	3
PSYC 208	Social Psychology	PSYCH 280	3
PSYC 209	Child Psychology	PSYCH 2T**	3
PSYC 210	Adolescent Psychology	PSYCH 2T**	3

PSYCHOLOGY, continued

PSYC 215	Life Span: Survey of Human Development	PSYCH 230	3
PSYC 220	Adult Developing and Aging	PSYCH 2T**	3
PSYC 270	Health Psychology	PSYCH 2T**	3
PSYC 272	Stress Management	PSYCH 2T**	3

RADIOLOGY TECHNOLOGY

RADT 106-232	By Title	CAREER/TECH	

RESPIRATORY CARE

RESP 101-206	By Title	CAREER/TECH	

RESOURCE MANAGEMENT CONSERVATION

RMGT 101	Conservation	N REM 1T**	3

RUSSIAN LANGUAGE (SELF-INSTRUCTIONAL LANGUAGE PROGRAM)

RUSS 110-111	By Title		No Credit

SUPPLY CHAIN MANAGEMENT

SCM 100-140	By Title	CAREER/TECH	

SUSTAINABILITY

SET 100	Introduction to Sustainability	CAREER/TECH	

SOCIOLOGY

SOC 101	Introduction to Sociology	SOC 134	3
SOC 110	Introduction to Rural Sociology	SOC 1T**	3
SOC 220	Sex, Gender, and Power	SOC 2T**	3
SOC 240	Introduction to Comparative Religion	RELIG 105	3
SOC 265	Sociology of War, Conflict and Peace	SOC 2T**	3
SOC 270	Marriage and the Family	SOC 219	3
SOC 280	Sociology of Social Problems	SOC 235	3
SOC 290	Cultural Diversity in America	SOC 2T**	3
SOC 293	Human Sexualities	HD FS 276	3
SOC 295	Sociology of Black America	SOC 2T**	3

SPANISH

SPAN 101	Elementary Spanish I	SPAN 101	4
SPAN 102	Elementary Spanish II	SPAN 102	4
SPAN 103	Intermediate Spanish I	SPAN 201	4
SPAN 104	Intermediate Spanish II	SPAN 202	4

STATISTICS

STAT 101	Introduction to Data Science	STAT 1T**	3
STAT 228	Advanced Statistics	STAT 2T**	3
STAT 229	Statistical Programming	STAT 2T**	3
STAT 230	Data Visualization	STAT 2T**	3

THEATRE

THEA 101	Theatre Appreciation	THTRE 1T**	3
THEA 102	Performance of Literature	THTRE 1T**	3
THEA 103	Acting I	THTRE 251	3
THEA 104	Technical Theatre I	THTRE 255	3

THEATRE, continued

THEA 105	Technical Theatre II	THTRE 1T**	3
THEA 106	Theatre Practicum	THTRE 1T**	1
THEA 108	Costume Construction	THTRE 1T**	3
THEA 110	Stage Makeup	THTRE 1T**	3
THEA 114	Play Analysis for Production	THTRE 1T**	3
THEA 115	Improvisation	THTRE 1T**	3
THEA 125	Foundations of Stage Movement	THTRE 1T**	3
THEA 201	Principles of Directing	THTRE 2T**	3
THEA 203	Acting II	THTRE 2T**	3
THEA 299	Special Topics in Theatre	THTRE 2T**	Variable

TECHNICAL MATH

TMAT 107-108	Technical Mathematics I, II	CAREER/TECH

VETERINARY MEDICAL TECHNOLOGY

VET 100-299	By Title	CAREER/TECH

VETERINARY TECHNICIAN ASSISTANT

VTA 101-103	By Title	CAREER/TECH

WELDING AND METAL FABRICATION

WLDG 101-299	By Title	CAREER/TECH