

ACCOUNTING

ACC 111	Introduction to Accounting	CAREER/TECH	
ACC 131	Principles of Accounting I	ACCT 284	4
ACC 132	Principles of Accounting II	ACCT 285	4
ACC 161	Payroll Accounting	ACCT 1T**	3
ACC 211	Intermediate Accounting I	ACCT 2T**	3
ACC 221	Cost Accounting	ACCT 2T**	3
ACC 261	Income Tax Accounting	ACCT 2T**	3
ACC 311	Computer Accounting	ACCT 2T**	3
ACC 928	Independent Study	ACCT 2T**	1-3
ACC 949	Special Topics	ACCT 2T**	1-3

ADMINISTRATIVE ASSISTANT

ADM 105-162	By Title	CAREER/TECH	
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ASSOCIATE DEGREE NURSING

ADN 433-850	By Title	CAREER/TECH	
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AGRICULTURE - AGRONOMY

AGA 114	Principles of Agronomy	AGRON 114	3
AGA 212	Grain and Forage Crops	AGRON 212	4
AGA 450	Issues in Sustainable Agriculture	AGRON 1T**	3
AGA 928	Independent Study	AGRON 2T**	1-3
AGA 949	Special Topics	CAREER/TECH	

AGRICULTURE - FARM MANAGEMENT

AGB 235	Introduction to Agriculture Markets	ECON 1T**	3
AGB 330	Farm Business Management	ECON 1T**	3
AGB 336	Agricultural Selling	ECON 2T**	3
AGB 932	Internship	ECON 397	3
AGB 942-949	By Title	CAREER/TECH	

AGRICULTURE - COMPREHENSIVE

AGC 308	Agriculture Applications of Computers	TSM 1T**	3
AGC 315	Leadership in Agriculture	AGEDS 1T**	3
AGC 928	Independent Study	TSM 2T**	1-3
AGC 949	Special Topics	CAREER/TECH	

AGRICULTURE - ANIMAL SCIENCE

AGS 112	Survey of the Animal Industry	AN S 114	3
	Survey of the Animal Industry	AN S 101	1
AGS 226	Beef Cattle Science	AN S 2T**	3
AGS 280	Livestock Merchandising	AN S 2T**	3
AGS 305	Livestock Evaluation	AN S 2T**	3
AGS 810	Animal Science	AN S 114	3
AGS 928	Independent Study	AN S 2T**	1-3
AGS 949	Special Topics	CAREER/TECH	

ANTHROPOLOGY

ANT 105	Cultural Anthropology	ANTHR 201	3
ANT 928	Independent Study	ANTHR 2T**	1-3
ANT 949	Special Topics	ANTHR 2T**	1-3

ART

ART 101	Art Appreciation	ART 1T**	3
ART 102	Art for Elementary Education	ARTED 211	3
ART 110	Contemporary Art and Issues	ART 1T**	3
ART 117	Computer Graphic Design	ART 1T**	3
ART 120	2-D Design	ART 1T**	3
ART 123	3-D Design	ART 1T**	3
ART 124	Computer Art	ART 1T**	3
ART 130	Introduction to Computer Animation	ART 1T**	3
ART 133-134	Drawing I, II	ART 1T**	3 each
ART 143-144	Painting I, II	ART 1T**	3 each
ART 145	Water Color	ART 1T**	3
ART 157	Printmaking	ART 1T**	3
ART 163	Sculpture	ART 1T**	3
ART 173-174	Ceramics I, II	ART 1T**	3 each
ART 198	Art Exploration I	ART 1T**	1
ART 199	Art Exploration II	ART 1T**	1
ART 203	Art History I	ART H 280	3
ART 204	Art History II	ART H 281	3
ART 928	Independent Study	ART 2T**	1-3
ART 949	Special Topics	ART 2T**	1-3

AUTOMOTIVE TECHNOLOGY

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

BCA 052	Fundamentals of Computer Operations		No Credit
BCA 152	Comprehensive Spreadsheets	COM S 1T**	3
BCA 167	Comprehensive Databases	COM S 1T**	3
BCA 215	Computer Business Applications	COM S 2T**	3
BCA 221-949	By Title	CAREER/TECH	

BIOLOGY

BIO 105	Introductory Biology (with lab)	BIOL 101	4
BIO 112	General Biology I	BIOL 211	3
	General Biology I Lab	BIOL 211L	1
BIO 113	General Biology II	BIOL 212	3
	General Biology II Lab	BIOL 212L	1
BIO 125	Plant Biology (with lab)	BIOL 1T**	4
BIO 130	Animal Biology (with lab)	BIOL 1T**	4
BIO 146	Genetics	BIOL 1T**	3
BIO 151	Nutrition	FS HN 167	3
BIO 162	Essentials of Anatomy and Physiology	BIOL 155	3
BIO 163	Essentials of Anatomy and Physiology (w/lab)	BIOL 1T**	4
BIO 168	Human Anatomy and Physiology I	BIOL 1T**	4
BIO 173	Human Anatomy and Physiology II	BIOL 1T**	4
BIO 186	Microbiology (with lab)	MICRO 2T**	4
BIO 190	Introduction to Biotechnology	BIOL 1T**	4
BIO 191	Introductory Biotechnology (w/lab)	BIOL 2T**	3
BIO 928	Independent Study	BIOL 2T**	1-3
BIO 949	Special Topics	BIOL 2T**	1-3

BUSINESS

BUS 102	Introduction to Business	BUSAD 1T**	3
BUS 110	Business Math and Calculators	CAREER/TECH	
BUS 121	Business Communications	ENGL 1T**	3
BUS 130	Introduction to Entrepreneurship	MGMT 1T**	3
BUS 150	E-commerce	MKT 2T**	3
BUS 161	Human Relations	CAREER/TECH	
BUS 185	Business Law I	ACCT 215	3
BUS 186	Business Law II	ACCT 2T**	3
BUS 230	Quantitative Methods Business Decision Making	MATH 150	3
BUS 238	Business Problem Solving	MGMT 2T**	3
BUS 932	Internship	BUSAD 2T**	4
BUS 928	Independent Study	BUSAD 2T**	1-3
BUS 949	Special Topics	BUSAD 2T**	1-3

COMPUTER AIDED DRAFTING

CAD 113-280	By Title	CAREER/TECH	
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CHEMISTRY

CHM 101	Fundamentals of Chemistry	CHEM 163	3
CHM 166	General Chemistry I	CHEM 177	4
	General Chemistry I Lab	CHEM 177L	1
CHM 176	General Chemistry II	CHEM 178	4
	General Chemistry II Lab	CHEM 178L	1
CHM 261	Organic Chemistry I	CHEM 331	3
	Organic Chemistry I Lab	CHEM 331L	1
CHM 271	Organic Chemistry II	CHEM 332	3
	Organic Chemistry II Lab	CHEM 332L	1
CHM 928	Independent Study	CHEM 2T**	1-3
CHM 949	Special Topics	CHEM 2T**	1-3

COMPUTER PROGRAMMING

CIS 121	Introduction to Programming Logic	COM S 1T**	3
CIS 152	Data Structures	COM S 2T**	3
CIS 161	C++	COM S 2T**	3
CIS 171	JAVA	COM S 2T**	3
CIS 215	Server Side Web Programming	COM S 1T**	3
CIS 230-339	By Title	CAREER/TECH	
CIS 604	Visual BASIC	COM S 1T**	3
CIS 612	Advanced Visual BASIC	COM S 1T**	3
CIS 650	PC Operating Systems	COM S 2T**	3
CIS 750	Project Management	COM S 2T**	3
CIS 755	Management Information Systems	MIS 1T**	3
CIS 928	Independent Study	COM S 2T**	1-3
CIS 949	Special Topics	COM S 2T**	1-3

CULTURAL STUDIES

CLS 105	Cultural Diversity and Identity	SOC 2T**	3
CLS 150	Latin American History and Culture	HIST 2T**	3
CLS 164	Japanese History and Culture	HUM 2T**	3
CLS 168	Asian Culture through Film	HUM 2T**	3
CLS 928	Independent Study	HUM 2T**	1-3
CLS 949	Special Topics	HUM 2T**	1-3

SOUTHWESTERN COMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
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COMMUNICATION

COM 101	Sharpening Your Business Writing Skills	CAREER/TECH	
COM 928	Independent Study	COMM 2T**	1-3
COM 949	Special Topics	COMM 2T**	1-3

CONSTRUCTION

CON 141-402	By Title	CAREER/TECH	
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CRIMINAL JUSTICE

CRJ 200	Criminology	SOC 2T**	3
CRJ 928*	Independent Study	CJ ST 2T**	1-3
CRJ 949*	Special Topics	CJ ST 2T**	1-3

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COLLISION REPAIR/REFINISH

CRR 101-833	By Title	CAREER/TECH	
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COMPUTER SCIENCE

CSC 110	Introduction to Computers	COM S 103	3
CSC 928	Independent Study	COM S 2T**	1-3

DRAFTING

DRF 113	Fundamentals of Technical Drafting	CAREER/TECH	
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EARLY CHILDHOOD EDUCATION

ECE 106	Child Development Assoc Standards Course	CAREER/TECH	
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ECONOMICS

ECN 115	Personal Finance	HD FS 283	3
ECN 120	Principles of Macroeconomics	ECON 102	3
ECN 130	Principles of Microeconomics	ECON 101	3
ECN 928	Independent Study	ECON 2T**	1-3
ECN 949	Special Topics	ECON 2T**	1-3

EDUCATION

EDU 120	Communication, Ethics, and Confidentiality	C I 1T**	2
EDU 121	Behavior Improvement	C I 1T**	2
EDU 122	Roles and Responsibilities	C I 1T**	2
EDU 165	Early Childhood: Pre-Kindergarten-Grade 3	C I 1T**	3
EDU 170	Special Needs: Pre-Kindergarten-Grade 12	C I 1T**	3
EDU 213	Introduction to Education	C I 204	3
EDU 928	Independent Study	C I 2T**	1-3
EDU 949	Special Topics	C I 2T**	1-3

EMERGENCY MEDICAL SERVICES

EMS 210	EMT Basic	CAREER/TECH	
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ENGLISH COMPOSITION

ENG 020-043	By Title		No Credit
ENG 101	Elements of Writing	ENGL 1T**	3
ENG 105	Composition I	ENGL 150	3
ENG 106	Composition II	ENGL 250	3
ENG 221	Creative Writing	ENGL 2T**	3

SOUTHWESTERN COMMUNITY COLLEGE		ISU EQUIVALENT	CREDITS
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ENGLISH COMPOSITION, continued

ENG 928	Independent Study	ENGL 2T**	1-3
ENG 949	Special Topics	ENGL 2T**	1-3

ENVIRONMENTAL SCIENCE

ENV 115	Environmental Science	BIOL 173	3
ENV 928	Independent Study	ENV S 2T**	1-3
ENV 949	Special Topics	ENV S 2T**	1-3

NON-INTENSIVE ENGLISH AS A SECOND LANGUAGE

ESL 012	ESL Listening/Speaking		No Credit
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FOREIGN LANGUAGE - SPANISH

FLS 141	Elementary Spanish I	SPAN 101	4
FLS 142	Elementary Spanish II	SPAN 102	4
FLS 928	Independent Study	SPAN 1T**	1-3

GEOGRAPHY

GEO 121	World Regional Geography	S SCI 1T**	3
GEO 928	Independent Study	S SCI 2T**	1-3

GRAPHIC COMMUNICATIONS

GRA 137-949	By Title	CAREER/TECH	
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HISTORY

HIS 110	West Civilization: Ancient to Early Modern	HIST 201	3
HIS 111	West Civilization: Early Modern to Present	HIST 202	3
HIS 151	U.S. History to 1877	HIST 221	3
HIS 152	U.S. History since 1877	HIST 222	3
HIS 201	Iowa History	HIST 2T**	3
HIS 257	African-American History	HIST 2T**	3
HIS 268	American Experience in Vietnam	HIST 2T**	3
HIS 949	Special Topics	HIST 2T**	1-3
HIS 928	Independent Study	HIST 2T**	1-3

HEALTH SCIENCES

HSC 114	Medical Terminology	CAREER/TECH	
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LITERATURE

LIT 101	Introduction to Literature	ENGL 201	3
LIT 105	Children's Literature	HD FS 240	3
LIT 110	American Literature to Mid-1800's	ENGL 227	3
LIT 111	American Literature since Mid-1800's	ENGL 228	3
LIT 140	British Literature I	ENGL 225	3
LIT 141	British Literature II	ENGL 226	3
LIT 161	The Short Story	ENGL 2T**	3
LIT 177	Dramatic Literature	ENGL 2T**	3
LIT 178	Mythological and Biblical Literature	HUM 2T**	3
LIT 928	Independent Study	ENGL 2T**	1-3
LIT 949	Special Topics	ENGL 2T**	1-3

SOUTHWESTERN COMMUNITY COLLEGE	ISU EQUIVALENT	CREDITS
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MATHEMATICS

MAT 041-052	By Title		No Credit
MAT 062	Elementary Algebra	MATH 25	No Credit
MAT 080-083	By Title		No Credit
*MAT 101	Intermediate Algebra	MATH 100Z	3

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

MAT 117	Math for Elementary Teachers	MATH 195	3
MAT 120	College Algebra	MATH 140	3
MAT 127	College Algebra and Trigonometry	MATH 142	5
MAT 134	Trigonometry and Analytic Geometry	MATH 1T**	3
MAT 156	Statistics	STAT 104	3
MAT 210	Calculus I	MATH 165	4
MAT 216	Calculus II	MATH 166	4
MAT 219	Calculus III	MATH 265	4
MAT 225	Differential Equations	MATH 266	3
MAT 743	Technical Math	CAREER/TECH	
MAT 928	Independent Study	MATH 2T**	1-3
MAT 949	Special Topics	MATH 2T**	1-3

MANAGEMENT

MGT 101	Principles of Management	MGMT 2T**	3
MGT 110	Small Business Management	MGMT 2T**	3
MGT 928	Independent Study	MGMT 2T**	1-3
MGT 949	Special Topics	MGMT 2T**	1-3

MARKETING

MKT 110	Principles of Marketing	MKT 2T**	3
MKT 928	Independent Study	MKT 2T**	1-3
MKT 949	Special Topics	MKT 2T**	1-3

MEDICAL TRANSCRIPTION

MTR 120-121	By Title	CAREER/TECH	
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MUSIC - APPLIED

MUA 101	Applied Voice	MUSIC 1T**	1
MUA 113	Vocal Improvisation	MUSIC 1T**	1
MUA 116	Applied Jazz Voice	MUSIC 1T**	1
MUA 120	Applied Piano	MUSIC 1T**	1
MUA 126	Applied Strings	MUSIC 1T**	1
MUA 136-137	Jazz Keyboard I, II	MUSIC 1T**	2 each
MUA 138	Applied Jazz Piano	MUSIC 1T**	1
MUA 139	Solo Jazz Performance and Literature I	MUSIC 1T**	1
MUA 143	Applied Brass	MUSIC 1T**	1
MUA 170	Applied Woodwinds	MUSIC 1T**	1
MUA 180	Applied Percussion	MUSIC 1T**	1
MUA 236-237	Jazz Keyboard III, IV	MUSIC 2T**	2 each
MUA 239	Solo Jazz Performance and Literature II	MUSIC 2T**	1
MUA 928	Independent Study	MUSIC 2T**	1-3

MUSIC - GENERAL

MUS 100	Music Appreciation	MUSIC 102	3
MUS 102	Music Fundamentals	MUSIC 101	3

MUSIC - GENERAL, continued

MUS 103	Music Fundamentals II	MUSIC 1T**	3
MUS 120-121	Music Theory I, II	MUSIC 1T**	3 each
MUS 130	Aural Skills I	MUSIC 1T**	2
MUS 131	Aural Skills II	MUSIC 1T**	2
MUS 140	Concert Choir	MUSIC 1T**	1
MUS 145	Concert Band	MUSIC 1T**	1
MUS 152	Vocal Ensemble	MUSIC 1T**	1
MUS 157	Vocal Jazz Ensemble	MUSIC 1T**	1
MUS 161	Instrumental Chamber Ensemble	MUSIC 1T**	1
MUS 163	Instrumental Jazz Ensemble	MUSIC 1T**	1
MUS 170	Jazz Band	MUSIC 1T**	1
MUS 180	Arranging I	MUSIC 1T**	1
MUS 181	Arranging II	MUSIC 1T**	2
MUS 188	Instrumental Workshop	MUSIC 1T**	.5
MUS 190	Jazz Improvisation	MUSIC 1T**	1
MUS 193	Jazz Improvisation II	MUSIC 1T**	2
MUS 194	Fundamentals Recital	MUSIC 1T**	1
MUS 195	Freshman Recital	MUSIC 1T**	1
MUS 196	Fundamentals Final Project	MUSIC 1T**	1
MUS 197	Final Project I	MUSIC 1T**	1
MUS 198	Psychology of Success	PSYCH 131	1
MUS 200	Music History I	MUSIC 2T**	3
MUS 201	Music History II	MUSIC 2T**	3
MUS 204	History of Rock and Roll	MUSIC 2T**	3
MUS 207	The Artist and Society	HUM 2T**	1
MUS 220-221	Music Theory III, IV	MUSIC 2T**	3 each
MUS 230	Fundamentals Skill Development	MUSIC 2T**	2
MUS 260	Introduction to Studio Engineering & Production	MUSIC 2T**	2
MUS 262	Recording Studio Performance	MUSIC 2T**	2
MUS 280-281	Arranging III, IV	MUSIC 2T**	2 each
MUS 290	Fundamentals of Conducting	MUSIC 2T**	2
MUS 292	Great Human Issues	MUSIC 2T**	1
MUS 295	Sophomore Recital	MUSIC 2T**	1
MUS 296	Final Project II	MUSIC 2T**	1
MUS 297	Professional Music Seminar	MUSIC 2T**	1
MUS 928	Independent Study	MUSIC 2T**	1-3

COMPUTER NETWORKING

NET 122-731	By Title	CAREER/TECH	
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PHYSICAL EDUCATION ACTIVITIES

PEA 101	Aerobics Fitness I	EX SP 165	.5
PEA 103	Aquatrim I	EX SP 1T**	.5
PEA 121	Circuit Wellness	EX SP 1T**	1
PEA 149	Pilates I	EX SP 1T**	.5
PEA 164	Swimming I	EX SP 101	1
PEA 176	Volleyball I	EX SP 182	1
PEA 187	Weight Training I	EX SP 166	1
PEA 189	Yoga/Stretching I	EX SP 1T**	.5
PEA 192	Walking I	EX SP 1T**	1
PEA 295	Scuba Diving	EX SP 2T**	2

PHYSICAL EDUCATION ACTIVITIES, continued

PEA 928	Independent Study	EX SP 2T**	1-3
PEA 949	Special Topics	EX SP 2T**	1-3

COACHING/OFFICIATING

PEC 101	Introduction to Coaching	EX SP 1T**	3
PEC 108	Sports and Society	EX SP 1T**	3
PEC 128	Care and Prevention of Athletic Injuries	EX SP 220	3
PEC 928	Independent Study	EX SP 2T**	1-3

GENERAL PHYSICAL EDUCATION AND HEALTH

PEH 101	Health	H S 1T**	2
PEH 141	First Aid	H S 105	2
PEH 162	Introduction to Physical Education	EX SP 1T**	3
PEH 255	Principles of Sports Management	EX SP 2T**	3
PEH 928	Independent Study	EX SP 2T**	1-3

INTERCOLLEGIATE PHYSICAL EDUCATION

PEV 115	Varsity Baseball	ATH 1T**	1
PEV 121	Varsity Basketball, Men	ATH 101B	1
PEV 122	Varsity Basketball, Women	ATH 101C	1
PEV 130	Varsity Cross Country	ATH 1T**	1
PEV 140	Varsity Golf	ATH 1T**	1
PEV 160	Varsity Softball	ATH 101K	1
PEV 170	Varsity Volleyball	ATH 101R	1

PHILOSOPHY

PHI 101	Introduction to Philosophy	PHIL 201	3
PHI 105	Introduction to Ethics	PHIL 230	3
PHI 928	Independent Study	PHIL 2T**	1-3
PHI 949	Special Topics	PHIL 2T**	1-3

PHYSICAL SCIENCE

PHS 113	Introduction to Physical Science (with lab)	SCI 1T**	4
PHS 125	Physical Science (with lab)	SCI 1T**	4
PHS 928	Independent Study	SCI 2T**	1-3
PHS 949	Special Topics	SCI 2T**	1-3

PHYSICS

PHY 162	College Physics I (with lab)	PHYS 111	4
PHY 172	College Physics II (with lab)	PHYS 112	4
PHY 212	Classical Physics I (with lab)	PHYS 221	5
PHY 222	Classical Physics II (with lab)	PHYS 222	5
PHY 928	Independent Study	PHYS 2T**	1-3
PHY 949	Special Topics	PHYS 2T**	1-3

PRACTICAL NURSING

PNN 172-532	By Title	CAREER/TECH	
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POLITICAL SCIENCE

POL 111	American National Government	POL S 215	3
POL 112	American State and Local Government	POL S 1T**	3

POLITICAL SCIENCE, continued

POL 928	Independent Study	POL S 2T**	1-3
POL 949	Special Topics	POL S 2T**	1-3

PSYCHOLOGY

PSY 111	Introduction to Psychology	PSYCH 101	3
PSY 121	Developmental Psychology	PSYCH 230	3
PSY 171	Health Psychology	PSYCH 1T**	3
PSY 241	Abnormal Psychology	PSYCH 2T**	3
PSY 251	Social Psychology	PSYCH 280	3
PSY 281	Educational Psychology	PSYCH 2T**	3
PSY 928	Independent Study	PSYCH 2T**	1-3
PSY 949	Special Topics	PSYCH 2T**	1-3

READING

RDG 005-008	By Title		No Credit
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RELIGION

REL 101	Survey of World Religion	RELIG 205	3
REL 135*	The Middle East: Religion and Politics	HUM 2T**	3
REL 928	Independent Study	RELIG 2T**	1-3
REL 949	Special Topics	RELIG 2T**	1-3

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STUDENT DEVELOPMENT

SDV 110	Success Seminar	XXX 1T**	.5
SDV 114	Strategies for Academic Success	PSYCH 131	3
SDV 153	Pre-Employment Strategies	LAS 1T**	2
SDV 928	Independent Study	XXX 2T**	1-3

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 928	Independent Study	SOC 2T**	1-3
SOC 949	Special Topics	SOC 2T**	1-3

SPEECH

SPC 101	Fundamentals of Oral Communication	SP CM 212	3
SPC 122	Interpersonal Communication	COMST 102	3
SPC 928	Independent Study	SP CM 2T**	1-3
SPC 949	Special Topics	SP CM 2T**	1-3

STRUCTURAL STEEL

STR 123-226	By Title	CAREER/TECH	
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