

SYSTEM ADMINISTRATION DIPLOMA

Entry Time

Fall

Award

Diploma

3 terms

System administrators work in a fast-paced and challenging area of technology that designs, builds, integrates, maintains and secures local area networks. They may design and support server systems and related software, as well as provide end-user support for many cloud-based and local applications.

Diploma-seeking students will have a good working knowledge of network infrastructure, server and desktop systems, and protocol suites. In addition to training for the technical specialization, the coursework also focuses on communication skills, professionalism, critical thinking and problem solving, legal aspects of technology, basic web design and programming logic as well as teamwork and life-long learning that are essential for success in the workplace and in life.

The coursework strives to provide vendor agnostic situations to give the graduate the greatest breadth of preparation, however vendor specifics are necessary to learn, test and demonstrate the coursework through student learning outcomes.

In addition to the diploma and with additional study, coursework should give direction to the student for some of the following industry credentials:

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- Microsoft Fundamentals Certifications
- CompTIA Linux+
- CompTIA Cloud Essentials
- AWS Cloud Practitioner
- Red Hat Administrator, and
- VMware Certified Professional

This diploma is eligible for state and federal financial aid.

Career Opportunities

- network field technician
- network support technician
- network operations center (NOC)
- entry-level network administrator
- help desk technician
- call center support technician

Course	Title	Credit Hours
Term 1		
ENG-105	Composition I	3
NET-130	Computer Concepts ¹	3
NET-165	Network Plus ¹	3
CIS-121	Introduction to Programming Logic ¹	3
CIS-207	Fundamentals of Web Programming ¹	3
	Term Totals:	15
Term 2		
NET-235	CCNA Cisco 1 ¹	3
NET-630	Ethics in Information Technology ¹	3
NET-650	Cloud Infrastructure ¹	3
NET-168	Administering Windows Server ¹	3
	Term Totals:	12
Term 3		
NET-236	CCNA Cisco 2 ¹	3
NET-600	Network Security Basics ¹	3
NET-176	Administering Red Hat Server ¹	3
NET-616	VMware VCP ¹	3
MKT-180	Customer Service Strategies	1
	Term Totals:	13
	Program Totals:	40

¹ Minimum C- required for graduation