COMPUTER SYSTEM CONFIGURATION AND SUPPORT, SECURITY, CERTIFICATE OF COMPLETION

COMPUTER AND INFORMATION TECHNOLOGY

Certificate of Completion: CCL 5040N
9-19 Credits
Program Contact
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Program Description

The Certificate of Completion (CCL) in Computer System Configuration and Support, Security program is designed to prepare students for entry-level computer maintenance, help desk, and network technician jobs with an emphasis on security. The courses focus on the development of knowledge and skills in computer and security technologies including system components, installation, system configuration, peripheral devices, and notebooks. Emphasis is placed on preventing, identifying, and mitigating threats to the security of information systems and utilizing the basic tools for information security. This program helps prepare participants for the CompTIA A+, Security+, and certification exams. Students who complete this program may seek employment in a variety of environments. Students can also pursue additional Certificates of Completion (CCLs) in a variety of specializations within the information technology field to deepen their knowledge and skills and help prepare them for multiple industry certification examinations. An Associate in Applied Science (AAS) in Network and Systems Administration is also available.

Program Notes

This program is not eligible for Title IV Federal Financial Aid.

Students must earn a grade of "C" or better for all courses within the program. Overall program minimum GPA = 2.00.

Students who pursue this Certificate of Completion (CCL) should have a basic level of computer literacy including navigating the internet and computer systems or take CIS105 Survey of Computer Information Systems as indicated in the required courses. Students with the requisite skills may have the CIS105 Survey of Computer Information Systems requirement waived by permission of the Program Director.

Courses within any of the following prefixes must be taken within five (5) years prior to completion of the program to be applied toward this award: AIM, BPC, CIS, CLD, CNT, CSC, ITS, and MST.

++ indicates any suffixed course may be selected.

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			_____
Select one of the following:		0-3	_____
CIS105	Survey of Computer Information Systems		_____
Permission of Program Director			_____
BPC170	A+ Exam Prep: Computer Hardware Configuration and Support	3	_____
BPC270	A+ Exam Prep: Operating System Configuration and Support	3	_____
Specializations			_____
Select from one of the following areas of specialization:		3-10	_____
Specialization I (3-6 Credits)			_____
Select one of the following:			_____
CIS270	Essentials of Network and Information Security		_____
or ITS110 & CIS126DL	Information Security Fundamentals and Linux Operating System		_____
or CIS126RH	Red Hat System Administration I		_____
Specialization 2 (9-10 Credits)			_____
CNT140AB	Introduction to Networks		_____
or CIS190	Introduction to Networking		_____
CIS250	Management of Information Systems		_____
CIS271DB	Information Security Essentials		_____
Total Credits		**9-19**	_____