CYBERSECURITY: SECURE NETWORK TECHNICIAN - CERTIFICATE

Career Pathway Certificate of Completion

Faculty Adviser

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This program teaches students how to set up basic computers and small networks. Students also learn about: PC maintenance and repair; small office and home local area network (LAN) design, implementation, and maintenance; and basic cybersecurity. This certificate prepares students for jobs in: basic computer repair; network technician; computer lab assistant; and computer help desk. Students may also sit for the CompTIA A+ and Cisco CCent certifications.

Please note: All core (CIS, ISTM) courses must be completed within 5 years of starting the program.

Program Outcomes

At the completion of this program, students should be able to:

- Perform preventative hardware and software maintenance
- Troubleshoot and correct computer hardware and software problems
- Conceptualize possible solutions for Small Office/Home Office (SOHO) networks
- Assemble, reconfigure and upgrade personal computers
- Work with others as part of a computer team

For success in this program, entering students are recommended to be proficient in basic computer skills. Students without computer experience or who want to brush up on computer skills before beginning this program are encouraged to enroll in BCS090 Computer Basics for College Success a FREE course offered through the Learning Success Center.

General education courses (such as math, writing, health, etc.) can be taken during any term, or before starting the program.

First Quarter

Fall		Credits
CIS151	Introduction to Networks	4
ISTM183A	Preparation for A+ Essentials	3
ISTM183C	Fundamentals of CyberSecurity	3
	Credits	**10**

Second Quarter

Winter		
CIS125SS	Spreadsheets ★	3
CIS152	Switching, Routing and Wireless Essentials	4
ISTM183B	Preparation for A+ Practical Application ★	3
	Credits	**10**

Third Quarter

Spring		
CIS276	SQL	4
ISTM140L	Preparation for Linux ★	4
	Credits	**8**
	Total Credits	**28**

The Secure Network Technician program is not financial aid eligible. However, the related degree program, Cybersecurity and Networking is aid eligible.