

## IT NETWORK TECHNICIAN

### About the IT Network Technician Program

Provides student the skills necessary to support Local and Wide Area Networks. Students will be able to manage, configure and troubleshoot common network infrastructure issues, including network switching, IP routing, IP services, network device security. Students will acquire a solid foundation in IP addressing. This diploma will prepare the student for the Cisco Certified Entry Network Technician (CCENT) exam.

### PROGRAM OUTLINE

COURSE #	COURSE TITLE	CREDITS
1015011400	Networking 1	3.00
10150114C01	Differentiate between various networking equipment and how data flow through the network using both the OSI and TCP/IP models	0.50
10150114C02	Explain ethernet and how devices communicate on the network	0.50
10150114C03	Perform basic device configuration to setup and maintain network communication	0.50
10150114C04	Design ip addressing schemes to include classful and classless subnetting	0.75
10150114C05	Explain TCP/IP suite protocols	0.25
10150114C06	Build a small network	0.50
1080119500	Written Communication	3.00
10801195C01	Apply conventional elements of formal writing	1.00
10801195C02	Craft effective persuasive formal writing	1.00
10801195C03	Synthesize out sources with formal writing	1.00
1010712800	Introduction to Security	3.00
10107128C01	Investigate basic security concepts	0.75
10107128C02	Identify Policies and procedures to maintain business continuity	0.50
10107128C03	Investigate network threats and countermeasures to protect information systems	0.50
10107128C04	Implement measures to protect applications and data	0.50
10107128C05	Examine compliance standards in different business settings/environments	0.75
1015013000	Networking 2	3.00
10150130C01	Summarize and configure Routers and Routing protocols	0.50
10150130C02	Configure switches to include access methods and VLANs	0.50
10150130C03	Configure Access Control Lists	0.50
10150130C04	Configure Routers to perform DHCP and Network Address translation	0.75
10150130C05	Manage and Maintain Devices on the network	0.25

**Total Credits: 12.00**

Talk with an Academic Advisor about the program outline. Together, you will determine if credits you've already earned satisfy any requirements, discuss possible alternative courses, and choose the best classes if you're thinking of transferring.

## AT A GLANCE

### Flexible Options



ON CAMPUS ONLINE CLASSES MULTIPLE START DATES PERSONALIZED PACE

### 2019 Start Dates

January 16	April 15	September 9
February 4	June 6	October 7
March 4	July 1	November 4
April 1	September 4	

### 2020 Start Dates

January 8	March 2	June 1
January 15	May 8	July 6
February 3	May 11	

### What is Competency-Based Education?

Competency-Based Education (CBE) is learning at your own pace by mastering competencies through demonstration. Once all competencies for a program have been assessed and mastered, students will earn a certificate, diploma, or degree.

[LEARN MORE ABOUT CBE](#)

### Approximate Cost

**\$1,610\***

\*Based on 10-level courses - materials, books, and fees may be additional

### What You'll Learn

- Manage Information technology hardware.
- Manage software.
- Support computer networks.
- Provide end user support.
- Solve information technology problems.
- Demonstrate customer service skills as an IT professional.

- Demonstrate the ability to write interactive programs using a web interface.

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## Your Potential Careers

Information Technology Network Technician

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## Get Started

Your application can be submitted online, it takes just a few minutes to complete.

[APPLY NOW](#)