Cybersecurity AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	64
Program Start	Fall
Time to Complete	2 years

2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024. Part-time students should visit with a program advisor for a modified sequence of study.

When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.

Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
▶	Course has a prerequisite and/or corequisite.
O	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.

Term 1 — Fall			
CIS-303 Introduction to Database		3	
MAT-110 Math for Liberal Arts ▶ OR		3	◆
MAT-102 Intermediate Algebra ▶ OR		4	◆
MAT-121 College Algebra ▶ OR		4	◆
MAT-128 Precalculus ▶ OR		4	◆
MAT-134 Trigonometry and Analytic Geometry ▶ OR		3	◆
MAT-156 Statistics ▶ OR	O E	3	◆
MAT-210 Calculus I ▶	O	4	◆
NET-109 A+ Certification Prep Course		4	
NET-115 College Experience		1	
NET-202 Programming for Network Administrators		3	
	Total Credits 14		

Term 2 — Spring

NET-178	Intro to Cyber Security		3
NET-213	Cisco Networking ▶		4
NET-313	Windows Server ▶		3
NET-412	Linux System Administration		3
PSY-102	Human and Work Relations OR	O E	3 ◆
PSY-111	Introduction to Psychology OR	O E	3 ◆
SOC-110	Introduction to Sociology	O	3 ◆

Total Credits 16

Term 3 — Summer

NET-228	Cisco Networking II ▶		4
SPC-101	Fundamentals of Oral Communication OR		3 ◆
SPC-112	Public Speaking		3 ◆

Total Credits 7

Term 4 — Fall

COM-781	Written Communication in the Workplace ▶ OR	O E	3 ◆
ENG-105	Composition I ▶	O E	3 ◆
NET-209	Cybersecurity Analyst ▶		4
NET-310	Virtual Machines ▶		3
NET-612	Fundamentals of Network Security ▶		3

Total Credits 13

Term 5 — Spring

CIS-750	Project Management ▶	3
NET-619	Network Attacks: Detection, Analysis & Countermeasures ▶	3
NET-914	Cybersecurity Experiential Learning ▶	3
NET-932	Internship ▶	3
	Cybersecurity Elective *Minimum of 2 credits from the electives list*	2

Total Credits 14

Cybersecurity Electives

BUS-180	Business Ethics	3
CIS-121	Introduction to Programming Logic	3
CIS-604	Visual Basic	3
NET-152	Advanced Network Technology ▶	3
NET-168	Administering Windows Server ▶	3
NET-229	Cisco Networking III ▶	4
NET-475	Certification Preparation ▶	2
NET-494	Microsoft Azure Fundamentals ▶	2
PHI-105	Introduction to Ethics	3
WDV-102	Introduction to Web Development	3
WDV-105	Web Layouts	3