

SKILLS CERTIFICATE, CYBERSECURITY

- Describe and apply cyber defense methods to prepare a system to repel attacks.

Program Description

This certificate is designed to provide the knowledge and skills recommended by the National Security Agency for 2 year college programs. It provides foundational cybersecurity skills and preparation for professional certifications, such as Security +, that are recognized by the Department of Defense.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Recommended Course Schedule

1st semester		Units
CIT 112	Network +	3
CIT 114	IT Essentials	4
CS 151	Introduction to Cybersecurity	3
Semester Total		10
2nd semester		Units
CIT 130	Beginning Java	3
CIT 173	Introduction to Linux	3
CS 252	Digital Forensics Fundamentals	3
Semester Total		9
Total Units		19

Skills Certificates provide training for entry level positions or career advancement and are designed to prepare students to take state, national and/or industry-recognized certifications or licensing exams. Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester (Student are unable to declare intent to complete a skills certificate.) Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0
2. Have no financial or library obligation to the college

Code	Title	Units
Certificate Requirement		
CIT 112	Network +	3
CIT 114	IT Essentials	4
CIT 130	Beginning Java	3
CIT 173	Introduction to Linux	3
CS 151	Introduction to Cybersecurity	3
CS 252	Digital Forensics Fundamentals	3
Total Units		19

Students completing the certificate will:

- List the fundamental concepts of the Information Assurance / Cyber Defense discipline and describe how they can be used to provide system security.
- Describe cyber defense tools, methods and components.