

www.hutchcc.edu/request-info

Networking - AAS

Degree Pathway

An Associates of Applied Science Degree emphasizes preparation in the applied arts and sciences for careers, typically at the technical or semi-professional level. This degree totals 64 credits. Consult with an advisor for more information.

(**▶**) are Systemwide Transfer Courses

		Required Cou	irses
Course ID	Course Title	Credit Hours	Notes
CS111	Visual Basic Programming	3.00	Fall, Spring
CS121L	Programming Language Lab	1.00	Fall, Spring Prereq: CS111 Visual Basic Programming, or CS200 Problem Solving and Programming.
IS100	Cybersecurity Application	3.00	Fall, Spring
IS104	Microcomputer Applications Ţ▶	3.00	Fall, Spring, Summer
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.
IS160	Cloud Computing	3.00	Prereq: IS182 Cisco CCNA I/Networking I, or Departmental Consent.
IS182	Cisco CCNA I/Networking I	3.00	Fall, Spring
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.
IS224	Networking II	3.00	Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I.
IS235	Elements of Linux	3.00	Fall, Spring
IS237	Server Operating Systems and Virtualization	3.00	Fall, Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, or Departmental Consent.
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.
		Electives	
Course ID	Course Title	Credit Hours	Notes
	General Education Options	12.00	
AR101	Art Appreciation T▶	3.00	Fall, Spring, Summer
AR104	Art History: Paleolithic to Medieval Ţ▶	3.00	Fall
AR105	Art History: Renaissance to Modern Ţ►	3.00	Spring
AR106	Art in the Elementary Classroom ႃ▶	3.00	Fall, Spring
AR110	Drawing I Ţ▶	3.00	Fall, Spring
BI100	Basic Concepts for Allied Health Studies	1.00	Fall, Spring, Summer
BI101	General Biology T▶	4.00	Fall, Spring, Summer
BI102	Ecology of Environmental Problems T	3.00	Fall, Spring
BI103	Human Anatomy and Physiology Ţ▶	6.00	Fall, Spring, Summer Prereq: Bl100 or Bl101 or Bl104 or Bl105 or Bl112 w/Grade of C.
BI104	Biology I T▶	5.00	Fall, Spring Prereq: CH101 General Chemistry, or CH105 Chemistry I with a C or Higher.
BI105	Biology II T▶	5.00	Spring Prereq: BI101 General Biology, or Departmental Consent, or BI104 Biology I.

BI112	General Microbiology T ▶	4.00	Fall, Spring, Summer Prereq: (BI101,BI103,BI104,BI105)BI107 is not a valid prereq code.
BI115	Basic Radiation Biology	2.00	Spring Prereq: BI103 Human A&P.
BU105	Introduction to Business Ţ▶	3.00	Fall, Spring, Summer
BU107	Personal Finance Ţ▶	3.00	Fall, Spring, Summer
BU108	Business Mathematics	3.00	Fall, Spring, Summer
BU109	Business Communications T▶	3.00	Fall, Spring, Summer
CH101	General Chemistry T▶	5.00	Fall, Spring, Summer
CH105	Chemistry I T▶	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 Ţ▶	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.
EC100	Macroeconomics Ţ▶	3.00	Fall, Spring, Summer
EC101	Microeconomics Ţ►	3.00	Fall, Spring, Summer
ED105	Success Seminar/College Orientation	1.00	Fall, Spring, Summer
ED201	Introduction to Education T ▶	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.
EN100	English Composition IB T	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 T	3.00	Fall, Spring, Summer Prereq: HS GPA over 3.0, or Accuplacer NG Writing Score of 255 or Above, or ACT English Score of 20 or above.
EN102	English Composition II T▶	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.
EN107	Business English Grammar	3.00	Fall, Spring
EN108	Career and Technical Writing	3.00	Fall, Spring
EN120	Children's Literature Ţ►	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.
EN122	Science Fiction Literature	3.00	Prereq: EN100 English Comp IB with a grade of C or higher, or EN101 English Composition IA with a grade of C or higher.
EN128	Introduction to Creative Writing Ţ▶	3.00	
EN201	Introduction to Literature Ţ▶	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 Ţ▶	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 T▶	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	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.

EN214	Introduction to Cultural Studies: Fairy Tales	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.
EN215	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.
GE101	World Geography T▶	3.00	Fall, Spring, Summer
GO100	American Government Ţ▶	3.00	Fall, Spring, Summer
GO101	State and Local Government T	3.00	Fall
GO102	International Relations Ţ▶	3.00	Fall, Spring
GO110	Introduction to Political Science Ţ▶	3.00	Fall, Spring
GO110H	Honors Introduction to Political Science Ţ▶	3.00	Fall
HI101	American History 1492-1865 T▶	3.00	Fall, Spring, Summer
HI102	American History 1865-Present T▶	3.00	Fall, Spring, Summer
HI103	World History to 1600 T▶	3.00	Fall, Spring, Summer
HI104	World History Since 1600 T▶	3.00	Fall, Spring, Summer
HI122	Film History of World War II	3.00	Spring
HI201	Topics in History	3.00	
IS103	Microcomputer Literacy	2.00	Fall, Spring, Summer
IS104	Microcomputer Applications T▶	3.00	Fall, Spring, Summer
JL101	Introduction to Mass Communications Ţ▶	3.00	Fall, Spring, Summer
LE101	Introduction to Criminal Justice T►	3.00	Fall, Spring
MA106	College Algebra T▶	3.00	Fall, Spring, Summer
MA107	Plane Trigonometry Ţ▶	3.00	Fall, Spring, Summer
MA108	Elements of Statistics Ţ▶	3.00	Fall, Spring, Summer
MA110	Calculus T⊩	3.00	Fall, Spring, Summer
MA111	Analytical Geometry and Calculus I ⊤	5.00	Fall, Spring, Summer
MA112H	Honors Analytical Geometry and Calculus I	5.00	Prereg: 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.
MA114H	Honors Analytical Geometry and Calculus II	5.00	Prereq: MA111 or MA112H with a grade of C or better.
MA117	Contemporary Math T▶	3.00	Prereq: HS GPA over 3.5, or Accuplacer NextGen QuantReason, Alg, Stats Score 263 or Above, or ACT Math Score of 21 or higher.
MA201	Analytical Geometry and Calculus III	5.00	Fall, Summer Prereq: MA113 with a grade of C or higher.
MA202H	Honors Analytical Geometry and Calculus III	5.00	
MA206	Differential Equations	3.00	Spring Prereq: MA113 with a grade of C or higher.
MU101	Music Appreciation T▶	3.00	
MU106	Music Theory I T▶	3.00	Fall
MU107	Music Theory II T▶	3.00	Spring Prereq: MU106 Music Theory I.
MU127	Introduction To Jazz/Jazz Rock	3.00	
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	

PE105	Personal and Community Health T▶	3.00	Fall, Spring, Summer
PE122	Rhythms I	2.00	Fall
PE123	Rhythms II	2.00	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	
PL101	Introduction to Philosophy T▶	3.00	Fall, Spring, Summer
PL103	Logic and Critical Thinking T ▶	3.00	Fall, Spring
PL104	Ethics Ţ▶	3.00	Fall, Spring, Summer
PL105	Death and Dying	3.00	Fall, Spring, Summer
PS100	General Psychology T▶	3.00	Fall, Spring, Summer
PS101	Human Relations		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.
PY101	Descriptive Astronomy T▶	3.00	- Totoq. 1 0 100 00 total 1 0 yoursegy.
PY102	Weather and Climate		Spring
PY103	Physical Geology Ţ▶		Fall, Spring, Summer
PY104L	Physical Geology Lab T▶	1.00	
PY110	Physical Science T		Fall, Spring
PY112	General Physics I T▶	5.00	Fall, Spring Prereq: MA106 College Algebra or higher math.
PY113	General Physics II T▶	5.00	Spring Prereq: PY112 Gen Physics I.
PY201	Engineering Physics I T	5.00	Fall
PY202	Engineering Physics II T▶	5.00	Spring Prereq: PY201 Eng Phys I with grade of C or better.
RE101	New Testament Literature Ţ►	3.00	Spring
RE102	Old Testament Literature T▶	3.00	Fall
RE106	Introduction to World Religions T▶	3.00	Spring
SH101	Public Speaking T▶	3.00	Fall, Spring, Summer
SH103	Oral Interpretation	3.00	
SH122	Voice and Diction Ţ▶	3.00	Fall
SH210	Interpersonal Communication →	3.00	Fall, Spring, Summer
SO100	Fundamentals of Sociology T ▶	3.00	Fall, Spring, Summer
SO101	Marriage and Family T ►	3.00	Fall, Spring, Summer
SO103	Stress Management	1.00	Fall, Spring, Summer
SO104	Assertiveness Training		Fall, Spring, Summer
SO111	Cultural Anthropology T ▶	3.00	
SO113	Cultural Diversity Ţ▶	3.00	
SO122	Introduction to Social Work Ţ▶	3.00	Fall
			I
SO201	Social Problems T▶	3.00	Fall, Spring, Summer Prereg: SO100 Fundamentals of Sociology.
SO201 SP100	Social Problems T▶ Workplace Spanish	3.00 2.00	Prereq: SO100 Fundamentals of Sociology.

SPI02 Elementary Spanish I	CD402	Flamenton, Chanish II T	5.00	Fall, Spring
TH116	SP102	Elementary Spanish II T		SP104 Spanish II.
Hit16	TH115	Theatre Appreciation T	3.00	Fall, Spring
TH119	TH116	Acting I T	3.00	Fall
TH121	TH118	Stagecraft Ţ▶	3.00	Fall
March Mar	TH119	Stage Makeup	3.00	
TH123	TH121	Acting II T▶	3.00	
TR100 Technical Math 3.00 Fall, Spring	TH122	Voice and Diction Ţ▶	3.00	Fall
Networking Elective Options 12.00 Fall, Spring	TH123	Theatre Practicum I Ţ▶	1.00	Fall, Spring
Networking Elective Options 12.00	TR100	Technical Math	3.00	Fall, Spring
BU118 Introduction to Leadership Ts 3.00 Fall, Spring BU118H Honors Introduction to Leadership Ts 3.00 BU120 Job Search/Retention 1.00 Fall, Spring, Summer BU121 Customer Service/Professional Image 3.00 Fall, Spring, Summer BU203 Management 3.00 Fall, Spring, Summer BU203H Honors Management 3.00 Fall CS106 Computer Engineering 4.00 Fall, Spring, Summer CS203 Discrete Structures 3.00 Spring, Proreg: MA106 College Algebra, or Departmental Consent, and CS203 CS203 Discrete Structures 3.00 Spring, Proreg: MA106 College Algebra or Departmental Consent, and CS204 ED105 Success Seminar/College Orientation 1.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall, Spring, Summer B105A Advanced Microcomputer Applications 3.00 Fall, Spring, Summer B1517 Website Ethics and Security 3.00 Fall, Spring, Summer B1818 Cisco CCNA II 3.00 <	TR120	Work Ethics	2.00	Fall, Spring
BU118H		Networking Elective Options	12.00	
BU120	BU118	Introduction to Leadership Ţ▶	3.00	Fall, Spring
Bul Customer Servicur/Professional Image 3.00 Fall, Spring, Summer	BU118H	Honors Introduction to Leadership T▶	3.00	
BU203 Management Tp 3.00 Fall, Spring, Summer BU203H Honors Management 3.00 Fall CS106 Computer Engineering 4.00 Fall CS200 Problem Solving and Programming 4.00 Fall, Spring Peners, MA106 College Algebra, or Departmental Consent, and CS211 Visual Basic Programming. CS203 Discrete Structures 3.00 Spring Peners, MA106 College Algebra with a grade of C or higher. ED105 Success Seminar/College Orientation 1.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall, Spring IS137 Website Ethics and Security 3.00 Fall, Spring IS138 Cisco CCNA III 3.00 Prierre; IS182 Cisco CCNA I/Networking I. IS184 Cisco CCNA III 3.00 Prierre; IS183 Cisco CCNA II. IS210 Computer Internship I 3.00 Prierre; IS19, Spring, Summer IS211 Computer Support Internship II 3.00 Fall, Spring, Summer IS225 Web Development Platform 3.00 Fall, Spring, Summer IS226 Website Cod	BU120	Job Search/Retention	1.00	Fall, Spring, Summer
BU203H Honors Management 3.00 Fall CS106 Computer Engineering 4.00 Fall CS200 Problem Solving and Programming 4.00 Fall, Spring CS201 Problem Solving and Programming 4.00 Fall, Spring CS202 Discrete Structures 3.00 Spring CS203 Discrete Structures 3.00 Spring CS203 Discrete Structures 3.00 Fall, Spring, Summer ED105 Success Seminar/College Orientation 1.00 Fall IS105 Advanced Microcomputer Applications 3.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall IS105 Advanced Microcomputer Applications 3.00 Fall, Spring, Summer IS137 Website Ethics and Security 3.00 Fall, Spring Prereq: IS104 Microcomputer Applications. IS138 Cisco CCNA III 3.00 Spring Prereq: IS182 Cisco CCNA INtetworking I. IS1814 Cisco CCNA III 3.00 Feet; IS182 Cisco CCNA INtetworking I. IS210 Computer Internship I 3.00 Fall, Spring, Summer Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 Comp1A Ar Care 2. IS211 Computer Support Internship II 3.00 Fall, Spring, Summer Prereq: IS210 Computer Internship I. IS225 Website Coding 2.00 Fall, Spring Spring Prereq: IS226 Dispersional Computer Internship I. IS226 Database Structures 3.00 Fall, Spring Spring Spring Prereq: IS225 Website Coding 3.00 Fall, Spring IS226 Social Media Platform 3.00 Fall IS227 Social Media Platform 3.00 Fall IS228 Database Structures 3.00 Fall IS229 Spring Prereq: IS225 Website Coding. IS229 Computer Forensics 3.00 Fall IS220 Computer Forensics 3.00 Fall IS221 Vebsite Coding. IS222 Spring Sp	BU121	Customer Service/Professional Image	3.00	Fall, Spring, Summer
CS106 Computer Engineering 4.00 Fall Problem Solving and Programming 4.00 Fall Spring Prefere, IMA106 College Algebra, or Departmental Consent, and CS111 Visual Basic Programming. CS203 Discrete Structures 3.00 Spring Spring Prefere; IMA106 College Algebra with a grade of C or higher. ED105 Success Seminar/College Orientation 1.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall Spring Prefere; IS104 Microcomputer Applications. S1317 Website Ethics and Security 3.00 Fall, Spring Spring Prefere; IS104 Microcomputer Applications. S1318 Cisco CCNA II 3.00 Spring Spring Spring Prefere; IS182 Cisco CCNA II/Networking I. S1814 Cisco CCNA III 3.00 Prefere; IS183 Cisco CCNA II/Networking I. S1815 Computer Internship I 3.00 Fall, Spring, Summer Fall, Spring, Summer Prefere; IS183 Sico CCNA II/Networking I. S18210 Computer Support Internship II 3.00 Fall, Spring, Summer Prefere; IS210 Computer Internship I. S18215 Web Development Platform 3.00 Spring Summer Prefere; IS210 Computer Internship I. S225 Website Coding 2.00 Freed; IS228 Data Base Structures, or Departmental Consent. S226 Project Management 3.00 Spring Prefere; IS228 Website Ording. S226 Project Management 3.00 Spring Prefere; IS225 Website Coding. S226 Social Media Platform 3.00 Fall Prefere; IS225 Website Coding. S226 Project Management 3.00 Prefere; IS225 Website Coding. S227 Prefere; IS225 Website Coding. S228 Computer Forensics 3.00 Prefere; IS225 Website Coding. S228 Computer Forensics 3.00 Prefere; IS34 CompTIA A + Core 1 with grade of C or better, and Departmental Consent, and IS212 Networking I. S228 Control Systems Security 3.00 Prefere; IS325 Coco CNA In Networking I, and Departmental Consent, and IS212 Networking I. S229 Prefere; IS325 Noving and Programming, and Departmental Consent, and IS212 Networking I.	BU203	Management Ţ▶	3.00	Fall, Spring, Summer
Problem Solving and Programming 4.00 Fall, Spring Preferent MATGE College Algebra, or Departmental Consent, and CS111 Visual Basic Programming.	BU203H	Honors Management	3.00	Fall
CS200 Problem Solving and Programming 4.00 Prereg: MATOS College Algebra, or Departmental Consent, and CS111 Visual Basic Programming Spring Prereg: MATOS College Algebra with a grade of C or higher. ED105 Success Seminar/College Orientation 1.00 Fall, Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall Spring, Summer ED105H Honors Success Seminar/College Orientation 1.00 Fall Spring, Summer Prereg: IS181 Spring Prereg: IS181 Spring Prereg: IS181 Spring Spring IS183 Cisco CCNA II 3.00 Fall, Spring Prereg: IS182 Cisco CCNA I/Networking I. IS184 Cisco CCNA III 3.00 Frereg: IS183 Cisco CCNA I/Networking I. IS210 Computer Internship I 3.00 Fall, Spring, Summer Prereg: Departmental Consent, and a GPA of 2.5 or higher, and IS149 Compilia Are Core 2. IS211 Computer Support Internship II 3.00 Fall, Spring, Summer Prereg: IS227 Computer Internship I. IS215 Web Development Platform 3.00 Fall, Spring, Summer Prereg: IS227 Computer Internship I. IS225 Website Coding 2.00 Fall, Spring Summer Prereg: IS228 Data Base Structures, or Departmental Consent. IS228 Database Structures 3.00 Fall, Spring Prereg: IS227 Computer Internship I. IS228 Database Structures 3.00 Fall, Spring Prereg: IS225 Website Coding. IS226 Social Media Platform 3.00 Fall IS227 Social Media Platform 3.00 Fall IS228 Database Structures 3.00 Fall IS228 Computer Forensics 3.00 Fall Fall Spring Prereg: IS225 Website Coding. Fall Spring Prereg: IS250 Problem Solving and Programming, and Departmental Consent. and IS212 Networking I.	CS106	Computer Engineering	4.00	Fall
ED105 Success Seminari/College Orientation 1.00 Fall, Spring, Summer 1.00 Fall, Spring Summer 1.00 Fall Spring Prereq: IS104 Microcomputer Applications. 1.00 Fall Spring Prereq: IS104 Microcomputer Applications. 1.00 Fall Spring Prereq: IS105 Fall Spring Prereq: IS105 Fall Spring Prereq: IS105 Fall Spring Summer Prereq: IS105 Fall Spring Summer Prereq: Departmental Consent, and a GPA of 2.5 or higher, and IS149 Complia Ar- Core 2.00 Fall Spring Summer Prereq: IS20 Fall Spring Frereq: IS20 Fall Spring Frereq: IS20 Fall Fall Fall Fall Fall Fall Fall Fal	CS200	Problem Solving and Programming	4.00	Prereg: MA106 College Algebra, or Departmental Consent, and
ED105H Honors Success Seminar/College Orientation 1.00 Fall IS105 Advanced Microcomputer Applications 3.00 Fall, Spring Peree; IS104 Microcomputer Applications. IS137 Website Ethics and Security 3.00 Fall, Spring Peree; IS182 Cisco CCNA I/Networking I. IS183 Cisco CCNA III 3.00 Peree; IS182 Cisco CCNA I/Networking I. IS184 Cisco CCNA III 3.00 Peree; IS182 Cisco CCNA I/Networking I. IS210 Computer Internship I 3.00 Fall, Spring, Summer Peree; IS183 Cisco CCNA I/Networking I. IS211 Computer Support Internship II 3.00 Fall, Spring, Summer Peree; IS210 Computer Internship I. IS215 Web Development Platform 3.00 Spring Summer Peree; IS228 Data Base Structures, or Departmental Consent. IS226 Website Coding 2.00 Peree; IS135 Essentials of Web Interaction, or Departmental Consent. IS228 Database Structures 3.00 Fall, Spring IS250 Project Management 3.00 Spring Spring IS251 Social Media Platform 3.00 Fall IS264 JavaScript 3.00 Fall IS264 Honors JavaScript 3.00 Peree; IS225 Website Coding. IS265 Computer Forensics 3.00 Peree; IS225 Website Coding. IS266 Computer Forensics 3.00 Peree; IS225 Website Coding. IS267 Spring Peree; IS225 Website Coding. IS268 Computer Forensics 3.00 Peree; IS225 Website Coding. IS276 Spring Peree; IS225 Website Coding. IS280 Computer Forensics 3.00 Peree; IS225 Website Coding. IS281 Control Systems Security 3.00 Peree; IS225 Website Coding. IS282 Secure Coding 3.00 Peree; IS225 Website Coding. IS283 Spring Peree; IS225 Website Coding. IS284 Secure Coding 3.00 Peree; IS225 Website Coding. IS285 Secure Coding 3.00 Peree; IS225 Website Coding. IS286 Secure Coding 3.00 Peree; IS225 Website Coding. IS287 Spring Peree; IS225 Website Coding. IS288 Secure Coding 3.00 Peree; IS225 Website Coding. IS289 Spring Peree; IS225 Website Coding. IS280 Secure Coding 3.00 Peree; IS225 Website Coding. IS280 Secure Coding 3.00 Peree; IS225 Website Coding. IS280 Secure Coding 3.00 Peree; IS280 Peree	CS203	Discrete Structures	3.00	Spring
IS105 Advanced Microcomputer Applications 3.00 Fall, Spring Prereq: IS104 Microcomputer Applications.	ED105	Success Seminar/College Orientation	1.00	Fall, Spring, Summer
Perec; IS104 Microcomputer Applications.	ED105H	Honors Success Seminar/College Orientation	1.00	Fall
Secure Coding Spring Spr	IS105	Advanced Microcomputer Applications	3.00	Fall, Spring Prereq: IS104 Microcomputer Applications.
Single Prereq IS182 Cisco CCNA Networking Net	IS137	Website Ethics and Security	3.00	Fall, Spring
S210 Computer Internship 3.00 Fall, Spring, Summer Prereq. Departmental Consent, and a GPA of 2.5 or higher, and IS149 Compilar A + Core 1 with grade of C or better, and Departmental Consent. S211 Computer Support Internship II 3.00 Fall, Spring, Summer Prereq. IS210 Computer Internship I.	IS183	Cisco CCNA II	3.00	
S210 Computer Internship I S.00 Prereg: Departmental Consent, and a GPA of 2.5 or higher, and IS149 Computer Support Internship II S.00 Fall, Spring, Summer Prereg: IS210 Computer Internship I.	IS184	Cisco CCNA III	3.00	Prereq: IS183 Cisco CCNA II.
Secure Coding Secure Codin	IS210	Computer Internship I	3.00	Prereg: Departmental Consent, and a GPA of 2.5 or higher, and IS149
Prereq: IS228 Data Base Structures, or Departmental Consent. S225 Website Coding 2.00 Fall, Spring Prereq: IS135 Essentials of Web Interaction, or Departmental Consent. S228 Database Structures 3.00 Fall, Spring IS250 Project Management 3.00 Spring S251 Social Media Platform 3.00 Fall S252 Social Media Platform 3.00 Fall S264 JavaScript 3.00 Fall Prereq: IS225 Website Coding. IS264 Honors JavaScript 3.00 Prereq: IS225 Website Coding. S264 Honors JavaScript 3.00 Prereq: IS225 Website Coding. S264 Spring Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, and Departmental Consent, and IS212 Networking I. S281 Control Systems Security 3.00 Spring Prereq: IS182 Cisco CCNA I/Networking I, and Departmental Consent, and IS212 Networking I. S282 Secure Coding 3.00 Prereq: CS200 Problem Solving and Programming, and Departmental Consent. S283 Secure Coding 3.00 Prereq: CS200 Problem Solving and Programming, and Departmental Consent. S284 Secure Coding 3.00 Prereq: CS200 Problem Solving and Programming, and Departmental Consent. S285 Secure Coding 3.00 Prereq: CS200 Problem Solving and Programming, and Departmental Consent.	IS211	Computer Support Internship II	3.00	Fall, Spring, Summer Prereq: IS210 Computer Internship I.
S225 Website Coding 2.00 Prereq: IS135 Essentials of Web Interaction, or Departmental Consent.	IS215	Web Development Platform	3.00	Spring Prereq: IS228 Data Base Structures, or Departmental Consent.
IS250 Project Management 3.00 Spring IS252 Social Media Platform 3.00 Fall IS264 JavaScript 3.00 Fall Prereq: IS225 Website Coding. IS264 Honors JavaScript 3.00 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.	IS225	Website Coding	2.00	Prereq: IS135 Essentials of Web Interaction, or Departmental
IS252 Social Media Platform 3.00 Fall IS264 JavaScript 3.00 Fall Prereq: IS225 Website Coding. IS264 Honors JavaScript 3.00 Prereq: IS225 Website Coding. Spring Prereq: IS225 Website Coding. 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. Secure Coding Fall Prereq: CS200 Problem Solving and Programming, and Departmental Consent.	IS228	Database Structures	3.00	Fall, Spring
IS264 JavaScript 3.00 Fall Prereq: IS225 Website Coding.	IS250	Project Management	3.00	Spring
Secure Coding Secure Codin	IS252	Social Media Platform	3.00	Fall
Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, and Departmental Consent, and IS212 Networking I.	IS264	JavaScript	3.00	
S280 Computer Forensics 3.00 Prereq: IS148 CompTIA A+ Core 1 with grade of C or better, and Departmental Consent, and IS212 Networking I.	IS264H	Honors JavaScript	3.00	Prereq: IS225 Website Coding.
Secure Coding Security Secure Coding Security Secure Coding Secure	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.
IS282 Secure Coding 3.00 Prereq: CS200 Problem Solving and Programming, and Departmental Consent.	IS281	Control Systems Security	3.00	Prereg: IS182 Cisco CCNA I/Networking I, and Departmental
TR120 Work Ethics 2.00 Fall, Spring	IS282	Secure Coding	3.00	Prereq: CS200 Problem Solving and Programming, and Departmental
	TR120	Work Ethics	2.00	Fall, Spring

Total Credits: 64.00