

Course Equivalency Guide

between

Iowa State University

515-294-5836

www.iastate.edu

and

Kirkwood Community College

800-332-2055

www.kirkwood.edu

***Based on the Kirkwood Community College 2023-2024 General Catalog and the
2023-2024 Iowa State University Bulletin***

How to Read the Course Equivalency Guide

The Course Equivalency Guide lists the courses offered at the community college and how each of those corresponds to courses offered at Iowa State University. Regardless of how a course is listed on the equivalency guide, it is important to keep in mind that the individual colleges or departments determine how each course 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 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.
- "NC" in the credit column indicates the course does not transfer to Iowa State University. In most cases, the course is developmental in nature.

ACCOUNTING

ACC 111	Introduction to Accounting	CAREER/TECH	
ACC 152	Financial Accounting	ACCT 284	4
ACC 156	Managerial Accounting	ACCT 285	4
ACC 161	Payroll Accounting	CAREER/TECH	
ACC 222	Cost Accounting	ACCT 2T**	4
ACC 231	Intermediate Accounting I	ACCT 2T**	4
ACC 232	Intermediate Accounting II	ACCT 2T**	4
ACC 265	Income Tax Accounting	ACCT 2T**	4
ACC 313-491	By Title	CAREER/TECH	
ACC 924	Honors Project	ACCT 2T**	1-3
ACC 928	Independent Study	CAREER/TECH	

ADMINISTRATIVE ASSISTANT

ADM 015-928	By Title	CAREER/TECH	
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ASSOCIATE DEGREE NURSING

ADN 171-924	By Title	CAREER/TECH	
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AGRICULTURE - AGRONOMY

AGA 114	Principles of Agronomy	AGRON 181	3
AGA 154	Fundamentals of Soil Science	AGRON 182	3
AGA 170	Fertilizer Management	AGRON 2T**	3
AGA 216	Row Crop and Forage Production	CAREER/TECH	
AGA 221	Field Crop Harvesting and Drying	AGRON 2T**	4
AGA 283	Pesticide Application Certification	ENT 2T**	2
AGA 376	Integrated Pest Management	CAREER/TECH	
AGA 948	Special Projects: Agronomy	CAREER/TECH	

AGRICULTURE - FARM MANAGEMENT

AGB 101	Agricultural Economics	CAREER/TECH	
AGB 133	Introduction to Ag Business	ECON 1T**	3
AGB 235	Introduction to Agriculture Markets	ECON 235	3
AGB 252-323	By Title	CAREER/TECH	
AGB 330	Farm Business Management	ECON 230	3
AGB 331	Entrepreneurship in Agriculture	ECON 2T**	3
AGB 336	Agricultural Selling	ECON 236	3
AGB 466	Agricultural Finance	ECON 1T**	3
AGB 470	Farm Records, Accounts, Analysis	ECON 1T**	3

AGRICULTURE - COMPREHENSIVE

AGC 103	Ag Computer	TSM 1T**	3
AGC 115-210	By Title	CAREER/TECH	
AGC 313	Leadership in Agriculture	AGEDS 1T**	1
AGC 314-928	By Title	CAREER/TECH	

AGRICULTURE - HORTICULTURE

AGH 102	Horticulture Math	CAREER/TECH	
AGH 110	Success in Horticulture	HORT 1T**	1
AGH 112	Introduction to Turfgrass Management	HORT 1T**	3
AGH 141	Equipment Operations	HORT 1T**	3
AGH 144	Landscape Construction	HORT 1T**	3
AGH 150	Equipment Operations Lab	HORT 1T**	1

AGRICULTURE - HORTICULTURE, continued

AGH 152	Landscape Design Techniques	HORT 3T**	3
AGH 156	Landscape Design II	HORT 3T**	3
AGH 166	Turfgrass and Landscape Irrigation	HORT 2T**	3
AGH 167	Introduction to Landscape Computer Design	HORT 1T**	4
AGH 168	Hardscape Design	HORT 1T**	2
AGH 211	Advanced Turfgrass Management	HORT 3T**	3
AGH 220	Plant Identification I	HORT 2T**	3
AGH 221	Principles of Horticulture	HORT 221	3
AGH 236	Plant Material Maintenance	HORT 3T**	3
AGH 238	Soil and Water Conservation	AGRON 1T**	3
AGH 240	Plant Identification II	HORT 240	3
AGH 264	Hydroponic Production	CAREER/TECH	
AGH 282	Pesticide Application Certification-Horticulture	HORT 2T**	1
AGH 297	Landscape Business Operations	HORT 2T**	4
AGH 303	Sustainable Site Management	HORT 2T**	3
AGH 304	Hardscape Installation	HORT 2T**	4
AGH 400	Athletic Field Maintenance	HORT 2T**	3
AGH 405	Golf Course Maintenance	HORT 2T**	3
AGH 445	Turfgrass Management and Administration	HORT 2T**	3
AGH 465	Turf and Landscape Capstone	HORT 2T**	3
AGH 948	Special Projects	CAREER/TECH	

AGRICULTURE - MECHANICS

AGM 113-440	By Title	CAREER/TECH	
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AGRICULTURE - NATURAL RESOURCES/FORESTRY

AGN 105	Applications of Natural Resources	CAREER/TECH	
AGN 140	Native Plants	NREM 256	3
AGN 220	Avian Wildlife	A ECL 2T**	3
AGN 223	Aquatic Wildlife	A ECL 2T**	3
AGN 226	Mammalian Wildlife	A ECL 2T**	3
AGN 235	Park and Recreation Administration	NREM 2T**	3
AGN 240	Natural Resources Interpretation	NREM 2T**	3
AGN 244	Wildlife Management	A ECL 2T**	3
AGN 248	Natural Resources Appreciation	NREM 2T**	3
AGN 250	Park Maintenance Programs	NREM 2T**	3
AGN 260	Wildland Firefighter Training	NREM 2T**	3
AGN 270	Watershed Assessment and Management	NREM 2T**	3
AGN 280	Introduction to Forestry	CAREER/TECH	
AGN 300	Rain Gardens and Bioretention Cells	NREM 2T**	3

AGRICULTURE - PRECISION AG

AGP 143	Fundamentals of Electricity for GPS	CAREER/TECH	
AGP 333	Precision Farming Systems	TSM 2T**	3
AGP 405	Ag Applications of GIS	TSM 1T**	3
AGP 420-440	By Title	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS 113	Survey of the Animal Industry	AN S 114	2
	Survey of the Animal Industry Lab	AN S 101	1
AGS 214	Domestic Animal Physiology	AN S 214	3
AGS 279	Livestock Merchandising	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE, continued

AGS 305	Livestock Evaluation	AN S 2T**	3
AGS 319	Animal Nutrition	AN S 2T**	3
AGS 350	Artificial Insemination of Cattle	CAREER/TECH	
AGS 356	Livestock Behavior & Welfare	AN S 2T**	3
AGS 357	Livestock Behavior & Welfare Lab	AN S 2T**	2
AGS 425	Swine Systems Management	AN S 2T**	3
AGS 441	Livestock Housing and Equipment	AN S 2T**	3
AGS 500	Beef Industry & Feedlot Management	AN S 2T**	3
AGS 501	Stockmanship, Bunk Mgmt, Cattle Processing	AN S 2T**	2
AGS 502	Beef/Cow Calf Production	AN S 2T**	2
AGS 503	Cow Calf Lab	AN S 2T**	1
AGS 512	Beef Breeding/Reproduction/Nutrition	AN S 226	3
AGS 513	Reproduction & Nutrition Lab	AN S 2T**	2
AGS 516	Beef Science Management	AN S 2T**	2
AGS 517	Livestock Merchandising Lab	AN S 2T**	1
AGS 531	Swine Reproduction & Management	AN S 225	3
AGS 532	Swine Reproduction & Management Lab	AN S 2T**	2
AGS 948	Special Projects	CAREER/TECH	

AGRICULTURE - VET TECH

AGV 103-120	By Title	CAREER/TECH	
AGV 126*	Animal Anatomy and Physiology I	AN S 2T**	3
AGV 127*	Animal Anatomy and Physiology II	AN S 2T**	4

When AGV 126 and AGV 127 are both taken, the courses will transfer as AN S 214 (3), AN S 214L (1), and AN S 2T (3).*

Only applicable if courses were taken Fall 2020 or after.

AGV 140-948	By Title	CAREER/TECH	
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ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 201	3
ANT 924	Honors Project	ANTHR 2T**	1
ANT 928	Independent Study	ANTHR 2T**	1-3

APPAREL MERCHANDISING

APP 120	Apparel Visual Merchandising	A M D 377	3
APP 130	Principles of Fashion Merchandising	A M D 131	3
APP 140	Fashion History	A M D 354	3
APP 160	Sewn Product Analysis	A M D 1T**	3
APP 170 ¹	Fashion Trends and Consumer Analysis	A M D 1T**	3
APP 210	Apparel Textiles	A M D 1T**	3
APP 215	Sustainability in the Apparel & Textiles Industry	A M D 2T**	3
APP 220	Fashion Show Procedures	AESHM 272	3
APP 240	Fashion Design	A M D 1T**	3
APP 270	Fashion Buying	A M D 275	3

¹APP 170 taken prior to Fall 2022 will transfer as A M D 165.

APP 275	Fashion Styling Processes	A M D 288	3
APP 924	Honors Project	A M D 2T**	1
APP 928	Independent Study	A M D 2T**	1-3

ARCHITECTURAL

ARC 185-928 By Title CAREER/TECH

ART

ART 101	Art Appreciation	ART 1T**	3
ART 120	2-D Design	ART 1T**	3
ART 123	3-D Design	ART 1T**	3
ART 133 & 134	Drawing I, II	ART 1T**	3 each
ART 138	Figure Drawing	ART 1T**	3
ART 143 & 144	Painting I, II	ART 1T**	3 each
ART 157 & 158	Printmaking I, II	ART 1T**	3 each
ART 161	Digital Art	ART 1T**	3
ART 163 & 164	Sculpture I, II	ART 1T**	3 each
ART 165	Sculpture III	ART 2T**	3
ART 173 & 174	Ceramics I, II	ART 1T**	3 each
ART 175	Ceramics III	ART 2T**	3
ART 184	Photography	ART 1T**	3
ART 186	Digital Photography	ART 1T**	3
ART 203	Art History I	ART H 280	3
ART 204	Art History II	ART H 281	3
ART 220	Ceramics IV	ART 2T**	3
ART 223	Advanced Photography	ART 2T**	3
ART 224	Commercial Studio Lighting Table Top & Portrait	ART 2T**	3
ART 290	Projects in Photography	ART 2T**	1
ART 420	Introduction to Glass	ART 2T**	3
ART 430 & 431	Glass I, II - Fusing, Slumping, and Casting	ART 2T**	3 each
ART 440 & 441	Hot Glass I, II - Blowing and Sculpting	ART 2T**	3 each
ART 924	Honors Project	ART 2T**	1
ART 928	Independent Study	ART 2T**	1-3
ART 945	Digital Arts Capstone	CAREER/TECH	

AMERICAN SIGN LANGUAGE

ASL 141	American Sign Language I	ASL 101	4
ASL 171	American Sign Language II	ASL 102	4
ASL 245	American Sign Language III	ASL 201	4
ASL 281	American Sign Language IV	ASL 202	4
ASL 924	Honors Project	ASL 2T**	1
ASL 928	Independent Study	ASL 2T**	1-3

AUTOMATION TECH & ROBOTICS

ATR 105-450 By Title CAREER/TECH

AUTOMOTIVE TECHNOLOGY

AUT 100-932 By Title CAREER/TECH

AVIATION MAINTENANCE

AVM 102-169 By Title CAREER/TECH

BUSINESS COMPUTER APPLICATIONS

BCA 136-800 By Title CAREER/TECH

BIOLOGY

BIO 104	Introductory Biology with Lab	BIOL 101	3
BIO 112*	General Biology I with Lab	BIOL 2T**	4
BIO 113*	General Biology II with Lab	BIOL 2T**	4

**When BIO 112 and BIO 113 are both taken, the courses will transfer as
BIOL 211 (3), BIOL 211L (1), BIOL 212 (3), BIOL 212L (1).*

BIO 131	Genetics and Society	BIOL 1T**	3
BIO 151	Nutrition	FS HN 167	3
BIO 154	Human Biology	BIOL 155	3
BIO 161	Basic Anatomy and Physiology	CAREER/TECH	
BIO 168 ¹	Human Anatomy and Physiology I with Lab	BIOL 1T**	4
BIO 173 ¹	Human Anatomy and Physiology II with Lab	BIOL 1T**	4

*¹When BIO 168 and BIO 173 are both taken, the courses will transfer as
BIOL 255 (3), BIOL 255L (1), BIOL 256 (3), and BIOL 256L (1).*

BIO 186	Microbiology	MICRO 201	3
	Microbiology Lab	MICRO 201L	1
BIO 195	Human Evolution	ANTHR 202	3
BIO 208	Agricultural Biology and Chemistry	CAREER/TECH	
BIO 924	Honors Project	BIOL 2T**	1
BIO 928	Independent Study	BIOL 2T**	1

BUSINESS

BUS 101	Orientation to Business Professionalism	CAREER/TECH	
BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 185	Business Law I	ACCT 215	3
BUS 190-280	By Title	CAREER/TECH	
BUS 294	Business Administration Capstone	BUSAD 2T**	1
BUS 924	Honors Project	BUSAD 2T**	1
BUS 928	Independent Study	BUSAD 2T**	1-3

COMPUTER AIDED DRAFTING

CAD 108-928	By Title	CAREER/TECH	
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CHEMISTRY

CHM 110	Introduction to Chemistry	CHEM 163*	3
CHM 111	Introduction to Chemistry Lab	CHEM 163L*	1
CHM 132	Introduction to Organic and Biochemistry	CHEM 231	3
	Introduction to Organic and Biochemistry Lab	CHEM 231L	1
CHM 165	General Chemistry I	CHEM 177	3
	General Chemistry I Lab	CHEM 177L	1
CHM 175	General Chemistry II	CHEM 178	3
	General Chemistry II Lab	CHEM 178L	1
CHM 262	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 333L	1.5
CHM 272	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 334L	1.5
CHM 924	Honors Project	CHEM 2T**	1
CHM 928	Independent Study	CHEM 2T**	1-1.5

**updated 4-3-24*

COMPUTER INFORMATION SYSTEMS

CIS 121	Introduction to Programming Logic	CAREER/TECH	
CIS 171	Java I	COM S 1T**	3
CIS 175	Java II	COM S 1T**	3
CIS 181-928	By Title	CAREER/TECH	

CULTURAL STUDIES

CLS 151	Understanding Cultures: Latin America	WLC 1T**	3
CLS 159	Understand Cultures: Indigenous C. America	WLC 1T**	3
CLS 165	Understanding Cultures: Modern Japan	WLC 1T**	3
CLS 192	Communication and Culture	HUM 2T**	3
CLS 924	Honors Project	U ST 2T**	1
CLS 928	Independent Study	U ST 2T**	1-3

COMMUNICATION

COM 222-928	By Title	CAREER/TECH	
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CONSTRUCTION

CON 101-932	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ 100	Introduction to Criminal Justice	C J 240	3
CRJ 101	Ethics in Criminal Justice	C J 1T**	3
CRJ 111	Police and Society	C J 1T**	3
CRJ 120	Introduction to Corrections	C J 1T**	3
CRJ 130	Criminal Law	C J 1T**	3
CRJ 133	Constitutional Criminal Procedure	C J 1T**	3
CRJ 136	Correctional Law	C J 1T**	3
CRJ 141	Criminal Investigation	C J 1T**	3
CRJ 200	Criminology	C J 242	3
CRJ 201	Juvenile Delinquency	SOC 241	3
CRJ 202	Cultural Awareness Criminal Justice Pract	C J 2T**	3
CRJ 220	Community-Based Corrections	C J 2T**	3
CRJ 232	Community-Oriented Policing/Problem Solving	C J 2T**	3
CRJ 237	Criminal & Constitutional Law	C J 2T**	3
CRJ 316	Juvenile Justice	C J 2T**	3
CRJ 924	Honors Project	C J 2T**	1
CRJ 928	Independent Study	C J 2T**	1
CRJ 932	Internship	C J 2T**	1-6

COLLISION REPAIR/REFINISHING

CRR 121-837	By Title	CAREER/TECH	
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COMPUTER SCIENCE

CSC 116	Information Computing	COM S 113	3
CSC 142*	Computer Science	COM S 1T**	4
CSC 153*	Data Structures	COM S 1T**	4
CSC 160*	Software Design and Development	COM S 1T**	4

**When CSC 142, CSC 153, and CSC 160 are all taken, the courses will transfer as COM S 127 (4), COM S 227 (4), and COM S 228 (4).*

CSC 175	Comp Org & Assembly Language Programming	COM S 1T**	4
CSC 900	NSF ECSEL Seminar	COM S 2T**	1

COMPUTER SCIENCE, continued

CSC 924	Honors Project	COM S 2T**	1
CSC 928	Independent Study	COM S 2T**	1-3

DENTAL ASSISTANT

DEA 285-924	By Title	CAREER/TECH	
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DENTAL

DEN 100-300	By Title	CAREER/TECH	
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DENTAL HYGIENE

DHY 134-924	By Title	CAREER/TECH	
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DENTAL LAB TECHNOLOGY

DLT 152-924	By Title	CAREER/TECH	
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FILM AND THEATRE

DRA 101	Introduction to Theatre	THTRE 106	3
DRA 116	Film Analysis	JL MC 1T**	3
DRA 117	Film Topics	ENGL 2T**	3
DRA 125	Introduction to Play Analysis	THTRE 263	3
DRA 130	Acting I	THTRE 251	3
DRA 132	Acting II	THTRE 2T**	3
DRA 162	Technical Theatre	THTRE 255	3
DRA 172	Technical Theatre Lab	THTRE 1T**	1
DRA 200	Introduction to Design for the Theatre	THTRE 2T**	3
DRA 230	Acting Lab	THTRE 2T**	1
DRA 924	Honors Project	THTRE 2T**	1
DRA 928	Independent Study	THTRE 2T**	1-3

DRAFTING

DRF 141	Engineering Drawings	CAREER/TECH	
DRF 142	Engineering Design I	TSM 116	3
DRF 143	Engineering Design II	TSM 216	3
DRF 924	Honors Project	TSM 2T**	1
DRF 928	Independent Study	TSM 2T**	1-3

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DSL 143-802	By Title	CAREER/TECH	
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EARLY CHILDHOOD EDUCATION

ECE 103	Introduction to Early Childhood Education	HD FS 1T**	3
ECE 105	Technology for Early Childhood	CAREER/TECH	
ECE 133	Child Health, Safety and Nutrition	H S 1T**	3
ECE 158	Early Childhood Curriculum I	EDUC 1T**	3
ECE 159	Early Childhood Curriculum II	EDUC 1T**	3
ECE 170	Child Growth and Development	HD FS 1T**	3
ECE 221	Infant/Toddler Care and Education	HD FS 2T**	3
ECE 243	Early Childhood Guidance	HD FS 2T**	3
ECE 262	Early Childhood Field Experience	HD FS 2T**	3
ECE 290	Early Childhood Program Administration	HD FS 2T**	3
ECE 924	Honors Project	EDUC 2T**	1

EARLY CHILDHOOD EDUCATION, continued

ECE 928	Independent Study	EDUC 2T**	1-3
ECE 930	Administrative Practicum	CAREER/TECH	

ECONOMICS

ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3
ECN 924	Honors Project	ECON 2T**	1
ECN 928	Independent Study	ECON 2T**	1

EDUCATION

EDU 110	Exploring Teaching	EDUC 1T**	3
EDU 119	Behavior Management	EDUC 1T**	3
EDU 129	Inclusion and Adaptation	EDUC 1T**	3
EDU 200	Topics in Education	EDUC 2T**	1
EDU 210	Foundations of Education	EDUC 204	3
EDU 240	Educational Psychology	PSYCH 333	3
EDU 248	Exceptional Persons	SP ED 250	3
EDU 249	Cultural and Linguistic Diversity	EDUC 2T**	3
EDU 255	Technology in the Classroom	EDUC 201	3
EDU 258	Autism Spectrum Disorder Support	SP ED 2T**	3
EDU 805	Literacy Tutor Experience	EDUC 2T**	1-3
EDU 810	Field Experience	EDUC 280	3
EDU 924	Honors Project	EDUC 2T**	1
EDU 928	Independent Study	EDUC 2T**	1

ENGINEERING

EGR 100	Engineering Orientation	ENGR 101	1
EGR 160*	Engineering I	ENGR 1T**	3
EGR 167*	Engineering II	ENGR 1T**	4

**When EGR 160 and EGR 167 are both taken, the courses will transfer as ENGR 160 (4) and CPR E 161 (3).*

EGR 170	Materials Science	MAT E 273	3
EGR 180	Statics	C E 274	3
EGR 280	Dynamics	M E 345	3
EGR 285	Introduction to Electrical Science	E E 2T**	4
EGR 290	Thermodynamics	M E 231	3
EGR 924	Honors Project	ENGR 2T**	1
EGR 928	Independent Study	ENGR 2T**	1-3

ENGINEERING TECHNOLOGY

EGT 124	Strength of Materials	TSM 1T**	4
EGT 125	Applied Statics	TSM 1T**	4
EGT 132-460	By Title	CAREER/TECH	
EGT 924	Honors Project	TSM 2T**	1
EGT 928	Independent Study	TSM 2T**	1-3

ELECTRICAL TECHNOLOGY

ELE 364-365	By Title	CAREER/TECH	
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ELECTRONICS

ELT 224-928	By Title	CAREER/TECH	
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EMERGENCY MEDICAL SERVICES

EMS 255-822	By Title	CAREER/TECH	
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END 100-924	By Title	CAREER/TECH	
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ENGLISH COMPOSITION

ENG 011-070	By Title		No Credit
ENG 101	Elements of Writing	ENGL 1T**	3
ENG 105	Composition I	ENGL 150	3
		LIB 160	R
ENG 106	Composition II	ENGL 250	3
ENG 108	Composition II: Technical Writing	ENGL 250	3
ENG 109	Integrated Composition	ENGL 1T**	1-3
ENG 120	College Writing	ENGL 150	2.5
		ENGL 250	2.5
ENG 221	Creative Writing	ENGL 207	3
ENG 225	Creative Writing: Poetry	ENGL 2T**	3
ENG 233	Creative Writing: Short Fiction	ENGL 2T**	3
ENG 235	Playwriting/Screenwriting	ENGL 2T**	3
ENG 238	Creative Writing: Nonfiction	ENGL 2T**	3
ENG 240	Advanced Creative Writing	ENGL 2T**	3
ENG 245	Advanced Creative Writing: Short Fiction	ENGL 2T**	3
ENG 275	Editing a Literary Magazine	ENGL 2T**	3
ENG 290	Literary Magazine Layout and Production	ART 2T**	3
ENG 924	Honors Project	ENGL 2T**	1
ENG 928	Independent Study	ENGL 2T**	1-3

ENVIRONMENTAL SCIENCE

ENV 115	Environmental Science	ENV S 173	3
ENV 924	Honors Project	ENV S 2T**	1
ENV 928	Independent Study	ENV S 2T**	1

INTENSIVE ENGLISH SECOND LANGUAGE

ESI 002-093	By Title		No Credit
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EXERCISE SCIENCE

EXS 120	Human Anatomy & Physiology for Ex Science	KIN 1T**	3
EXS 180	Fitness Programming and Design	KIN 1T**	3
EXS 280	Exercise Physiology	KIN 2T**	4
EXS 285	Personal Trainer Capstone	KIN 2T**	3

FINANCE

FIN 110	Money and Banking	CAREER/TECH	
FIN 121	Personal Finance	HD FS 283	3
FIN 130	Principles of Finance	FIN 1T**	3
FIN 300	Topics in Financial Services	CAREER/TECH	
FIN 924	Honors Project	FIN 2T**	1
FIN 928	Independent Study	FIN 2T**	1-3

FIRE SCIENCE

FIR 110-928	By Title	CAREER/TECH	
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FOREIGN LANGUAGE - FRENCH

FLF 141	Elementary French I	FRNCH 101	4
FLF 142	Elementary French II	FRNCH 102	4
FLF 241	Intermediate French I	FRNCH 201	4
FLF 242	Intermediate French II	FRNCH 202	4
FLF 924	Honors Project	FRNCH 2T**	1
FLF 928	Independent Study	FRNCH 2T**	1-3

FOREIGN LANGUAGE - SPANISH

FLS 118	Spanish for Professionals	HSP M 1T**	3
FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 241	Intermediate Spanish I	SPAN 201	4
FLS 242	Intermediate Spanish II	SPAN 202	4
FLS 266	Adv Spanish: Latin American & Spanish Culture	SPAN 2T**	3
FLS 924	Honors Project	SPAN 2T**	1
FLS 928	Independent Study	SPAN 2T**	1-3

GLOBAL STUDIES

GLS 110	Global Leadership	CAREER/TECH	
GLS 120	Education Experience Abroad	HUM 1T**	3
GLS 924	Honors Project	INTST 2T**	1

GRAPHIC COMMUNICATIONS

GRA 101-928	By Title	CAREER/TECH	
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HOSPITALITY, CULINARY, MANAGEMENT

HCM 100	Sanitation and Safety	HSP M 133	2
HCM 109-207	By Title	CAREER/TECH	
HCM 213	Service Management (lab)	HSP M 2T**	4
HCM 231	Nutrition	CAREER/TECH	
HCM 251	Purchasing, Receiving, and Inventory	HSP M 2T**	2
HCM 256-289	By Title	CAREER/TECH	
HCM 310	Hospitality Law	HSP M 2T**	3
HCM 321	Introduction to Hospitality Industry	AESHM 1T**	1
HCM 329	Advanced Garde Manger	CAREER/TECH	
HCM 330	Hospitality Personnel Management	AESHM 238	3
HCM 342-530	By Title	CAREER/TECH	
HCM 599	Engineering and Risk Management	HSP M 2T**	1
HCM 597*	Front Office and Revenue Management	HSP M 2T**	4
HCM 600*	Introduction to Lodging Operations	HSP M 2T**	2

**When HCM 597 and HCM 600 are both taken, the courses will transfer as HSP M 352 (6).*

HCM 601	Housekeeping and Environmental Services	HSP M 2T**	3
HCM 603	Hotel Sales, Catering and Event Management	HSP M 2T**	3
HCM 614	Leadership in Hospitality	HSP M 2T**	3
HCM 615	Hospitality Marketing	AESHM 340	3
HCM 616-618	By Title	CAREER/TECH	
HCM 924	Honors Project	HSP M 2T**	1
HCM 928	Independent Study	HSP M 2T**	1-3
HCM 930-932	By Title	CAREER/TECH	
HCM 933	Internship	AESHM 270D	1-4

HOSPITALITY, CULINARY, MANAGEMENT, continued

HCM 934	Internship Seminar II	CAREER/TECH	
HCM 935	Internship II	AESHM 170D	1

HEATING AND AIR CONDITIONING

HCR 410-932	By Title	CAREER/TECH	
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HISTORY

HIS 126* ^s	West and the World I: Ancient to Medieval	HIST 2T**	3
HIS 127* ^{s 1}	West and the World II: Medieval to Enlightenment	HIST 2T**	3
HIS 128* ¹	West and the World III: Enlightenment to Modern	HIST 2T**	3

**When HIS 126, HIS 127, and HIS 128 are all taken, the courses will transfer as HIST 201 (4.5) and HIST 202 (4.5).*

^sWhen HIS 126 and HIS 127 are both taken, the courses will transfer as HIST 201 (6).

¹When HIS 127 and HIS 128 are both taken, the courses will transfer as HIST 202 (6).

HIS 135	Modern World Military History	HIST 1T**	3
HIS 151	U.S. History to 1877	HIST 221	3
HIS 152	U.S. History Since 1877	HIST 222	3
HIS 221	Holocaust & Genocide in Memory & Literature	HIST 1T**	3
HIS 254	American Indian History	AM IN 210	3
HIS 291	History of Science	HIST 281	3
HIS 924	Honors Project	HIST 2T**	1
HIS 928	Independent Study	HIST 2T**	1-3

HEALTH SCIENCES

HSC 103-224	By Title	CAREER/TECH	
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HUMAN SERVICES

HSV 109	Introduction to Human Services	SOC 1T**	3
HSV 110	Human Service Policy and Programs	SOC 1T**	3
HSV 120	Observation Skills	PSYCH 1T**	3
HSV 130	Interviewing/Interpersonal Relations	COMST 1T**	3
HSV 200	Adaptation Strategies	HD FS 2T**	3
HSV 201	Loss, Trauma, and Resilience	HD FS 2T**	3
HSV 282	Health and Psychosocial Rehabilitation	PSYCH 2T**	3
HSV 287	Counseling Theories and Techniques	PSYCH 2T**	3
HSV 292	Substance Abuse and Treatment	HD FS 2T**	3
HSV 800	Human Services Field Experience & Seminar	SOC 2T**	6
HSV 801	Human Services Field Experience	SOC 2T**	3
HSV 813-814	Alcohol & Drug Couns Field Exp & Seminar I, II	HD FS 2T**	6 each
HSV 924	Honors Project	SOC 2T**	1
HSV 928	Independent Study	SOC 2T**	1-3

HUMANITIES

HUM 105	Working in America	HUM 1T**	3
HUM 116	Encounters in Humanities	HUM 1T**	3
HUM 123	U.S. Film History	ENGL 237	3
HUM 124	World Film History	W F S 278	3
HUM 142	Popular Culture	HUM 1T**	3
HUM 190	Culture and Technology	HUM 1T**	3

HUMANITIES, continued

HUM 200	International Study in Humanities	HUM 2T**	3
HUM 924	Honors Project	HUM 2T**	1
HUM 928	Independent Study	HUM 2T**	1-3

INDUSTRIAL TECHNOLOGY

IND 156-196	By Title	CAREER/TECH	
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INTERIOR DESIGN

INT 126-932	By Title	CAREER/TECH	
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LITERATURE

LIT 105	Children's Literature	HD FS 240	3
LIT 158	Literature of the African Peoples	ENGL 2T**	3
LIT 180	Mythology	ENGL 2T**	3
LIT 203	Forms of Literature: Story Cycle	ENGL 2T**	3
LIT 204	Forms of Literature: Nonfiction	ENGL 2T**	3
LIT 205	Forms of Literature: Drama	ENGL 2T**	3
LIT 206	Forms of Literature: Fiction	ENGL 2T**	3
LIT 207	Forms of Literature: Poetry	ENGL 2T**	3
LIT 208	Forms of Literature: New Media	ENGL 2T**	3
LIT 209	Forms of Literature: Film Adaptation	ENGL 2T**	3
LIT 222	Literature and Culture: American Dreams	ENGL 2T**	3
LIT 224	Literature and Culture: Women and Work	ENGL 2T**	3
LIT 226	Literary Themes: Literature & Search for Identity	ENGL 2T**	3
LIT 227	Literature and Culture: World Poetry	ENGL 2T**	3
LIT 924	Honors Project	ENGL 2T**	1
LIT 928	Independent Study	ENGL 2T**	1-3
LIT 945	Selected Topics	ENGL 2T**	1-3

MEDICAL ASSISTANT

MAP 123-924	By Title	CAREER/TECH	
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MATHEMATICS

MAT 024-095	By Title		No Credit
MAT 102*	Intermediate Algebra	MATH 100Z	4

**Transfer credit in MATH 100Z does not count toward graduation.*

MAT 115	Mathematics and Society	MATH 105	3
MAT 117	Mathematics for Elementary Teachers	MATH 195	3
MAT 120	College Algebra	MATH 140	3
MAT 136	Trigonometry and Analytic Geometry	MATH 1T**	5
MAT 138	College Algebra with Limits	MATH 140	4
MAT 140	Finite Math	MATH 104	3
MAT 149	Linear Algebra	MATH 207	3
MAT 150 ¹	Discrete Math	COM S 230	3
MAT 157	Statistics	STAT 101	4
MAT 162	Business Statistics	STAT 226	4

¹*Beginning Fall 2021 semester. Credit in MAT 150 taken prior to Fall 2021 will transfer as MATH 1T**.*

MAT 163	Quantitative Reasoning for Business	MATH 1T**	4
MAT 165	Business Calculus	MATH 151	3
MAT 210	Calculus I	MATH 165	4

MATHEMATICS, continued

MAT 216	Calculus II	MATH 166	4
MAT 219	Calculus III	MATH 265	4
MAT 227	Differential Equations with Laplace	MATH 267	4
MAT 232-607	By Title	CAREER/TECH	
MAT 615	Support for Mathematics and Society	MATH 1T**	2
MAT 707-772	By Title	CAREER/TECH	
MAT 924	Honors Project	MATH 2T**	1
MAT 928	Independent Study	MATH 2T**	1

MOBILE DEVELOPMENT TECHNOLOGY

MDT 350	Android App Development	CAREER/TECH	
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MANUFACTURING

MFG 103-174	By Title	CAREER/TECH	
MFG 202	Manufacturing Processes	TSM 240	2
MFG 281-928	By Title	CAREER/TECH	

MANAGEMENT

MGT 101	Principles of Management	MGMT 2T**	3
MGT 112	Business Innovation	MGMT 1T**	3
MGT 121-161	By Title	CAREER/TECH	
MGT 170	Human Resource Management	MGMT 2T**	3
MGT 171-206	By Title	CAREER/TECH	
MGT 300	Introduction to Entrepreneurship	MGMT 2T**	3
MGT 301-305	By Title	CAREER/TECH	
MGT 924	Honors Project	MGMT 2T**	1
MGT 928	Independent Study	MGMT 2T**	1-4

MILITARY

MIL 104	Army ROTC Leadership & Personal Dev	M S 1T**	1
MIL 105	Army ROTC Introduction to Tactical Leadership	M S 1T**	1
MIL 106	Air Force Heritage and Values I	AFAS 1T**	1
MIL 111 & 112	AFROTC Leadership Lab I, II	AFAS 1T**	1 each
MIL 113	Air Force Heritage and Values II	AFAS 1T**	1
MIL 203	Team and Leadership Fundamentals I	M S 2T**	1
MIL 204	Army ROTC Innovative Team Leadership	M S 2T**	2
MIL 205	Army ROTC Tactical Leadership	M S 2T**	2
MIL 206	Team and Leadership Fundamentals II	M S 2T**	1
MIL 211 & 212	AFROTC Leadership Lab III, IV	AFAS 2T**	1 each

MARKETING

MKT 110	Principles of Marketing	MKT 2T**	3
MKT 130-135	By Title	CAREER/TECH	
MKT 140	Principles of Selling	MKT 2T**	3
MKT 150	Principles of Advertising	ADVRT 230	3
MKT 160	Principles of Retailing	A M D 275	3
MKT 180	Customer Service Strategies	CAREER/TECH	
MKT 195	Marketing Management	MKT 2T**	3
MKT 924	Honors Project	MKT 2T**	1
MKT 928	Independent Study	MKT 2T**	1-3

MEDICAL LABORATORY TECHNICIAN

MLT 105-297 By Title CAREER/TECH

MASS MEDIA STUDIES

MMS 101	Mass Media	JL MC 101	3
MMS 105	Audio Production	JL MC 1T**	3
MMS 111	Video Production I	JL MC 1T**	3
MMS 131	News Reporting	JL MC 1T**	3
MMS 133	News Media Convergence	JL MC 1T**	3
MMS 165	Media History	JL MC 1T**	3
MMS 209	Video Production II	JL MC 2T**	3
MMS 215	Broadcast Writing and Performance	JL MC 2T**	3
MMS 220	Advanced Television	JL MC 2T**	2
MMS 241	Public Relations and Marketing	P R 220	3
MMS 242	Media Ethics	JL MC 2T**	3
MMS 243	Freedom of Expression	S SCI 2T**	3
MMS 920	Field Experience	JL MC 2T**	3
MMS 924	Honors Project	JL MC 2T**	1
MMS 928	Independent Study	JL MC 2T**	1-3
MMS 948	Special Projects	JL MC 2T**	1

MUSIC - APPLIED

MUA 101	Applied Voice	MUSIC 1T**	1-2
MUA 119	Class Piano	MUSIC 1T**	1
MUA 147	Applied Instrumental	MUSIC 1T**	1-2
MUA 300	Applied Euphonium	MUSIC 1T**	2
MUA 301	Applied Bassoon	MUSIC 1T**	2
MUA 302	Applied Cello	MUSIC 1T**	2
MUA 303	Applied Clarinet	MUSIC 1T**	2
MUA 304	Applied Percussion	MUSIC 1T**	2
MUA 305	Applied Flute	MUSIC 1T**	2
MUA 306	Applied French Horn	MUSIC 1T**	2
MUA 307	Applied Guitar	MUSIC 1T**	2
MUA 308	Applied Oboe	MUSIC 1T**	2
MUA 310	Applied Piano	MUSIC 1T**	2
MUA 311	Applied Saxophone	MUSIC 1T**	2
MUA 312	Applied String Bass	MUSIC 1T**	2
MUA 314	Applied Trombone	MUSIC 1T**	2
MUA 315	Applied Trumpet	MUSIC 1T**	2
MUA 316	Applied Tuba	MUSIC 1T**	2
MUA 317	Applied Viola	MUSIC 1T**	2
MUA 318	Applied Violin	MUSIC 1T**	2
MUA 319	Applied Voice	MUSIC 1T**	2

MUSIC - GENERAL

MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 101	3
MUS 120	Music Theory I	MUSIC 101	3
MUS 121	Music Theory II	MUSIC 224	3
MUS 135, 136	Music Theory Lab I, II	MUSIC 1T**	1 each
MUS 138, 139	Jazz Improvisation, II	MUSIC 1T**	3 each
MUS 140	Concert Choir	MUSIC 1T**	1
MUS 144	Symphony Orchestra	MUSIC 1T**	1

MUSIC - GENERAL, continued

MUS 145	Concert Band	MUSIC 1T**	1
MUS 152	Vocal Ensemble	MUSIC 1T**	1
MUS 157	Vocal Jazz Ensemble	MUSIC 1T**	1
MUS 162	Instrumental Ensembles	MUSIC 1T**	1
MUS 163	Instrumental Jazz Ensemble	MUSIC 1T**	1
MUS 207	Introduction to Film Music	MUSIC 2T**	3
MUS 208	American Popular Music & Jazz	MUSIC 2T**	3
MUS 220, 221	Music Theory III, IV	MUSIC 2T**	3 each
MUS 235, 236	Music Theory Lab III, IV	MUSIC 2T**	1 each
MUS 924	Honors Project	MUSIC 2T**	1
MUS 928	Independent Study	MUSIC 2T**	1-2
MUS 933	Music Internship	MUSIC 2T**	1-4
MUS 945	Music Capstone	MUSIC 2T**	3

COMPUTER NETWORKING

NET 119-928	By Title	CAREER/TECH	
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OCCUPATIONAL THERAPY ASSISTANT

OTA 101-924	By Title	CAREER/TECH	
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PHYSICAL EDUCATION ACTIVITY

PEA 102	Aerobic Fitness I	KIN 1T**	1
PEA 110	Badminton I	KIN 122	1
PEA 154	Racquetball I	KIN 144	1
PEA 162	Speed and Conditioning I	KIN 1T**	1
PEA 174	Tennis I	KIN 158	1
PEA 187	Weight Training I	KIN 166	1
PEA 287	Weight Training II	KIN 2T**	1
PEA 924	Honors Project	KIN 2T**	1
PEA 928	Independent Study	KIN 2T**	1-3

COACHING OFFICIATING

PEC 111	Techniques and Theory of Coaching	KIN 1T**	2
PEC 116	Athletic Development and Human Growth	KIN 1T**	2
PEC 126	Athletic Injury Prevention	A TR 220	2
PEC 140	Theory of Coaching Softball	KIN 1T**	2
PEC 144	Theory of Coaching Baseball	KIN 1T**	2
PEC 148	Theory of Coaching Basketball	KIN 1T**	2
PEC 150	Theory of Coaching Volleyball	KIN 1T**	2
PEC 160	Sports Officiating	KIN 1T**	2
PEC 924	Honors Project	KIN 2T**	1
PEC 928	Independent Study	KIN 2T**	1-3

GENERAL PHYSICAL EDUCATION AND HEALTH

PEH 111	Personal Wellness	H S 1T**	3
PEH 155	Exercise Psychology	KIN 1T**	3
PEH 160	Fundamentals of Health Coaching	KIN 1T**	3
PEH 162	Introduction to Physical Education	KIN 1T**	3
PEH 165	Intro to Complementary & Alternative Medicine	H S 1T**	3
PEH 170	Principles of Weight Training	KIN 166	3
PEH 191	Sports Nutrition	KIN 1T**	3
PEH 255	Principles of Sports Management	KIN 2T**	3

GENERAL PHYSICAL EDUCATION AND HEALTH, continued

PEH 270	Exercise Prescription for Special Populations	KIN 2T**	3
PEH 924	Honors Project	KIN 2T**	1
PEH 928	Independent Study	KIN 2T**	1-3

INTERCOLLEGIATE PHYSICAL EDUCATION

PEV 115, 215	Varsity Baseball I, II	ATH 101	1 each
PEV 121	Varsity Basketball, Men	ATH 101B	1
PEV 122	Varsity Basketball, Women	ATH 101C	1
PEV 140, 240	Varsity Golf I, II	ATH 101G	1 each
PEV 160, 260	Varsity Softball I, II	ATH 101K	1 each
PEV 170, 270	Varsity Volleyball I, II	ATH 101R	1 each
PEV 221	Varsity Basketball II, Men	ATH 101B	1
PEV 222	Varsity Basketball II, Women	ATH 101C	1

PHILOSOPHY

PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHI 111	Basic Reasoning	PHIL 206	3
PHI 126	Chinese Philosophies	PHIL 1T**	3
PHI 135	Multicultural Ethics	PHIL 1T**	3
PHI 160	Environmental Ethics	PHIL 1T**	3
PHI 924	Honors Project	PHIL 2T**	1
PHI 928	Independent Study	PHIL 2T**	1-3

PHARMACY TECH

PHR 154-175	By Title	CAREER/TECH	
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PHYSICAL SCIENCE

PHS 151	Introduction to Astronomy	ASTRO 120	3
PHS 170	Physical Geology	GEOL 100	3
PHS 171	Physical Geology Lab	GEOL 100L	1
PHS 175	Environmental Geology	GEOL 101	3
PHS 176	Environmental Geology Lab	GEOL 1T**	1
PHS 180	Evolution of the Earth	GEOL 102	3
PHS 924	Honors Project	GEOL 2T**	1
PHS 928	Independent Study	GEOL 2T**	1

PHYSICS

PHY 120	Introductory Physics	PHYS 1T**	3
PHY 162	College Physics I	PHYS 131	3
		PHYS 131L	1
PHY 172	College Physics II	PHYS 132	3
		PHYS 132L	1
PHY 180-192	By Title	CAREER/TECH	
PHY 212	Classical Physics I	PHYS 231	4
		PHYS 231L	1
PHY 222	Classical Physics II	PHYS 232	4
		PHYS 232L	1
PHY 230-232	Technical Physics I, II	CAREER/TECH	
PHY 924	Honors Project	PHYS 2T**	1

READING

RDG 130	Effective Reading Strategies	PSYCH 131	3
RDG 924	Honors Project	PSYCH 2T**	1
RDG 928	Independent Study	PSYCH 2T**	1-3

RELIGION

REL 101	Survey of World Religions	RELIG 205	3
REL 120	Judaism, Christianity, and Islam	RELIG 1T**	3
REL 125	Introduction to Islam	RELIG 1T**	3
REL 130	Introduction to Religions of the East	RELIG 1T**	3
REL 140	Religion in the United States	RELIG 210	3
REL 145	Introduction to Christianity	RELIG 1T**	3
REL 924	Honors Project	RELIG 2T**	1
REL 928	Independent Study	RELIG 2T**	1-3

SCIENCE

SCI 120	Forensic Science	SCI 1T**	3
SCI 122	Forensic Science Laboratory	SCI 1T**	1
SCI 136	Field Exp in Environmental & Natural Sciences	SCI 1T**	1-3

STUDENT DEVELOPMENT

SDV 052-093	By Title		No Credit
SDV 101	How to Be Successful in College	PSYCH 1T**	3
SDV 105	How College Works	LAS 1T**	3
SDV 109	College 101	ORIEN 1T**	3
SDV 928	Independent Study	PSYCH 1T**	1-3

SUSTAINABLE ENERGY RESOURCES

SER 136-310	By Title	CAREER/TECH	
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SOCIOLOGY

SOC 110	Introduction to Sociology	SOC 134	3
SOC 115	Social Problems	SOC 235	3
SOC 120	Marriage and Family	SOC 219	3
SOC 200	Minority Group Relations	SOC 2T**	3
SOC 220	Sociology of Aging	SOC 2T**	3
SOC 265	Lesbian, Gay, Bisexual, Transgender Studies	WGS 2T**	3
SOC 924	Honors Project	SOC 2T**	1
SOC 928	Independent Study	SOC 2T**	1

SPEECH

SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 112	Public Speaking	SP CM 212	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 132	Group Communication	COMST 1T**	3
SPC 924	Honors Project	SP CM 2T**	1
SPC 928	Independent Study	SP CM 2T**	1-3

SURGICAL TECHNOLOGY

SUR 126-924	By Title	CAREER/TECH	
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UTILITIES

UTL 260-270	By Title	CAREER/TECH	
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VINEYARD MANAGEMENT

VIN 105-106	By Title	CAREER/TECH
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WATER ENVIRONMENTAL TECHNOLOGY

WAT 210-932	By Title	CAREER/TECH
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WORK-BASED LEARNING

WBL 100-309	By Title	CAREER/TECH
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WELDING

WEL 208-932	By Title	CAREER/TECH
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WIND ENERGY & TURBINE TECH

WTT 101-310	By Title	CAREER/TECH
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