

## COMPUTER INFORMATION SYSTEMS

### Associate in Applied Science A.A.S.: Option 2: Information Technology Degree - Network Administration

The 60 credit-hour technical curriculum prepares students for various positions in the field of information technology/computer networking.

This sequenced degree plan is one of two options that students may pursue to earn the Information Technology Associate in Applied Science (AAS) degree. While there are multiple specializations, **this particular degree can be awarded only once.**

F = Fall only course S = Spring only course U = Summer only course

#### FIRST SEMESTER:

Number	Course Title	Credits	Course Category
ENG 101	Composition .....	3	Communications
	Mathematics <sup>1</sup> .....	3	Mathematics
NET 105	IT Fundamentals .....	3	Program Requirement
NET 111	A+ Hardware .....	3	Program Requirement
NET 112	A+ Operating Systems Technologies .....	3	Program Requirement

#### SECOND SEMESTER:

Number	Course Title	Credits	Course Category
CAS 160	Introduction to Business Software Packages .....	3	Program Requirement
ENG 102	Composition or		
ENG 130	Business Writing or		
SPE 101	Fundamentals of Speech Communication <sup>2</sup> .....	3	Communications
	Humanities, Natural Science or Social/Behavioral Science* .....	3	Humanities, Natural Science or Social and Behavioral Science
NET 121	Computer Networking .....	3	Program Requirement
NET 201	Service Desk and Service Management .....	3	Program Requirement

#### THIRD SEMESTER:

Number	Course Title	Credits	Course Category
CIS 106	Computer Logic and Programming Technology .....	3	Program Requirement
	Humanities, Natural Science or Social/Behavioral Science* .....	3	Humanities, Natural Science or Social and Behavioral Science
NET 240	Linux Administration (F) .....	3	Program Requirement
NET 260	Windows Server Administration (F) .....	3	Program Requirement
	Network Administration elective <sup>3</sup> .....	3	Program Requirement

#### FOURTH SEMESTER:

Number	Course Title	Credits	Course Category
	Humanities, Natural Science or Social/Behavioral Science* .....	3	Humanities, Natural Science or Social and Behavioral Science
NET 270	Cisco Networking (CCNET) (S) .....	3	Program Requirement
NET 280	IT Security (S) .....	3	Program Requirement
NET 290	Cloud Computing (S) .....	3	Program Requirement
	Network Administration elective <sup>3</sup> .....	3	Program Requirement

- 1 Students must take at least three credit hours in a mathematics course at the level of MTH 101 or above. MTH 165 or MTH 225 (Statistics) is recommended.
- 2 SPE 101 is recommended.
- + Students must take nine credit hours in a minimum of two of these areas; three hours must be in a course that meets the World Cultures and Diversity graduation requirement. See full list of [AAS General Education Electives](#).
- 3 Students must take three credit hours selected from CIS 101, CIS 137, CIS 143, CIS 211(S), CIS 220, NET 122(F), WEB 150.