Network Administration and Engineering 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-213 Cisco Networking ►		4	
Total Credits 15			

Term 2 — Spring

COM-781	Written Communication in the Workplace ► OR	O E	3	◆
ENG-105	Composition I ►	O E	3	◆
NET-228	Cisco Networking II ►		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 — Fall

NET-168	Administering Windows Server ►	3
NET-229	Cisco Networking III ►	4
NET-310	Virtual Machines ►	3
NET-494	Microsoft Azure Fundamentals ►	2
NET-612	Fundamentals of Network Security ►	3

Total Credits 15

Term 4 — Spring

CIS-750	Project Management ►	3	
NET-710	SQL Database ►	2	
NET-916	Experiential Learning ►	5	
NET-932	Internship ►	3	
SPC-101	Fundamentals of Oral Communication OR	3	◆
SPC-112	Public Speaking	3	◆
	Elective(s) *Minimum of 2 credits from the electives list*	2	

Total Credits 18

Electives

CIS-604	Visual Basic	3
NET-152	Advanced Network Technology ▶	3
NET-178	Intro to Cyber Security	3
NET-202	Programming for Network Administrators	3
NET-209	Cybersecurity Analyst ▶	4
NET-474	Certification Preparation ▶	1
NET-475	Certification Preparation ▶	2
NET-949	Special Topics	1