Network Administration and Engineering AAS Degree Courses

Award	Associate of Applied Science (AAS)
Credits	68
Program Start	Fall
Time to Complete	2 years

2023–2024 Suggested Sequence of Study

≫ **The following suggested sequence of study is for new full-time students starting the program Fall 2023.** 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

Code	Course		Credits	
CIS-303	Introduction to Database		3	
CSC-116	Information Computing ▶ -OR-	O	3	◆
CSC-110	Introduction to Computers ▶	O	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 18			

Term 2 — Spring

Code	Course		Credits	
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

Code	Course	Credits
NET-168	Administering Windows Server ▶	3
NET-229	Cisco Networking III ▶	4
NET-310	Virtual Machines ▶	3
NET-346	Windows Exchange Server ▶	3
NET-612	Fundamentals of Network Security ▶	3
	Total Credits 16	

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	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-350	Cisco Security ▶	4
NET-474	Certification Preparation ▶	1
NET-475	Certification Preparation ▶	2
NET-949	Special Topics	1