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Associate of Science (General Studies) - AS

Semester-by-Semester Pathway

This degree pathway is outlined as a 2 year degree to transfer. This is a suggested semester by semester list of courses based on the average student load. Consult with your advisor for more information. Not all courses are offered each semester.

(T) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

Semester 1 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Systemwide General Education Framework				
	English Options (SGE) ⁰¹⁰		3.00	6 credits required.
	Mathematics Options (SGE) ⁰³⁰		3.00	3 credits required.
	Social & Behavioral Sciences Options (SGE) ⁰⁵⁰		3.00	6 credits required from two disciplines.
	Arts and Humanities Options (SGE) ⁰⁶⁰		3.00	6 credits required from two disciplines.
Additional Pathway Electives				
	AS Electives		3.00	
Semester Total:			15.00	

Semester 2 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Systemwide General Education Framework				
	English Options (SGE) ⁰¹⁰		3.00	6 credits required.
	Natural & Physical Science Lab Options (SGE) ⁰⁴⁰		5.00	4-5 credits required including a lab.
	Social & Behavioral Sciences Options (SGE) ⁰⁵⁰		3.00	6 credits required from two disciplines.
	Arts and Humanities Options (SGE) ⁰⁶⁰		3.00	6 credits required from two disciplines.
Additional Pathway Electives				
Semester Total:			14.00	

Semester 3 - Fall				
Complete	Course ID	Course Title	Credit Hours	Notes
Systemwide General Education Framework				
	Communication Options (SGE) ⁰²⁰		3.00	3 credits required.
	Natural & Physical Science Lab Options (SGE) ⁰⁴⁰		4.00	4-5 credits required including a lab.
	Institutional Options (SGE) ⁰⁷⁰		3.00	6 credits required.
Additional Pathway Electives				

	AS Electives	5.00	
Semester Total:		15.00	

Semester 4 - Spring				
Complete	Course ID	Course Title	Credit Hours	Notes
Systemwide General Education Framework				
	Institutional Options (SGE) 070		3.00	6 credits required.
Additional Pathway Electives				
	AS Electives		13.00	
Semester Total:			16.00	

Total Credits: 60.00

*A minimum of 60 hours is required to earn a HutchCC AA, AS, or AFA degree; however additional credit hours may be outlined on the transfer pathway to meet the program requirements for a 4-year institution.

**34-35 credit hours fulfill the Systemwide General Education Framework.

***Semester offerings reflect the current academic year.

English Options (SGE) ⁰¹⁰			
Course ID	Course Title	Credit Hours	Notes
EN100	English Composition IB ▶	3.00	Fall, Spring, Summer Prereq: EN098 Intro to College Writing with a grade of C or higher, or Accuplacer Next Generation Writing Score of 240 to 254, or HS GPA over 2.25, or ACT English Score of 17 to 19.
EN101	English Composition IA ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above.
EN102	English Composition II ▶	3.00	Fall, Spring, Summer Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.

Communication Options (SGE) ⁰²⁰			
Course ID	Course Title	Credit Hours	Notes
SH101	Public Speaking ▶	3.00	Fall, Spring, Summer
SH210	Interpersonal Communication ▶	3.00	Fall, Spring, Summer

Mathematics Options (SGE) ⁰³⁰			
Course ID	Course Title	Credit Hours	Notes
MA106	College Algebra ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA107	Plane Trigonometry ▶	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
MA110	Calculus ▶	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA111	Analytical Geometry and Calculus I ▶	5.00	Fall, Spring, Summer Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA117	Contemporary Math ▶	3.00	Fall, Spring, Summer

Natural & Physical Science Lab Options (SGE) ⁰⁴⁰			
Course ID	Course Title	Credit Hours	Notes
BI101	General Biology ▶	4.00	Fall, Spring, Summer
BI103	Human Anatomy and Physiology ▶	6.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI104	Biology I ▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.
BI105	Biology II ▶	5.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI107	Human Anatomy and Physiology I ▶	4.00	Fall, Spring
BI108	Human Anatomy and Physiology II ▶	4.00	Spring Prereq: BI107 Human Anatomy and Physiology I.
BI112	General Microbiology ▶	4.00	Fall, Spring, Summer Prereq: (BI101, BI103, BI104, BI105) BI107 is not a valid prereq code.

CH101	General Chemistry ↗	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I ↗	5.00	Fall, Spring Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+.
CH106	Chemistry II ↗	5.00	Spring Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry ↗	5.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
PY103	Physical Geology ↗	3.00	Fall, Spring, Summer
PY104L	Physical Geology Lab ↗	1.00	Fall, Spring, Summer
PY110	Physical Science ↗	5.00	Fall, Spring
PY112	General Physics I ↗	5.00	Fall, Spring Prereq: MA106 College Algebra or higher math.
PY113	General Physics II ↗	5.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I ↗	5.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II ↗	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.



Social & Behavioral Sciences Options (SGE) 050			
Course ID	Course Title	Credit Hours	Notes
EC100	Macroeconomics ↗	3.00	Fall, Spring, Summer
EC101	Microeconomics ↗	3.00	Fall, Spring, Summer
GE101	World Geography ↗	3.00	Fall, Spring, Summer
GO100	American Government ↗	3.00	Fall, Spring, Summer
GO101	State and Local Government ↗	3.00	Fall
GO102	International Relations ↗	3.00	Spring
GO110	Introduction to Political Science ↗	3.00	Fall
GO132	Comparative Politics ↗	3.00	Fall
LE101	Introduction to Criminal Justice ↗	3.00	Fall, Spring
LE205	Criminal Law ↗	3.00	Fall
PS100	General Psychology ↗	3.00	Fall, Spring, Summer
PS101	Human Relations	3.00	Fall, Spring, Summer
PS102	Human Growth and Development ↗	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PS201	Psychology of Personality	3.00	Fall, Spring Prereq: PS100 General Psychology with grade of C or higher.
PS202	Abnormal Psychology	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
SO100	Fundamentals of Sociology ↗	3.00	Fall, Spring, Summer
SO101	Marriage and Family ↗	3.00	Fall, Spring, Summer
SO106	Introduction to Women's Studies ↗	3.00	Fall, Spring, Summer
SO111	Cultural Anthropology ↗	3.00	Fall, Spring, Summer
SO113	Cultural Diversity ↗	3.00	Fall, Spring
SO122	Introduction to Social Work ↗	3.00	Fall
SO201	Social Problems ↗	3.00	Fall, Spring, Summer Prereq: SO100 Fundamentals of Sociology.

Arts and Humanities Options (SGE) ⁰⁶⁰

Course ID	Course Title	Credit Hours	Notes
AR101	Art Appreciation	3.00	Fall, Spring, Summer
AR104	Art History: Paleolithic to Medieval	3.00	Fall
AR105	Art History: Renaissance to Modern	3.00	Spring
AR106	Art in the Elementary Classroom	3.00	Fall, Spring
EN120	Children's Literature	3.00	Fall, Spring
EN121	World Mythology	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN128	Introduction to Creative Writing	3.00	Fall, Spring
EN201	Introduction to Literature	3.00	Fall, Spring, Summer Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.
EN202	British Literature I	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN203	British Literature II	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN204	American Literature I	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN205	American Literature II	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN207	Introduction to Shakespeare	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN214	Introduction to Cultural Studies: Fairy Tales	3.00	Fall, Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN215	Medieval Literature in Contemporary Society	3.00	Prereq: EN100 or EN101 or EN103 with a grade of C or higher.
EN217	Podcast Fiction	3.00	Fall, Spring Prereq: EN100 English Comp IB, or EN101 English Composition IA.
HI101	American History 1492-1865	3.00	Fall, Spring, Summer
HI102	American History 1865-Present	3.00	Fall, Spring, Summer
HI103	World History to 1600	3.00	Fall, Spring, Summer
HI104	World History Since 1600	3.00	Fall, Spring, Summer
HI112	Western Civilization to 1500	3.00	Fall
HI113	Western Civilization 1500-Present	3.00	Spring, Summer
HI122	Film History of World War II	3.00	Spring
HI122L	Film History of World War II Lab	0.00	Spring
HI201	Topics in History	3.00	Spring
JL101	Introduction to Mass Communications	3.00	Fall, Spring, Summer
MU101	Music Appreciation	3.00	Fall, Spring, Summer
MU106	Music Theory I	3.00	Fall
MU107	Music Theory II	3.00	Spring Prereq: MU106 Music Theory I.
MU127	Introduction To Jazz/Jazz Rock	3.00	Fall, Spring
MU201	Music in the Elementary Classroom	3.00	Fall
MU206	Music Theory III	3.00	Fall Prereq: MU107 Music Theory II.
MU207	Music Theory IV	3.00	Spring Prereq: MU206 Music Theory III.
PL101	Introduction to Philosophy	3.00	Fall, Spring, Summer

PL103	Logic and Critical Thinking ▶	3.00	Fall, Spring
PL104	Ethics ▶	3.00	Fall, Spring, Summer
PL105	Death and Dying	3.00	Fall, Spring, Summer
RE101	New Testament Literature ▶	3.00	Spring
RE102	Old Testament Literature ▶	3.00	Fall
RE106	Introduction to World Religions ▶	3.00	Spring
SH101	Public Speaking ▶	3.00	Fall, Spring, Summer
SH103	Oral Interpretation	3.00	Spring
SH122	Voice and Diction ▶	3.00	
SH210	Interpersonal Communication ▶	3.00	Fall, Spring, Summer
SO113	Cultural Diversity ▶	3.00	Fall, Spring
SP101	Elementary Spanish I ▶	5.00	Fall, Spring, Summer
SP102	Elementary Spanish II ▶	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.
SP105	Elementary Spanish III ▶	5.00	Prereq: SP102 Spanish II.
TH115	Theatre Appreciation ▶	3.00	Fall, Spring, Summer
TH122	Voice and Diction ▶	3.00	

Institutional Options (SGE) ⁰⁷⁰			
Course ID	Course Title	Credit Hours	Notes
AR101	Art Appreciation ▶	3.00	Fall, Spring, Summer
AR104	Art History: Paleolithic to Medieval ▶	3.00	Fall
AR105	Art History: Renaissance to Modern ▶	3.00	Spring
AR106	Art in the Elementary Classroom ▶	3.00	Fall, Spring
AR110	Drawing I ▶	3.00	Fall
AR122	2-D Design ▶	3.00	Fall
AR123	3-D Design ▶	3.00	Spring
BI101	General Biology ▶	4.00	Fall, Spring, Summer
BI102	Ecology of Environmental Problems ▶	3.00	Spring
BI103	Human Anatomy and Physiology ▶	6.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI104	Biology I ▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.
BI105	Biology II ▶	5.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI107	Human Anatomy and Physiology I ▶	4.00	Fall, Spring
BI108	Human Anatomy and Physiology II ▶	4.00	Spring Prereq: BI107 Human Anatomy and Physiology I.
BI112	General Microbiology ▶	4.00	Fall, Spring, Summer Prereq: (BI101, BI103, BI104, BI105) BI107 is not a valid prereq code.
BU101	Accounting I ▶	3.00	Fall, Spring, Summer
BU102	Accounting II ▶	3.00	Fall, Spring, Summer Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better.
BU105	Introduction to Business ▶	3.00	Fall, Spring, Summer
BU107	Personal Finance ▶	3.00	Fall, Spring, Summer
BU109	Business Communications ▶	3.00	Fall, Spring, Summer

BU118	Introduction to Leadership 	3.00	Fall, Spring
BU201	Managerial Accounting 	3.00	Fall, Spring, Summer Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU202	Marketing 	3.00	Fall, Spring
BU203	Management 	3.00	Fall, Spring, Summer
BU205	Business Law I 	3.00	Fall, Spring
CC101	Introduction to Early Childhood Education 	3.00	Fall, Spring
CC105	Infant and Toddler Development 	3.00	Fall
CH101	General Chemistry 	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I 	5.00	Fall, Spring Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+.
CH106	Chemistry II 	5.00	Spring Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry 	5.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
CH201	Organic Chemistry I 	5.00	Fall Prereq: CH106 Chemistry II.
CH202	Organic Chemistry II 	5.00	Spring Prereq: CH201 Organic Chemistry I.
CS111	Visual Basic Programming 	3.00	Fall, Spring, Summer
CS200	Problem Solving and Programming 	4.00	Fall, Spring Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming.
EC100	Macroeconomics 	3.00	Fall, Spring, Summer
EC101	Microeconomics 	3.00	Fall, Spring, Summer
ED201	Introduction to Education 	3.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED201L	Introduction to Education Practicum 	1.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED205	Educating Exceptional Students 	3.00	Fall, Spring Prereq: ED201 Introduction to Education with a grade of C or higher.
ED206	Technology for Teachers 	3.00	Fall, Spring
ED207	Elementary School PE & Health 	3.00	Spring
EN120	Children's Literature 	3.00	Fall, Spring
EN128	Introduction to Creative Writing 	3.00	Fall, Spring
EN201	Introduction to Literature 	3.00	Fall, Spring, Summer Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.
EN204	American Literature I 	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN205	American Literature II 	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
GE101	World Geography 	3.00	Fall, Spring, Summer
GO100	American Government 	3.00	Fall, Spring, Summer
GO101	State and Local Government 	3.00	Fall
GO102	International Relations 	3.00	Spring
GO110	Introduction to Political Science 	3.00	Fall
GO132	Comparative Politics 	3.00	Fall
HE202	Nutrition 	3.00	Fall, Spring, Summer
HI101	American History 1492-1865 	3.00	Fall, Spring, Summer
HI102	American History 1865-Present 	3.00	Fall, Spring, Summer

HI103	World History to 1600 ▸	3.00	Fall, Spring, Summer
HI104	World History Since 1600 ▸	3.00	Fall, Spring, Summer
HR105	Medical Terminology ▸	3.00	Fall, Spring, Summer
IS104	Microcomputer Applications ▸	3.00	Fall, Spring, Summer
JL101	Introduction to Mass Communications ▸	3.00	Fall, Spring, Summer
LE101	Introduction to Criminal Justice ▸	3.00	Fall, Spring
LE205	Criminal Law ▸	3.00	Fall
MA106	College Algebra ▸	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA107	Plane Trigonometry ▸	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics ▸	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
MA110	Calculus ▸	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA111	Analytical Geometry and Calculus I ▸	5.00	Fall, Spring, Summer Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA113	Analytical Geometry and Calculus II ▸	5.00	Fall, Spring, Summer Prereq: MA111 with a grade of C or higher.
MA117	Contemporary Math ▸	3.00	Fall, Spring, Summer
MA206	Differential Equations ▸	3.00	Fall, Spring Prereq: MA113 with a grade of C or higher.
MU101	Music Appreciation ▸	3.00	Fall, Spring, Summer
MU106	Music Theory I ▸	3.00	Fall
MU107	Music Theory II ▸	3.00	Spring Prereq: MU106 Music Theory I.
MU201	Music in the Elementary Classroom ▸	3.00	Fall
PE105	Personal and Community Health ▸	3.00	Fall, Spring, Summer
PE106	First Aid and CPR ▸	2.00	Fall, Spring
PE185	Exercise Physiology ▸	3.00	Spring
PL101	Introduction to Philosophy ▸	3.00	Fall, Spring, Summer
PL103	Logic and Critical Thinking ▸	3.00	Fall, Spring
PL104	Ethics ▸	3.00	Fall, Spring, Summer
PS100	General Psychology ▸	3.00	Fall, Spring, Summer
PS102	Human Growth and Development ▸	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PY102	Weather and Climate	3.00	Spring
PY103	Physical Geology ▸	3.00	Fall, Spring, Summer
PY104L	Physical Geology Lab ▸	1.00	Fall, Spring, Summer
PY110	Physical Science ▸	5.00	Fall, Spring
PY112	General Physics I ▸	5.00	Fall, Spring Prereq: MA106 College Algebra or higher math.
PY113	General Physics II ▸	5.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I ▸	5.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II ▸	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
RE101	New Testament Literature ▸	3.00	Spring

RE102	Old Testament Literature ▶	3.00	Fall
RE106	Introduction to World Religions ▶	3.00	Spring
SH101	Public Speaking ▶	3.00	Fall, Spring, Summer
SH122	Voice and Diction ▶	3.00	
SH210	Interpersonal Communication ▶	3.00	Fall, Spring, Summer
SM180	Basic Sports Medicine ▶	3.00	Fall, Spring
SO100	Fundamentals of Sociology ▶	3.00	Fall, Spring, Summer
SO101	Marriage and Family ▶	3.00	Fall, Spring, Summer
SO106	Introduction to Women's Studies ▶	3.00	Fall, Spring, Summer
SO111	Cultural Anthropology ▶	3.00	Fall, Spring, Summer
SO113	Cultural Diversity ▶	3.00	Fall, Spring
SO122	Introduction to Social Work ▶	3.00	Fall
SO201	Social Problems ▶	3.00	Fall, Spring, Summer Prereq: SO100 Fundamentals of Sociology.
SP101	Elementary Spanish I ▶	5.00	Fall, Spring, Summer
SP102	Elementary Spanish II ▶	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.
SP105	Elementary Spanish III ▶	5.00	Prereq: SP102 Spanish II.
TH115	Theatre Appreciation ▶	3.00	Fall, Spring, Summer
TH116	Acting I ▶	3.00	Fall
TH121	Acting II ▶	3.00	Fall Prereq: TH116 Acting I with a grade of C or better.
TH122	Voice and Diction ▶	3.00	

AS Electives			
Course ID	Course Title	Credit Hours	Notes
AB110	Painting and Refinishing I	3.00	Fall
AB111	Painting and Refinishing II	3.00	Spring
AB112	Painting and Refinishing III	3.00	Fall
AB113	Painting and Refinishing IV	4.00	Spring
AB114	Non-Structural Analysis and Damage Repair I	4.00	Fall
AB115	Non-Structural Analysis and Damage Repair II	4.00	Spring
AB116	Non-Structural Analysis and Damage Repair III	4.00	Fall
AB117	Non-Structural Analysis and Damage Repair IV	5.00	Spring
AB120	Structural Analysis and Damage Repair I	2.00	Fall
AB121	Structural Analysis and Damage Repair II	2.00	Fall
AB122	Structural Analysis and Damage Repair III	3.00	
AB123	Structural Analysis and Damage Repair IV	3.00	
AB124	Mechanical and Electrical Components	3.00	Spring
AE100	AC/DC Circuits	4.00	Fall, Spring
AE105	Industrial Wiring	3.00	Spring

AE150	Programmable Logic Controls (PLCs)	3.00	Fall, Spring Prereq: AE100 AC/DC Circuits.
AE155	Electrical Maintenance	3.00	Fall, Spring Prereq: AE100 AC/DC Circuits.
AE200	Variable Frequency Drives and Electric Motors	3.00	Fall, Spring Prereq: ME110 Fundamentals of Motor Controls.
AE202	Actuator/Sensor Systems	3.00	Spring Prereq: AE155 Electrical Maintenance.
AE205	Intermediate Programmable Logic Controllers	3.00	Fall, Spring Prereq: AE150 Programmable Logic Controllers.
AE208	National Electrical Code	3.00	
AE250	Distributed/Integrated Control Systems	3.00	Fall, Spring Prereq: AE200 Variable Frequency Drives & Electric Motors, or AE205 Industrial PLCs.
AE252	Control Systems Development	3.00	Fall Prereq: AE200 Variable Frequency Drives & Electric Motors, or AE205 Industrial PLCs.
AE255	Industrial Robotics	3.00	Spring Prereq: AE150 Programmable Logic Controllers.
AG101	Agriculture Orientation	1.00	Fall
AG102	Introduction to Food Science	3.00	Fall, Spring
AG103	Principles of Animal Science	3.00	Fall, Spring
AG104	Plant Science	4.00	Fall
AG104L	Plant Science Lab	0.00	Fall
AG105	Principles of Agricultural Economics	3.00	Fall, Spring
AG106	Animal Evaluation I	1.00	Fall
AG107	Animal Evaluation II	1.00	Spring
AG108	Principles of Meat Evaluation	2.00	Spring
AG110	Home Horticulture	2.00	
AG110L	Home Horticulture Lab	0.00	
AG130	Bovine Artificial Insemination	1.00	Fall
AG140	Sales Management	2.00	Fall
AG201	Soils	4.00	Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I.
AG201L	Soils Lab	0.00	Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I.
AG202	Fundamentals of Nutrition	3.00	Fall Prereq: CH101 General Chemistry, or CH105 Chemistry I.
AG203	Principles of Feeding	3.00	Spring
AG203L	Principles of Feeding Lab	0.00	Spring
AG204	Range Management	3.00	Spring
AG213	Animal Evaluation III	1.00	Fall Prereq: AG107 Animal Evaluation II.
AG214	Animal Evaluation IV	1.00	Spring
AL101	Applied Math for Health Care	1.00	
AL131	Geriatric Aide--CNA	4.50	Fall, Spring, Summer
AL132	Medication Aide--CMA	4.50	Fall, Spring Prereq: Allied Health Permission, or Accuplacer Next Generation Reading Score of 231 or above, or Accuplacer Writing Score of 40 to 120, and ACT Reading of 14+.
AL134	Medication (CMA) Update	1.00	Fall, Spring, Summer Prereq: AL132 Medication Aide, and Allied Health Permission.
AL136	Restorative Aide	2.00	Prereq: AL131 Geriatric Aide, and Allied Health Permission.
AL137	Home Health Aide	2.00	Fall, Spring

			Prereq: Allied Health Permission, or Accuplacer Next Generation Reading Score of 231 or above, or Accuplacer Writing Score of 40 to 120, and ACT Reading of 14+.
AL153	Pharmacology	3.00	Fall, Spring, Summer
AL170	Phlebotomy	4.00	Fall, Spring Prereq: Allied Health Permission.
AL226	LPN IV Therapy	4.00	Prereq: Allied Health Permission.
AM101	Power Plant Theory	4.00	Fall
AM102	Electrical I	3.00	Fall, Spring
AM103	Electrical II	5.00	Spring
AM104	Brakes I	3.00	Fall, Spring
AM105	Brakes II	2.00	Fall, Spring
AM201	Suspension & Steering I	3.00	Fall, Spring
AM202	Engine Performance I	3.00	Spring
AM203	Drive Train	4.00	Spring
AM204	Heating and Air Conditioning Theory	4.00	Spring
AM206	Engine Performance II	2.00	Spring
AN101	Digital Animation I	3.00	Fall, Spring
AN103	Storyboard Techniques	3.00	Fall, Spring
AN105	Visual Effects and Compositing	3.00	Spring
AN202	Digital Animation II	3.00	Spring Prereq: AN101 Digital Animation I.
AN204	Character Animation	3.00	Fall Prereq: AN101 Digital Animation I.
AN220	Game Concept Design	3.00	Fall Prereq: AN202 Digital Animation II.
AN222	Animation Portfolio Capstone	3.00	Spring Prereq: AN220 Game Concept Design, or Departmental Consent, and AN204 Character Animation.
AP101	Introduction to Ag Power	6.00	Fall
AP101L	Introduction to Ag Power Lab	0.00	Fall
AP102	Hay and Seeding Systems	2.00	Spring
AP102L	Hay and Seeding Systems Lab	0.00	Spring
AP104	Ag Air Conditioning	2.00	Spring
AP104L	Ag Air Conditioning Lab	0.00	Spring
AP105	Field Study and Conference Internship	4.00	
AP115	Small Engine Chain Saw Repair	3.00	Fall, Spring
AP120	CDL Entry Level Driver Operations	3.00	Fall, Spring, Summer Prereq: Departmental Consent.
AP125	Agriculture Equipment Technology & Optimization	1.00	Spring
AP203	Ag Equipment Powertrains	7.00	Spring Prereq: AP101 Introduction to Ag Power.
AP203L	Ag Equipment Powertrains Lab	0.00	Spring
AP206	Dealership Operations and Procedures	1.00	Spring
AP225	Advanced Ag Equipment Systems	4.00	Spring Prereq: AP125 Ag Equipment Technology & Optimization.
AP225L	Advanced Ag Equipment Systems Lab	0.00	Spring

AP227	Ag Diesel Diagnostics	3.00	Fall Prereq: AP107 Ag Equipment Hydraulics, and AP221 Advanced Ag Equipment Electricity.
AP227L	Ag Diesel Diagnostics Lab	0.00	Fall
AR101	Art Appreciation ▶	3.00	Fall, Spring, Summer
AR101H	Honors Art Appreciation ▶	3.00	
AR104	Art History: Paleolithic to Medieval ▶	3.00	Fall
AR105	Art History: Renaissance to Modern ▶	3.00	Spring
AR106	Art in the Elementary Classroom ▶	3.00	Fall, Spring
AR110	Drawing I ▶	3.00	Fall
AR111	Drawing II	3.00	Fall Prereq: AR110 Drawing I.
AR113	Painting I	3.00	Spring
AR114	Painting II	3.00	Spring Prereq: AR113 Painting I.
AR116	Ceramics I	3.00	Fall
AR117	Ceramics II	3.00	Fall
AR120	Printmaking I	3.00	Spring
AR122	2-D Design ▶	3.00	Fall
AR123	3-D Design ▶	3.00	Spring
AR124	Color Theory	3.00	
AR126	Jewelry Design I	3.00	Fall
AR134	Introduction to Digital Imagery-- Photoshop	3.00	Fall
AR135	Advanced Digital Imagery-- Photoshop	3.00	Spring Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.
AR141	Graphic Design	3.00	Spring
AR160	Art Workshop	3.00	
AR220	Internship	2.00	
BI100	Basic Concepts for Allied Health Studies	1.00	Fall, Spring, Summer
BI101	General Biology ▶	4.00	Fall, Spring, Summer
BI101H	Honors General Biology ▶	4.00	Fall
BI101L	General Biology Lab	0.00	Fall, Spring
BI102	Ecology of Environmental Problems ▶	3.00	Spring
BI103	Human Anatomy and Physiology ▶	6.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI103L	Human Anatomy & Physiology Lab	0.00	Fall, Spring, Summer Prereq: BI100 or BI101 or BI104 or BI105 or BI112 w/Grade of C.
BI104	Biology I ▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.
BI104L	Biology I Lab	0.00	Fall, Spring
BI105	Biology II ▶	5.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI105H	Honors Biology II ▶	5.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI105L	Biology II Lab	0.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.
BI106	Zoology Internship	4.00	Prereq: BI101 or BI103 or BI104 or BI105.

BI112	General Microbiology 	4.00	Fall, Spring, Summer Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code.
BI112L	General Microbiology Lab	0.00	Fall, Spring, Summer Prereq: BI101 or BI103 or BI104 or BI105, or BI107 Human Anatomy and Physiology I.
BI115	Basic Radiation Biology	2.00	Spring Prereq: BI103 Human A&P.
BT102	Concrete Flatwork and Finishing	3.00	Spring
BT103	Foundation Forming and Erecting	3.00	Fall
BT104	Cabinet Construction and Installation	4.00	Spring
BT105	Electrical and Mechanical Systems	2.00	Fall
BT106	Drywall Installation, Insulation and Ventilation	2.00	Fall, Spring
BT107	Exterior Finish	2.00	Fall, Spring
BT108	Roof & Framing	3.00	Fall, Spring, Summer
BT109	Floors, Walls and Ceiling Framing	4.00	Fall, Spring
BT110	Interior Finish and Trim Installation	3.00	Spring Prereq: Departmental Consent.
BT112	Hard Surface Installation	2.00	Spring
BT120	Introductory Craft Skills	2.00	Fall, Spring
BT121	Construction Safety	1.00	Fall, Spring
BT125	Electrical I	4.00	Fall, Spring
BT126	Plumbing I	5.00	Fall, Spring
BT131	Construction Basics	2.00	Fall, Spring
BT134	Windows, Doors and Stairs	3.00	Fall, Spring
BT141	Masonry I	3.67	
BT172	Concrete Forming I	2.00	
BT202	Crew Leadership	1.00	
BU100	Small Business Accounting	3.00	Fall, Spring, Summer
BU101	Accounting I 	3.00	Fall, Spring, Summer
BU101H	Honors Accounting I 	3.00	Fall, Spring
BU102	Accounting II 	3.00	Fall, Spring, Summer Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better.
BU102H	Honors Accounting II 	3.00	Fall, Spring Prereq: BU101 Accounting I with a grade of C or better, or BU101H Honors Accounting I with a Grade of C or Higher, or BA101 Accounting I with a grade of C or better.
BU105	Introduction to Business 	3.00	Fall, Spring, Summer
BU106	Calculating Machines	1.00	Fall, Spring
BU107	Personal Finance 	3.00	Fall, Spring, Summer
BU108	Business Mathematics	3.00	Fall, Spring, Summer
BU109	Business Communications 	3.00	Fall, Spring, Summer
BU110	Records Management	2.00	Fall, Spring
BU111	Quickbooks	3.00	Fall, Spring Prereq: BU100 Small Business Accounting, or BU101 Accounting I.
BU118	Introduction to Leadership 	3.00	Fall, Spring
BU120	Job Search/Retention	1.00	Fall, Spring, Summer
BU121	Customer Service/Professional Image	3.00	Fall, Spring, Summer
BU122	Presentation Software	1.00	
BU126	Introduction to Keyboarding	1.00	

BU127	Beginning Keyboarding	3.00	Fall, Spring
BU128	Intermediate Keyboarding	3.00	Fall, Spring
BU129	Production Keyboarding	3.00	Fall, Spring
BU141	Sales Management	3.00	Fall, Spring, Summer
BU142	Retailing	3.00	Fall, Spring
BU145	Advertising	3.00	Fall, Spring, Summer
BU147	Internship I	2.00	Fall, Spring, Summer
BU148	Internship II	2.00	Fall, Spring, Summer
BU149	Internship III	2.00	Fall, Spring, Summer
BU151	Introduction to Entrepreneurship	1.00	Fall, Spring
BU152	Marketing Applications for Entrepreneurs	1.00	Fall, Spring
BU153	Financial Management for Entrepreneurs	1.00	Fall, Spring
BU154	Business Management for Entrepreneurs	1.00	Fall, Spring
BU156	Developing the Business Plan	1.00	Fall, Spring
BU201	Managerial Accounting ▶	3.00	Fall, Spring, Summer Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU201H	Honors Managerial Accounting ▶	3.00	Prereq: BU102 with a C or higher or BA102 with a C or higher.
BU202	Marketing ▶	3.00	Fall, Spring
BU203	Management ▶	3.00	Fall, Spring, Summer
BU204	Small Business Management	3.00	Spring, Summer Prereq: BU100 Small Business Accounting, or Departmental Consent, or BU101 Accounting I.
BU205	Business Law I ▶	3.00	Fall, Spring
BU214	Word Processing: Microsoft Word for Windows	3.00	Fall, Spring
BU217	Spreadsheet Management	3.00	Fall, Spring
BU218	Database Management	3.00	Fall, Spring
BU224	Human Resources Basics	3.00	Fall, Spring
CC101	Introduction to Early Childhood Education ▶	3.00	Fall, Spring
CC102	Creative Activities I	2.00	
CC104	Nutrition, Health, and Safety	3.00	Fall
CC105	Infant and Toddler Development ▶	3.00	Fall
CC201	Child Care Lab I	4.00	
CC202	Child Care Lab II	4.00	
CC204	Child Care Center Administration	3.00	
CC206	Building Family and Community Relations	3.00	Fall
CC207	Teaching Young Children with Special Needs	3.00	Spring
CH101	General Chemistry ▶	5.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH101L	General Chemistry Lab	0.00	Fall, Spring, Summer Prereq: MA106 College Algebra, or MA117 Contemporary Math, or MA108 Elements of Statistics.
CH105	Chemistry I ▶	5.00	Fall, Spring Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+.

CH105L	Chemistry I Lab	0.00	Fall, Spring Prereq: ACT Math Score of 21 or higher, or MA105 or higher math, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or Accuplacer Math Score of 81+.
CH106	Chemistry II ▶	5.00	Spring Prereq: CH105 Chemistry I with a C or Higher.
CH106L	Chemistry II Lab	0.00	Spring Prereq: CH105 Chemistry I with a C or Higher.
CH108	Principles of Organic and Biochemistry ▶	5.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
CH108L	Principles of Organic & Biochemistry Lab	0.00	Fall Prereq: CH105 Chemistry I, or Departmental Consent.
CH201	Organic Chemistry I ▶	5.00	Fall Prereq: CH106 Chemistry II.
CH201L	Organic Chem I Lab	0.00	Fall Prereq: CH106 Chemistry II.
CH202	Organic Chemistry II ▶	5.00	Spring Prereq: CH201 Organic Chemistry I.
CH202L	Organic Chemistry II Lab	0.00	Spring Prereq: CH201 Organic Chemistry I.
CS104	Computers in Healthcare	3.00	Fall, Spring, Summer
CS106	Computer Engineering	4.00	Fall, Spring
CS111	Visual Basic Programming ▶	3.00	Fall, Spring, Summer
CS121L	Programming Language Lab	1.00	Fall, Spring Prereq: CS111 Visual Basic Programming, or CS200 Problem Solving and Programming.
CS200	Problem Solving and Programming ▶	4.00	Fall, Spring Prereq: MA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming.
CS203	Discrete Structures	3.00	Spring Prereq: MA106 College Algebra with a grade of C or higher.
CS206	Data Structures and Algorithms	3.00	Fall Prereq: CS200 Problem Solving and Programming.
DR100	Computer Aided Drafting I	3.00	Fall, Spring, Summer
DR101	Technical Drafting	3.00	Fall, Spring
DR102	Machine Drafting	5.00	Fall, Spring Prereq: DR100 Computer Aided Drafting I.
DR102L	Machine Drafting Lab	0.00	
DR107	Construction Drafting	3.00	Fall, Spring Prereq: DR100 Computer Aided Drafting I.
DR119	Parametric Modeling I: Autodesk Inventor	3.00	Fall, Spring
DR211	Computer Aided Drafting II	3.00	Fall Prereq: DR100 Computer Aided Drafting I.
DR212	Architectural Drafting I	3.00	Fall, Spring
DR212H	Honors Architectural Drafting I	3.00	
DR213	Architectural Drafting II	3.00	Fall, Spring Prereq: DR212 Architectural Drafting I.
DR214	Advanced CAD Applications	3.00	
DR215	Civil Drafting	3.00	Spring Prereq: DR100 Computer Aided Drafting I.
DR216	Computer Drafting Internship	3.00	Fall, Spring Prereq: DR119 Parametric Modeling I: Autodesk Inventor, or Departmental Consent, and DR212 Architectural Drafting I.
DR219	Parametric Modeling II: Autodesk Inventor	3.00	Fall, Spring Prereq: DR119 Parametric Modeling I: Autodesk Inventor.
DR220	Computer Drafting Capstone	3.00	Fall, Spring Prereq: DR119 Parametric Modeling I: Autodesk Inventor, or Departmental Consent, and DR212 Architectural Drafting I.

EC100	Macroeconomics ▶	3.00	Fall, Spring, Summer
EC100H	Honors Macroeconomics ▶	3.00	Fall, Spring
EC101	Microeconomics ▶	3.00	Fall, Spring, Summer
EC101H	Honors Microeconomics ▶	3.00	Fall, Spring
ED105	Success Seminar/College Orientation	1.00	Fall, Spring, Summer
ED105H	Honors Success Seminar/College Orientation	1.00	Fall
ED110	Career Decision Making	1.00	
ED115	College Orientation and Career Exploration	2.00	Fall, Spring
ED201	Introduction to Education ▶	3.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED201H	Honors Introduction to Education ▶	3.00	Spring Prereq: a GPA of 2.5 or higher.
ED201L	Introduction to Education Practicum ▶	1.00	Fall, Spring Prereq: a GPA of 2.5 or higher, and PS100 General Psychology.
ED218H	Honors Directed Studies	1.00	Spring
EE120	Apprentice Electricity I	10.00	
EE121	Apprentice Electricity II	10.00	
EE122	Apprentice Electricity III	10.00	
EE123	Apprentice Electricity IV	10.00	
EE124	Apprentice Electricity V	10.00	
EM101	Emergency Medical Responder	8.00	
EM110	Emergency Medical Technician	10.00	Fall, Spring, Summer
EM110L	Emergency Medical Technician/Paramedic Lab	0.00	Fall, Spring, Summer
EM120	Advanced EMT I	9.00	Fall, Spring
EM131	Cardiac Care (CPR)	0.50	Fall, Spring, Summer
EM191	Paramedic I	13.00	Fall, Spring
EM191L	Paramedic I Lab	0.00	Fall, Spring
EM192	Paramedic II	12.00	Spring, Summer
EM192L	Paramedic II Lab	0.00	Spring, Summer Prereq: Departmental Consent.
EM201	Paramedic III	12.00	Fall, Summer
EM201L	Paramedic III Lab	0.00	Fall, Summer Prereq: Departmental Consent.
EM202	Paramedic IV	16.00	Fall, Spring
EM202L	Paramedic IV Lab	0.00	Fall, Spring Prereq: Departmental Consent.
EN098	Introduction to College Writing	2.00	Fall
EN099	Elements of Writing	2.00	Fall, Spring, Summer Prereq: EN098 Intro to College Writing with a grade of C or higher, or Accuplacer Next Generation Writing Score of 240 to 254, or HS GPA over 2.25, or ACT English Score of 17 to 19.
EN100	English Composition IB ▶	3.00	Fall, Spring, Summer Prereq: EN098 Intro to College Writing with a grade of C or higher, or Accuplacer Next Generation Writing Score of 240 to 254, or HS GPA over 2.25, or ACT English Score of 17 to 19.
EN101	English Composition IA ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accu NG Writing Score 255+ & Accu NG Reading Score 255+, and ACT Reading Score of 18 or above, or ACT English Score of 18 or above.

EN102	English Composition II ▶	3.00	Fall, Spring, Summer Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN102H	Honors English Composition II ▶	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN101H English Comp IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN107	Business English Grammar	3.00	Fall, Spring
EN108	Career and Technical Writing	3.00	Fall, Spring
EN120	Children's Literature ▶	3.00	Fall, Spring
EN120H	Children's Literature	3.00	
EN121	World Mythology	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN128	Introduction to Creative Writing ▶	3.00	Fall, Spring
EN201	Introduction to Literature ▶	3.00	Fall, Spring, Summer Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.
EN202	British Literature I	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN202H	Honors British Literature I	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN203	British Literature II	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN203H	Honors British Literature II	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN204	American Literature I ▶	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN204H	Honors American Literature I ▶	3.00	Fall Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN205	American Literature II ▶	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN205H	Honors American Literature II ▶	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN206	Contemporary Literature	3.00	Prereq: EN101/G=C, EN100/G=C, EN103/G=C is not a valid prereq code.
EN207	Introduction to Shakespeare	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN214	Introduction to Cultural Studies: Fairy Tales	3.00	Fall, Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN214H	Honors Intro to Cultural Studies: Fairy Tales	3.00	Spring Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN215	Medieval Literature in Contemporary Society	3.00	Prereq: EN100 or EN101 or EN103 with a grade of C or higher.
EN215H	Honors Medieval Literature in Contemporary Society	3.00	Prereq: EN100 or EN101 or EN103 with a grade of C or higher.
EN216	Vampires in Literature and Film	3.00	Prereq: EN101 English Composition IA with a grade of C or higher, or EN100 English Comp IB with a grade of C or higher.
EN220	Poetry Writing	3.00	Prereq: EN128 Introduction to Creative Writing.
EN220H	Honors Poetry Writing	3.00	Prereq: EN128 Introduction to Creative Writing.
FM101	Agricultural Mathematics	3.00	Spring
FM102	Farm Crop Production	4.00	Fall
FM105	Farm Management	3.00	Fall, Spring
FM105H	Honors Farm Management	3.00	




FM109	Livestock Management	3.00	Fall, Spring
FM110	Crop and Weed Identification I	1.00	Fall
FM111	Pesticide Applications	1.00	Fall
FM114	Crop and Weed Identification II	1.00	Spring
FM115	Microcomputers in Agriculture I	3.00	
FM120	Farm and Ranch Management Internship	4.00	Summer
FM202	Agriculture Marketing	3.00	Fall
FM203	Crop and Weed Identification III	1.00	Fall
FM204	Crop and Weed Identification IV	1.00	Spring
FS102	Construction Methods and Materials	3.00	Fall, Spring, Summer
FS103	Introduction to Professional Firefighting	3.00	Fall, Spring, Summer
FS105	Fire Attack	1.00	Fall, Spring
FS107	Basic Confined Space Rescue I	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS108	Rope Rescue I	1.50	Fall, Spring
FS109	Rope Rescue II	1.50	Prereq: FS108 Rope Rescue I, or Departmental Consent.
FS110	Firefighter I	5.00	Fall, Spring, Summer
FS110C	Firefighter I	4.00	
FS113	Firefighter II	4.00	Fall, Spring, Summer
FS120	Wildland Firefighter Type II	3.00	Fall, Spring
FS122	Incident Command System	1.00	Fall, Spring
FS124	Wildland Firefighter Internship I	2.00	Spring
FS125	Fire Service Internship I	1.00	
FS126	Portable Pumps and Water Use	1.00	Fall, Spring
FS127	Wildland Fire Powersaw Operations	2.00	Fall, Spring
FS130	Introduction to Fire Ground Strategy and Tactics	3.00	Fall, Spring, Summer
FS145	Firefighter Fitness and Conditioning I	1.00	Fall
FS146	Firefighter Fitness and Conditioning II	1.00	
FS150	Hazardous Materials Operations for First Responder	3.00	Fall, Spring, Summer
FS153	Engine Company Operations	1.00	Fall, Spring
FS155	Ice Rescue Operations	1.50	Fall, Spring
FS156	Ice Rescue Technician	1.00	Fall, Spring
FS160	Rapid Intervention Team	1.00	Fall, Spring
FS175	Intro. to Fire & Emergency Services Administration	3.00	Fall, Spring, Summer
FS203	Fire Hydraulics	3.00	Fall, Spring, Summer
FS205	Arson Investigation	5.00	
FS206	Fire Apparatus Driver/Operator	4.00	Spring
FS211	Fire Officer I	3.00	Spring, Summer
FS212	Fire Officer II	3.00	Fall, Summer
FS225	Fire Service Internship II	1.00	
GE101	World Geography ▶	3.00	Fall, Spring, Summer

GO100	American Government ▶	3.00	Fall, Spring, Summer
GO101	State and Local Government ▶	3.00	Fall
GO102	International Relations ▶	3.00	Spring
HE202	Nutrition ▶	3.00	Fall, Spring, Summer
HE202H	Honors Nutrition ▶	3.00	
HI101	American History 1492-1865 ▶	3.00	Fall, Spring, Summer
HI101H	Honors American History 1492-1865 ▶	3.00	
HI102	American History 1865-Present ▶	3.00	Fall, Spring, Summer
HI102H	Honors Amer. History 1865-Present ▶	3.00	
HI103	World History to 1600 ▶	3.00	Fall, Spring, Summer
HI104	World History Since 1600 ▶	3.00	Fall, Spring, Summer
HI122	Film History of World War II	3.00	Spring
HI122L	Film History of World War II Lab	0.00	Spring
HI201	Topics in History	3.00	Spring
HR100	Health Record Applications I	1.00	
HR103	Health Information Processes	4.00	Fall, Spring
HR105	Medical Terminology ▶	3.00	Fall, Spring, Summer
HR107	Legal and Ethical Issues in Healthcare	3.00	Fall, Spring, Summer
HR202	ICD-10 Coding for Long Term Care	2.00	Fall, Spring, Summer Prereq: HR222 ICD-10-CM/PCS Coding I, or HIM Acceptance.
HR203	HIM Virtual Lab I	1.00	Fall, Spring, Summer Prereq: HR103 Health Information Processes, and HR107 Legal Aspects of Health Information.
HR208	Quality Improvement in Healthcare	2.00	Fall, Spring, Summer Prereq: IS104 Microcomputer Applications, or Departmental Consent.
HR210	CPT Coding	2.00	Fall, Spring, Summer Prereq: HR105 Medical Terminology, or Departmental Consent, and HR222 ICD-10-CM/PCS Coding I.
HR211	HIM Virtual Lab II	1.00	Fall, Spring, Summer Prereq: HR222 ICD-10-CM/PCS Coding I, and HR214 Health Statistics.
HR212	Pathophysiology	4.00	Fall, Spring, Summer Prereq: HR105 Medical Terminology, and BI103 Human A&P.
HR214	Health Statistics	2.00	Fall, Spring, Summer Prereq: IS104 Microcomputer Applications, or Departmental Consent.
HR215	HIM Clinical Affiliation	2.00	Fall, Spring, Summer Prereq: Departmental Consent.
HR216	Reimbursement Methodologies	3.00	Fall, Spring, Summer Prereq: HR222 ICD-10-CM/PCS Coding I, or Departmental Consent, and HR210 CPT Coding.
HR217	Health Record Lab I	1.00	Fall, Spring, Summer Prereq: HR107 Legal Aspects of Health Information, and HR214 Health Statistics.
HR218	Health Record Lab II	1.00	Fall, Spring, Summer Prereq: HR208 Quality Improvement in Healthcare, or Departmental Consent, and HR216 Reimbursement Methodologies.
HR222	ICD-10-CM/PCS Coding I	4.00	Fall, Spring, Summer Prereq: HR105 Medical Terminology, or Departmental Consent, and BI103 Human A&P.
HR223	ICD-10-CM/PCS Coding II	3.00	Fall, Spring, Summer Prereq: HR222 ICD-10-CM/PCS Coding I, or Departmental Consent.
HR224	Coding Lab	1.00	Fall, Spring, Summer Prereq: HR222 ICD-10-CM/PCS Coding I, or Departmental Consent.
HR225	Health Record Coding Practicum	1.00	Fall, Spring, Summer Prereq: Departmental Consent.
IS100	Cybersecurity Application	3.00	Fall, Spring
IS103	Microcomputer Literacy	2.00	Fall, Spring, Summer

IS104	Microcomputer Applications 	3.00	Fall, Spring, Summer
IS105	Advanced Microcomputer Applications	3.00	Fall, Spring Prereq: IS104 Microcomputer Applications.
IS108	Word Processing I	1.00	Fall, Spring, Summer
IS109	Word Processing II	1.00	Fall, Spring, Summer Prereq: IS108 Word Processing I.
IS110	Spreadsheets I	1.00	Fall, Spring, Summer
IS111	Spreadsheets II	1.00	Fall, Spring, Summer Prereq: IS110 Spreadsheets I with a grade of C or better.
IS113	Desktop Publishing	3.00	Spring
IS116	Spreadsheets III	1.00	Prereq: IS111 Spreadsheets II.
IS120	Vector Graphics	3.00	Fall
IS135	Essentials of Web Interaction	2.00	Fall, Spring, Summer
IS137	Website Ethics and Security	3.00	Fall, Spring
IS148	CompTIA A+ Core 1	3.00	Fall, Spring
IS149	CompTIA A+ Core 2	3.00	Fall, Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better.
IS182	Cisco CCNA I/Networking I	3.00	Fall, Spring, Summer
IS183	Cisco CCNA II	3.00	Spring Prereq: IS182 Cisco CCNA I/Networking I.
IS184	Cisco CCNA III	3.00	Prereq: IS183 Cisco CCNA II.
IS201	Database I	1.00	Fall, Spring, Summer
IS202	Database II	1.00	Fall, Spring, Summer Prereq: IS201 Database I with a grade of C or better.
IS210	Computer Internship I	3.00	Fall, Spring, Summer Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 CompTIA A+ Core 2.
IS211	Computer Support Internship II	3.00	Fall, Spring, Summer Prereq: IS210 Computer Internship I.
IS215	Web Development Platform	3.00	Fall, Spring Prereq: IS228 Data Base Structures, or Departmental Consent.
IS224	Networking II	3.00	Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I.
IS225	Website Coding	2.00	Fall, Spring Prereq: IS135 Essentials of Web Interaction, or Departmental Consent.
IS228	Database Structures	3.00	Fall, Spring
IS235	Elements of Linux	3.00	Fall, Spring
IS237	Server Operating Systems and Virtualization	3.00	Fall, Spring Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I.
IS240	Fundamentals of Network Security	3.00	Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I & IS224 Networking II, or Departmental Consent, and IS184 Cisco CNA III, or IS183 Cisco CCNA II.
IS250	Project Management	3.00	Spring
IS255	Graphic Arts Technology Capstone	3.00	Spring Prereq: AR135 or JP119 Advanced Digital Imagery, and IS120 Vector Graphics, and IS113 Desktop Publishing.
IS256	Web Development Special Projects	1.00	Spring Prereq: IS228 Data Base Structures.
IS264	JavaScript	3.00	Fall Prereq: IS225 Website Coding.
IS280	Computer Forensics	3.00	Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, and Departmental Consent, and IS212 Networking I.
IS281	Control Systems Security	3.00	Spring Prereq: IS182 Cisco CCNA I/Networking I, and Departmental Consent, and IS212 Networking I.
IS282	Secure Coding	3.00	Fall Prereq: CS200 Problem Solving and Programming, and Departmental Consent.



JL101	Introduction to Mass Communications ▶	3.00	Fall, Spring, Summer
JL102	Multimedia Writing	3.00	Fall
JL104	Publications Lab I	1.00	Fall
JL105	Publications Lab II	1.00	Fall
JL201	Newspaper Production I	3.00	Fall
JL202	Newspaper Production II	3.00	Spring
JL203	Publications Lab III	1.00	Spring
JL204	Publications Lab IV	1.00	Spring
JL205	Introduction to Magazine Production	2.00	Fall
JL206	Magazine Production and Planning	2.00	Spring
JL220	Journalism & Graphic Arts Technology Internship I	2.00	Fall, Spring
JP110	Basic Photography	3.00	Fall, Spring
JP113	Advanced Photography	3.00	Prereq: JP110 Basic Photography with grade of C or better.
JP118	Introduction to Digital Imagery--Photoshop	3.00	Fall, Spring
JP119	Advanced Digital Imagery--Photoshop	3.00	Spring Prereq: AR134 Introduction to Digital Imagery, or JP118 Introduction to Digital Imagery.
JP216	Studio Portrait Photography	3.00	
JP216L	Studio Portrait Photography Lab	0.00	
LA114	Paralegal Internship	3.00	Fall, Spring
LA130	Law and the Legal Assistant	3.00	Fall, Spring
LA131	Litigation	3.00	Fall
LA132	Elder Law	3.00	
LA134	Family Law	3.00	Spring
LA135	Wills, Estates, and Trusts	3.00	Spring
LA136	Legal Ethics	3.00	Fall
LA150	Employment Law	3.00	Spring
LA231	Introduction to Legal Research and Writing	3.00	Fall, Spring
LA234	Administrative Law	3.00	
LA235	Personal Injury and Civil Wrongs	3.00	Spring
LA238	Real Estate Law	3.00	Fall
LA239	Bankruptcy Law	3.00	
LC098	Study Strategies	1.00	Prereq: LC097 Reading Comprehension I, or Asset Reading Score of 38 or below.
LC105	College Learning Methods	2.00	Fall, Spring, Summer
LE101	Introduction to Criminal Justice ▶	3.00	Fall, Spring
LE102	Criminology	3.00	
LE104	Agency Administration	3.00	Spring
LE107	Criminal Justice Interview and Report Writing	3.00	Fall
LE111	Professional Responsibility in Criminal Justice	3.00	Fall
LE115	Juvenile Delinquency and Justice	3.00	Fall
LE116	Law Enforcement Operations and Procedures	3.00	Spring
LE120	KLETC or Appropriate Law Enforcement Academy Trng.	12.00	

LE201	Introduction to Corrections	3.00	Fall
LE205	Criminal Law ▶	3.00	Fall
LE206	Criminal Procedures	3.00	Spring
LE207	Criminal Investigation	3.00	Spring
LE210	Police Science Internship	2.00	
MA106	College Algebra ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.25, or Accuplacer NextGen QuantReason, Alg,Stats Score 263 or Above, or ACT Math Score of 22 or Higher.
MA107	Plane Trigonometry ▶	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.
MA108	Elements of Statistics ▶	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accuplacer NG QuantReason, Alg, Stats Score 255 or Above, or ACT Math Score of 19 or Higher.
MA110	Calculus ▶	3.00	Fall, Spring, Summer Prereq: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA111	Analytical Geometry and Calculus I ▶	5.00	Fall, Spring, Summer Prereq: MA107 Plane Trigonometry with a grade of C or higher, or ACT Math Score of 25 to 36, or MA109 Pre-Calculus Math with a grade of C or higher.
MA113	Analytical Geometry and Calculus II ▶	5.00	Fall, Spring, Summer Prereq: MA111 with a grade of C or higher.
MA130	Engineering Graphics	5.00	Fall, Spring
MA201	Analytical Geometry and Calculus III	5.00	Fall, Summer Prereq: MA113 with a grade of C or higher.
MA206	Differential Equations ▶	3.00	Fall, Spring Prereq: MA113 with a grade of C or higher.
MC101	Introduction to Machine Technology	3.00	
MC104	Machine Technology Math	2.00	Fall, Spring
MC106	Basic Manufacturing Skills	8.00	
MC110	Bench Work	1.00	Fall
MC111	Print Reading	3.00	Fall, Spring
MC112	Quality Control and Inspection	1.00	Fall, Spring
MC113	Metallurgy	1.00	Fall, Spring Prereq: MC110 BenchWork with a Grade of C or higher, and MC115 Machining I with a Grade of C or higher.
MC114	Machine Tool Processes	1.00	Fall, Spring
MC115	Machining I	3.00	Fall
MC116	Machining II	3.00	Fall, Spring Prereq: MC110 BenchWork with a Grade of C or higher, and MC115 Machining I with a Grade of C or higher.
MC117	CNC Operations	3.00	Fall, Spring Prereq: MC115 Machining I with a Grade of C or higher, or Departmental Consent.
MC118	Safety (OSHA)	1.00	
MC201	Machining Fundamentals III	2.00	
MC202	Inspection and Quality Control	3.00	
MC204	Machine Practices I	3.00	Fall Prereq: Departmental Consent.
MC205	Machine Practices II	3.00	Fall, Spring Prereq: Departmental Consent, or MC204 Machine Practices I w/Grade of C or higher.
ME106	Industrial Fluid Power	3.00	Fall, Spring
ME107	Manufacturing Management	3.00	
ME108	Occupational Safety	2.00	
ME110	Fundamentals of Motor Controls	3.00	Fall, Spring Prereq: AE100 AC/DC Circuits.
ME112	Heating System Fundamentals	3.00	Fall, Spring
ME114	Renewable Energy Technology	3.00	

ME115	HVAC Fundamentals	4.00	Fall, Spring
ME116	Commercial Refrigeration	4.00	Spring
ME117	Commercial Heating and Air Conditioning	4.00	Spring Prereq: ME115 HVAC Fundamentals, and EE203 Instruments & Measurements, or ME116 Commercial Refrigeration.
ME118	Renewable Energy Technology Systems Analysis	4.00	Prereq: ME114 Renewable Energy Technology, and AE155 Electrical Maintenance, and ME115 HVAC Fundamentals.
ME124	Renewable Energy Technology Maintenance	4.00	Prereq: ME114 Renewable Energy Technology, and AE155 Electrical Maintenance, and ME115 HVAC Fundamentals.
ME125	Engineering Technology Internship	3.00	Fall, Spring
ME129	Mechanical Maintenance Skills	3.00	Fall, Spring
ME131	EPA 608	1.00	Fall
ME132	HVAC Load Calculations	1.00	Fall
ME133	HVAC Duct Sizing	1.00	Fall
ME134	HVAC Code Requirements	1.00	Fall
ME135	Industrial Seminar	1.00	
ME140	Low Pressure Boilers	3.00	Spring
MP106	Introduction to Media Technology	3.00	
MP108	Live Event Production	3.00	Fall
MP109	Audio Production I	3.00	Fall, Spring
MP111	Audio/Video Scriptwriting	3.00	Fall, Spring
MP112	Studio and Field Production	3.00	Fall, Spring
MP113	Video Editing and Post-Production I	3.00	Fall, Spring, Summer
MP212	Video Editing and Post-Production II	3.00	Fall Prereq: MP113 Video Editing and Post Production I, or TC113 Video Editing & Post Production I.
MP213	Advanced Production Techniques	3.00	Spring Prereq: MP112 Studio and Field Production.
MP214	Applied Production Logistics	3.00	Spring Prereq: MP112 Studio and Field Production.
MP218	Media and Film Production Capstone	2.00	Spring Prereq: MP213 Advanced Production Techniques, or MP214 Production Management.
MP220	Media and Film Production Internship I	2.00	Fall, Spring, Summer
MP221	Media and Film Production Internship II	2.00	Fall, Spring, Summer
MU101	Music Appreciation 	3.00	Fall, Spring, Summer
MU101H	Honors Music Appreciation 	3.00	
MU103	Aural Skills I	1.00	Fall
MU104	Aural Skills II	1.00	Spring Prereq: MU103 Aural Skills I.
MU106	Music Theory I 	3.00	Fall
MU107	Music Theory II 	3.00	Spring Prereq: MU106 Music Theory I.
MU110	Class Piano I 	1.00	Fall, Spring
MU111	Class Piano II 	1.00	Fall, Spring Prereq: MU110 Class Piano I.
MU112	Class Piano III	1.00	Fall, Spring Prereq: MU111 Class Piano II.








MU113	Class Piano IV	1.00	Fall, Spring Prereq: MU112 Class Piano III.
MU122	Recital and Concert I	1.00	Fall, Spring
MU123	Recital and Concert II	1.00	Fall, Spring Prereq: MU122 Recital and Concert I.
MU125	Jazz Improvisation I	1.00	
MU126	Jazz Improvisation II	1.00	
MU127	Introduction To Jazz/Jazz Rock	3.00	Fall, Spring
MU128	Recital and Concert III	1.00	Fall, Spring Prereq: MU123 Recital and Concert II.
MU129	Recital and Concert IV	1.00	Fall, Spring Prereq: MU128 Recital and Concert III.
MU132	Symphonic Band I	1.00	Fall, Spring
MU133	Concert Choir I	1.00	Fall, Spring
MU136	Dragonnaires	1.00	
MU137	Instrumental Ensemble	1.00	
MU138	Jazz Combo I	1.00	Fall, Spring
MU139	Concert Jazz Band I	1.00	Fall, Spring
MU144	Jazz Lab Band I	1.00	
MU145	Recreational Piano I	1.00	
MU146	Recreational Piano II	1.00	Prereq: MU145 Recreational Piano I.
MU147	Recreational Piano III	1.00	Prereq: MU146 Recreational Piano II.
MU148	Vocal Jazz/Sonance I	1.00	Fall, Spring
MU149	Vocal Jazz/Sonance II	1.00	Fall, Spring Prereq: MU148 Vocal Jazz/Sonance I.
MU150	Vocal Jazz/Sonance III	1.00	Fall, Spring Prereq: MU149 Vocal Jazz/Sonance II.
MU151	Vocal Jazz/Sonance IV	1.00	Fall, Spring Prereq: MU150 Vocal Jazz/Sonance III.
MU152	Vocal Jazz/Badinage I	1.00	Fall, Spring
MU153	Vocal Jazz/Badinage II	1.00	Fall, Spring Prereq: MU152 Vocal Jazz/Badinage I.
MU154	Vocal Jazz/Badinage III	1.00	Fall, Spring Prereq: MU153 Vocal Jazz/Badinage II.
MU155	Vocal Jazz/Badinage IV	1.00	Fall, Spring Prereq: MU154 Vocal Jazz/Badinage III.
MU156	Recreational Piano IV	1.00	Prereq: MU147 Recreational Piano III.
MU158	Pep Band I	1.00	Fall, Spring

MU159	Pep Band II	1.00	Fall, Spring
MU160	Music Performance Workshop	3.00	
MU161	Pep Band III	1.00	Fall, Spring
MU162	Pep Band IV	1.00	Fall, Spring
MU163	Symphonic Band II	1.00	Fall, Spring Prereq: MU132 Symphonic Band I.
MU164	Symphonic Band III	1.00	Fall, Spring Prereq: MU163 Symphonic Band II.
MU165	Symphonic Band IV	1.00	Fall, Spring Prereq: MU164 Symphonic Band III.
MU166	Concert Choir II	1.00	Fall, Spring Prereq: MU133 Concert Choir I.
MU167	Concert Choir III	1.00	Fall, Spring Prereq: MU166 Concert Choir II.
MU168	Concert Choir IV	1.00	Fall, Spring Prereq: MU167 Concert Choir III.
MU171	Applied Music I-Instrumental	1.00	Fall, Spring Prereq: Departmental Consent.
MU172	Applied Music II-Instrumental	1.00	Fall, Spring Prereq: Departmental Consent.
MU173	Applied Music III-Instrumental	1.00	Spring Prereq: Departmental Consent.
MU174	Applied Music IV-Instrumental	1.00	Spring Prereq: Departmental Consent.
MU179	Applied Music I-Voice	1.00	Fall Prereq: Departmental Consent.
MU180	Applied Music II-Voice	1.00	Fall, Spring Prereq: Departmental Consent.
MU181	Applied Music III-Voice	1.00	Spring Prereq: Departmental Consent.
MU182	Applied Music IV-Voice	1.00	Spring Prereq: Departmental Consent.
MU183	Concert Jazz Band II	1.00	Fall, Spring Prereq: MU139 Concert Jazz Band I.
MU184	Concert Jazz Band III	1.00	Fall, Spring Prereq: MU183 Concert Jazz Band II.
MU185	Concert Jazz Band IV	1.00	Fall, Spring Prereq: MU184 Concert Jazz Band III.
MU186	Jazz Combo II	1.00	Fall, Spring Prereq: MU138 Jazz Combo I.
MU187	Jazz Combo III	1.00	Fall, Spring Prereq: MU186 Jazz Combo II.
MU188	Jazz Combo IV	1.00	Fall, Spring Prereq: MU187 Jazz Combo III.
MU189	Jazz Lab Band II	1.00	Prereq: MU144 Jazz Lab Band I.
MU190	Jazz Lab Band III	1.00	Prereq: MU189 Jazz Lab Band II.
MU191	Jazz Lab Band IV	1.00	Prereq: MU190 Jazz Lab Band III.
MU203	Aural Skills III	1.00	Fall Prereq: MU104 Aural Skills II.

MU204	Aural Skills IV	1.00	Spring Prereq: MU203 Aural Skills III.
MU206	Music Theory III	3.00	Fall Prereq: MU107 Music Theory II.
MU207	Music Theory IV	3.00	Spring Prereq: MU206 Music Theory III.
MU208	History of Art Music of the Western World	3.00	
MU210	Class Guitar I	1.00	
MU211	Class Guitar II	1.00	Prereq: MU210 Class Guitar I.
MU212	Class Guitar III	1.00	Prereq: MU211 Class Guitar II.
MU213	Class Guitar IV	1.00	Prereq: MU212 Class Guitar III.
MU226	Jazz Improvisation III	1.00	
MU227	Jazz Improvisation IV	1.00	
NR103	LPN Transition to RN	2.00	Summer Prereq: Associate Degree Nursing Acceptance.
NR103L	LPN Transition to RN Practicum	1.00	Summer Prereq: Associate Degree Nursing Acceptance.
NR110	Foundations in Nursing	6.00	Fall Prereq: Associate Degree Nursing Acceptance.
NR110L	Foundations of Nursing Lab	1.00	Fall Prereq: Associate Degree Nursing Acceptance.
NR113	Concepts of Professional Nursing	1.00	Fall Prereq: Associate Degree Nursing Acceptance.
NR210L	Medical-Surgical III Lab	0.00	
NR211L	Advanced Skills Lab	1.00	Fall Prereq: Associate Degree Nursing Acceptance.
NR216L	Maternal-Infant Nursing Lab	0.00	
NR220	Complex Care of the Adult	4.00	Fall, Spring Prereq: Associate Degree Nursing Acceptance.
NR220L	Complex Care of the Adult Practicum	2.00	Fall, Spring Prereq: Associate Degree Nursing Acceptance.
NR221	Leadership and Management Concepts in Nursing	1.00	Fall, Spring Prereq: Associate Degree Nursing Acceptance.
NR221L	Leadership & Management Concepts in Nursing Practi	2.00	Fall, Spring Prereq: Associate Degree Nursing Acceptance.
NR224	Role Transition: Student to the Professional Nurse	1.00	Fall, Spring Prereq: Associate Degree Nursing Acceptance.
PE101	Introduction to Physical Education	3.00	Fall
PE101H	Honors Introduction to Physical Education	3.00	
PE102	Theory of Football	2.00	Fall, Spring, Summer
PE103	Theory of Basketball	2.00	Fall, Spring, Summer
PE104	Theory of Track	2.00	Fall, Spring
PE105	Personal and Community Health 	3.00	Fall, Spring, Summer
PE105H	Honors Personal and Community Health 	3.00	Fall

PE106	First Aid and CPR ▶	2.00	Fall, Spring
PE106L	First Aid & CPR Lab	0.00	Fall, Spring
PE107	Rules and Mechanics of Officiating	2.00	Fall
PE112	Introduction to Sports Management	3.00	Fall, Spring
PE115	Theory of Volleyball	2.00	
PE116	Theory of Baseball	2.00	Fall, Spring, Summer
PE122	Rhythms I	2.00	Fall
PE122L	Rhythms I Lab	0.00	Fall
PE123	Rhythms II	2.00	Spring
PE123L	Rhythms II Lab	0.00	Spring
PE126	Conditioning and Fitness Concepts I	1.00	Fall, Spring, Summer
PE127	Conditioning and Fitness Concepts II	1.00	Fall, Spring, Summer Prereq: PE126 Conditioning & Fitness Concepts I.
PE145	Golf	1.00	
PE151	Social Dance-Beginning	1.00	
PE156	Aerobic Dance	1.00	
PE173	Fitness for Life	1.00	Fall, Spring, Summer
PE178	Yoga I	1.00	
PE179	Yoga II	1.00	Prereq: PE178 Yoga I.
PE180	Yoga III	1.00	Prereq: PE179 Yoga II.
PE181	Yoga IV	1.00	Prereq: PE180 Yoga III.
PE185	Exercise Physiology ▶	3.00	Spring
PE186	Aerobic Fitness I	1.00	Fall, Spring
PE187	Aerobic Fitness II	1.00	Fall, Spring Prereq: PE186 Aerobic Fitness I.
PE188	Aerobic Fitness III	1.00	Fall, Spring Prereq: PE187 Aerobic Fitness II.
PE189	Aerobic Fitness IV	1.00	Fall, Spring Prereq: PE188 Aerobic Fitness III.
PE203	Rhythms III	2.00	Fall
PE203L	Rhythms III Lab	0.00	Fall
PE204	Rhythms IV	2.00	Spring
PE204L	Rhythms IV Lab	0.00	Spring
PE210	Conditioning and Fitness Concepts III	1.00	Fall, Spring, Summer Prereq: PE127 Conditioning & Fitness Concepts II.
PE211	Conditioning and Fitness Concepts IV	1.00	Fall, Spring, Summer Prereq: PE210 Conditioning & Fitness Concepts III.
PE228	Sports Finance	3.00	Fall
PE250	Sports in Society	3.00	Fall, Spring
PL101	Introduction to Philosophy ▶	3.00	Fall, Spring, Summer
PL101H	Honors Introduction to Philosophy ▶	3.00	Fall
PL103	Logic and Critical Thinking ▶	3.00	Fall, Spring
PL104	Ethics ▶	3.00	Fall, Spring, Summer

PL104H	Honors Ethics ▶	3.00	
PL105	Death and Dying	3.00	Fall, Spring, Summer
PN100	KSPN Foundations of Nursing	4.00	Fall, Spring Prereq: Practical Nursing Acceptance.
PN104	PN Program Orientation	1.00	Fall, Spring Prereq: Practical Nursing Acceptance.
PN106	KSPN Nursing Care of Adults I	5.00	Fall, Summer Prereq: Practical Nursing Acceptance.
PN107	KSPN Care of Aging Adults	2.00	Spring Prereq: Practical Nursing Acceptance.
PN108	KSPN Maternal Child Nursing	2.00	Fall, Spring Prereq: Practical Nursing Acceptance.
PN112	KSPN Nursing Care of Adults II	5.00	Spring Prereq: Practical Nursing Acceptance.
PN114	KSPN Leadership, Roles, and Issues	2.00	Spring, Summer Prereq: Practical Nursing Acceptance.
PN115	KSPN Foundations of Nursing Clinical	2.00	Fall, Spring Prereq: Practical Nursing Acceptance.
PN116	KSPN Nursing Care of Adults I Clinical	2.00	Fall Prereq: Practical Nursing Acceptance.
PN117	KSPN Nursing Care of Adults II Clinical	2.00	Spring, Summer Prereq: Practical Nursing Acceptance.
PN118	KSPN Maternal Child Nursing Clinical	1.00	Spring Prereq: Practical Nursing Acceptance.
PN119	KSPN Fund of Pharmacology & Safe Medication Admin	2.00	Fall, Spring Prereq: Practical Nursing Acceptance.
PN120	KSPN Mental Health Nursing	2.00	Fall Prereq: Practical Nursing Acceptance.
PS100	General Psychology ▶	3.00	Fall, Spring, Summer
PS100H	Honors General Psychology ▶	3.00	Fall
PS101	Human Relations	3.00	Fall, Spring, Summer
PS102	Human Growth and Development ▶	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PS102H	Honors Human Growth and Development ▶	3.00	Prereq: PS100 General Psychology.
PS201	Psychology of Personality	3.00	Fall, Spring Prereq: PS100 General Psychology with grade of C or higher.
PS202	Abnormal Psychology	3.00	Fall, Spring, Summer Prereq: PS100 General Psychology.
PT201	Clinical Kinesiology and Applied Anatomy	4.00	Fall Prereq: PTA Acceptance.
PT203	Basic Principles and Practices of Physical Therapy	4.00	Fall Prereq: PTA Acceptance.
PT205	Modalities for Physical Therapy	4.00	Fall Prereq: PTA Acceptance.
PT207	Orthopedic Rehabilitation	4.00	Spring Prereq: PTA Acceptance.
PT210	Therapeutic Exercise	4.00	Fall Prereq: PTA Acceptance.
PT212	Neuromuscular Rehabilitation	4.00	Spring Prereq: PTA Acceptance.
PT214	Multi-Systems Therapeutic Approach	4.00	Spring Prereq: PTA Acceptance.
PT217	Clinical Practice I	3.00	Fall Prereq: PTA Acceptance.
PT219	Clinical Practice II	4.00	Spring Prereq: PT217 Clinical Practice I.

PT220	Professional Issues I	2.00	Fall Prereq: PTA Acceptance.
PT221	Clinical Practice III	6.00	Summer Prereq: PT219 Clinical Practice II.
PT222	Professional Issues II	2.00	Spring Prereq: PTA Acceptance.
PT224	Professional Issues III	1.00	Summer Prereq: PTA Acceptance.
PY102	Weather and Climate	3.00	Spring
PY103	Physical Geology 	3.00	Fall, Spring, Summer
PY104L	Physical Geology Lab 	1.00	Fall, Spring, Summer
PY110	Physical Science 	5.00	Fall, Spring
PY110L	Physical Science Lab	0.00	Fall, Spring
PY112	General Physics I 	5.00	Fall, Spring Prereq: MA106 College Algebra or higher math.
PY112L	General Physics I Lab	0.00	Fall, Spring Prereq: MA106 College Algebra or higher math.
PY113	General Physics II 	5.00	Spring Prereq: PY112 Gen Physics I.
PY113L	General Physics II Lab	0.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I 	5.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY201L	Engineering Physics I Lab	0.00	Fall Prereq: MA111 Analytical Geometry & Calculus I, or MA112H Honors Analytical Geometry & Calculus.
PY202	Engineering Physics II 	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
PY202L	Engineering Physics II Lab	0.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
PY205	Engineering Mechanics-Statics	3.00	Spring Prereq: PY201 Engineering Physics I, and MA111 Analytical Geometry & Calculus I.
RA102	Radiographic Pathology	3.00	Spring Prereq: Radiology Acceptance.
RA105	Radiographic Exposures I	4.00	Fall Prereq: Radiology Acceptance.
RA105L	Radiographic Exposures I Lab	0.00	Fall Prereq: Radiology Acceptance.
RA106	Radiographic Exposures II	4.00	Spring Prereq: Radiology Acceptance, and RA105 Radiographic Exposures I.
RA106L	Radiographic Exposures II Lab	0.00	Spring Prereq: Radiology Acceptance.
RA110	Patient Care and the Imaging Profession	3.00	Fall
RA115	Radiologic Physics	2.00	Fall Prereq: Radiology Acceptance.
RA201	Clinical Training I	8.00	Fall Prereq: Radiology Acceptance, and RA205 Radiographic Exposures III.
RA202	Clinical Training II	8.00	Spring Prereq: RA201 Clinical Training I with a Grade of C or Higher.
RA203	Clinical Training III	5.00	Summer
RA205	Radiographic Exposures III	4.00	Summer Prereq: RA106 Radiographic Exposures II.
RA205L	Radiographic Exposures III Lab	0.00	Summer Prereq: Radiology Acceptance.
RA210	Imaging Modalities	2.00	Fall Prereq: RA205 Radiographic Exposures III with a Grade of C or Higher.

RA211	Cranial Imaging and Computed Tomography	2.00	Fall Prereq: RA205 Radiographic Exposures III with a Grade of C or Higher.
RA212	Physical Foundations of Radiology	4.00	Spring Prereq: RA201 Clinical Training I.
RA213	Radiographic Principles	3.00	Summer Prereq: RA202 Clinical Training II.
RE101	New Testament Literature ▶	3.00	Spring
RE102	Old Testament Literature ▶	3.00	Fall
RE106	Introduction to World Religions ▶	3.00	Spring
RT200	Introduction to Respiratory Care	3.00	Fall Prereq: Respiratory Care Acceptance.
RT201	Cardiopulmonary Anatomy and Physiology	3.00	Fall Prereq: Respiratory Care Acceptance.
RT202	Cardiopulmonary Pathology	3.00	Fall, Spring Prereq: Respiratory Care Acceptance.
RT203	Cardiopulmonary Assessment	3.00	Fall, Spring Prereq: Respiratory Care Acceptance.
RT204	Respiratory Care Science	3.00	Fall Prereq: Respiratory Care Acceptance.
RT205	Neonatal and Pediatric Respiratory Care	2.00	Fall Prereq: Respiratory Care Acceptance.
RT210	Therapeutic Modalities I	4.00	Spring Prereq: Respiratory Care Acceptance.
RT211	Therapeutic Modalities II	4.00	Fall Prereq: Respiratory Care Acceptance.
RT212	Therapeutic Modalities III	4.00	Spring Prereq: Respiratory Care Acceptance.
RT221	Clinical Training I	5.00	Spring Prereq: Respiratory Care Acceptance.
RT222	Clinical Training II	5.00	Fall Prereq: Respiratory Care Acceptance.
RT223	Clinical Training III	6.00	Spring Prereq: Respiratory Care Acceptance.
RT225	Respiratory Care Seminar	2.00	Spring Prereq: Respiratory Care Acceptance.
SH101	Public Speaking ▶	3.00	Fall, Spring, Summer
SH101H	Honors Public Speaking ▶	3.00	
SH103	Oral Interpretation	3.00	Spring
SH122	Voice and Diction ▶	3.00	
SH210	Interpersonal Communication ▶	3.00	Fall, Spring, Summer
SM180	Basic Sports Medicine ▶	3.00	Fall, Spring
SO100	Fundamentals of Sociology ▶	3.00	Fall, Spring, Summer
SO100H	Honors Fundamentals of Sociology ▶	3.00	Fall
SO101	Marriage and Family ▶	3.00	Fall, Spring, Summer
SO101H	Honors Marriage and Family ▶	3.00	Fall, Spring
SO103	Stress Management	1.00	Fall, Spring, Summer
SO104	Assertiveness Training	2.00	Fall, Spring, Summer
SO111	Cultural Anthropology ▶	3.00	Fall, Spring, Summer
SO111H	Honors Cultural Anthropology ▶	3.00	
SO113	Cultural Diversity ▶	3.00	Fall, Spring
SO122	Introduction to Social Work ▶	3.00	Fall

SO201	Social Problems 📖	3.00	Fall, Spring, Summer Prereq: SO100 Fundamentals of Sociology.
SP100	Workplace Spanish	2.00	Fall
SP101	Elementary Spanish I 📖	5.00	Fall, Spring, Summer
SP102	Elementary Spanish II 📖	5.00	Fall, Spring Prereq: SP101 Elementary Spanish I, or Departmental Consent, or SP104 Spanish II.
SP105	Elementary Spanish III 📖	5.00	Prereq: SP102 Spanish II.
ST100	Introduction to Surgical Technology	4.00	Fall
ST101	Surgical Procedures I	4.00	Fall Prereq: Surgical Technology Acceptance.
ST102	Principles and Practices of Surgical Technology	5.00	Fall Prereq: Surgical Technology Acceptance.
ST102L	Principles & Practices of Surgical Technology Lab	3.00	Fall Prereq: Surgical Technology Acceptance.
ST103	Surgical Procedures II	5.00	Spring Prereq: BI103 Human A&P, and Surgical Technology Acceptance, and HR105 Medical Terminology.
ST112	Clinical I	1.00	Fall
ST113	Clinical II	5.00	Spring
ST114	Clinical III	5.00	Spring
ST115	Surgical Technology Certification Review	1.00	Spring
TH105	World Cinema	3.00	
TH114	Introduction to Theatrical Design	3.00	Spring
TH115	Theatre Appreciation 📖	3.00	Fall, Spring, Summer
TH115H	Honors Theatre Appreciation	3.00	
TH116	Acting I 📖	3.00	Fall
TH118	Stagecraft 📖	3.00	Fall
TH119	Stage Makeup	3.00	Fall
TH121	Acting II 📖	3.00	Fall Prereq: TH116 Acting I with a grade of C or better.
TH122	Voice and Diction 📖	3.00	
TH123	Theatre Practicum I 📖	1.00	Fall, Spring
TH126	Theatre Performance I	1.00	Fall, Spring
TH127	Theatre Performance II	1.00	Fall, Spring Prereq: TH126 Theatre Performance I.
TH128	Theatre Performance III	1.00	Fall, Spring Prereq: TH127 Theatre Performance II.
TH129	Theatre Performance IV	1.00	Fall, Spring Prereq: TH128 Theatre Performance III.
TH130	Costume Design and Construction	3.00	Spring
TH132	Theatre Practicum II 📖	1.00	Fall, Spring Prereq: TH123 Theatre Practicum I.
TH133	Theatre Practicum III 📖	1.00	Fall, Spring Prereq: TH132 Theatre Practicum II.
TH134	Theatre Practicum IV 📖	1.00	Fall, Spring Prereq: TH133 Theatre Practicum III.
TH135	Theatre Internship	3.00	
TH201	Stage/Television Lighting	3.00	
TH205	Theatre Performance Ensemble	1.00	
TR100	Technical Math	3.00	Fall, Spring
TR107	Orientation for Technicians	1.00	

TR107C	Orientation for Technicians	1.00	
TR120	Work Ethics	2.00	Fall, Spring
TR121	General Industrial Safety/OSHA10	1.00	Fall
TR125	Application of Industrial Practices	8.00	
TR133	Underground Mine Safety and Prevention	2.00	
WE100	Basic Welding	3.00	Fall, Spring
WE101	Welding Safety	1.00	Fall
WE102	Welding Blueprint Reading	3.00	Fall, Spring
WE104	Shielded Metal Arc Welding	3.00	Fall
WE105	Shielded Metal Arc Welding II	3.00	Fall, Spring Prereq: WE104 SMAW w/Grade of C or Higher, or Departmental Consent.
WE106	Cutting Processes for Welding	2.00	Fall
WE110	Gas Metal Arc Welding	3.00	Fall, Spring
WE111	Gas Metal Arc Welding II	3.00	Fall, Spring Prereq: WE110 Gas Metal Arc Welding w/Grade of C or Higher.
WE112	Gas Tungsten Arc Welding	3.00	Fall, Spring
WE113	Gas Tungsten Arc Welding II	3.00	Spring Prereq: WE112 GTAW w/Grade of C or Higher.
WE128	Welding Metallurgy	2.00	Fall, Spring
WE209	Welding Fabrication Processes	4.00	Fall Prereq: Departmental Consent.

Program Notes:

Natural & Physical Science Requirement: Minimum of 9 hours from one of the following disciplines: Biology (BI), Chemistry (CH), Geology (PY103 plus PY104L), or Physical Science (PY). The course must include lecture and a lab. Social & Behavioral Science Requirements: Minimum of 6 hours from two of the following disciplines: Anthropology (SO111), Economics (EC), Geography (GE), Political Science (GO), Criminal Justice (LE101 and LE205), Psychology (PS), or Sociology (SO). 3 hours must be either PS100 General Psychology or SO100 Fundamentals of Sociology. Arts & Humanities Requirements: Minimum of 6 hours from two of the following disciplines: Art (AR)*, Literature (EN)*, Modern Languages (SP), History (HI), Intro to Mass Communications (JL101), Music (MU)*, Philosophy (PL), Religion (RE), Communication (SH101, SH122/TH122, SH210) or Theatre (TH)*.