

Network Administration and Engineering AAS Degree Courses

Award: Associate of Applied Science (AAS)

Required number of credits: 68

Program Start: Fall

2021–2022 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program Fall 2021, Spring 2022, or Summer 2022. Part-time students should visit with a program advisor for a modified sequence of study.



When registering for classes refer to your **Academic Evaluation** to see your specific program requirements 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.

Semester 1

CIS-303	Introduction to Database	3	
CSC-116	Information Computing ▶ -OR-	3	◆
CSC-110	Introduction to Computers ▶ -OR-	O E 3	◆
BCA-205	Database/Spreadsheets ▶	3	▣
MAT-110	Math for Liberal Arts ▶ -OR-	O E 3	◆
MAT-102	Intermediate Algebra -OR-	4	◆
MAT-121	College Algebra ▶ -OR-	4	◆
	<u>Math Elective</u>	3	
NET-109	A+ Certification Prep Course	4	
NET-115	College Experience	1	
NET-213	Cisco Networking ▶	4	

Total Credits 18

Semester 2

COM-781	Written Communication in the Workplace ► -OR-	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-	3	◆
PSY-111	Introduction to Psychology -OR-	O E 3	◆
SOC-110	Introduction to Sociology	O E 3	◆
Total Credits 16			

Semester 3

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			

Semester 4

CIS-750	Project Management ►	3	
NET-475	Certification Preparation ► -OR-	2	
CIS-604	Visual Basic -OR-	3	
NET-474	Certification Preparation ► -AND-	1	
NET-949	Special Topics	1	
NET-710	SQL Database ►	2	
NET-916	Experiential Learning ►	5	
NET-932	Internship ►	3	
SPC-101	Fundamentals of Oral Communication	O E 3	◆
Total Credits 18			

* Must take a minimum of 2 credits from this elective list.

Math Electives

MAT-128	Precalculus ►	4	◆
MAT-134	Trigonometry and Analytic Geometry ►	3	◆
MAT-156	Statistics ►	O E 3	◆
MAT-210	Calculus I ►	4	◆
MAT-216	Calculus II ►	4	◆
MAT-219	Calculus III ►	4	◆