

New Program Proposal

Date Submitted: Mon, 20 Nov 2023 18:06:37 GMT

Viewing: **CERT-CSER : Cybersecurity Certificate**

Last edit: Mon, 20 Nov 2023 18:06:37 GMT

Changes proposed by: Joseph Francom (D00003177)

Proposal Action

Effective Catalog

2024-2025

Author/Contact

Name	Email	Phone
Joe Francom	joe.francom@utahtech.edu	4356527732

Type of Program

Undergraduate Certificate

Program Credit hours defined by USHE:

Institutional Certificate < 16 Credits

Major

Information Technology

Emphasis

Department

Computing

College

College of Science, Engineering & Technology

CIP Code

11.1003 - 11.1003

Catalog Program Title

Cybersecurity Certificate

Banner Program Title

CERT-Cybersecurity

Banner Program Code

CERT-CSER

Program Rationale

This certificate requires 12 credits and provides students with some very basic skills in Cybersecurity including: Linux, Networking, and Cloud topics. These skills could qualify them for some introductory roles within this field. The coursework will also lead directly to other degrees like the AS in IT and the BS in IT.

Method of Instruction

Traditional and/or Online

Will this Program have external review or accreditation?

No

Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Administer computing resources to support organizational needs, including networks and operating systems.
2. Identify and resolve security problems by analyzing systems.

The Degree Requirements field must include: Program course requirements, program description, admissions requirements, and graduation requirements for proper integration with the catalog.

Degree Requirements

Cybersecurity Certificate Requirements

12 credits

Code	Course List	Hours
	Title	
IT 1100	Introduction to Unix/Linux	3
IT 2400	Intro to Networking	3
IT 2500	Cloud Computing	3
IT 2700	Information Security	3

Completion Requirements

1. Cumulative GPA of 2.0 or higher
2. Grade C or higher in all required courses.

Graduation Plan (Degree Map)

n/a

Explain fit within University Mission, Core Themes, and Values

This certificate meets the needs of the community and university students. This provides an entry-level point for those that are interested in cybersecurity. Students can build upon this certificate and continue on towards an AS and BS degree.

Program Fees

No

Will this program affect enrollments of other UT programs or involve courses taken in different departments?

No