



CYBERSECURITY EDUCATION,
RESEARCH AND OUTREACH CENTER

LEARN ABOUT CYBERSECURITY, EARN COLLEGE CREDIT



Enroll in Tennessee Tech University's Golden Eagle Cyber Certificate Program

This three-course, online program (nine credit hours) introduces high school students to cybersecurity-related topics and is ideal for any student with a natural curiosity for STEM. A cybersecurity or computer science background is NOT required.

HOW IT WORKS:

- All courses are offered in asynchronous, online format through Tennessee Tech's learning platform — all you need is an internet-enabled computer.
- Taught by Tennessee Tech faculty members.
- Classes can be taken to fit your schedule — during the school day or in the evenings.

WHAT DOES IT COST?

- If they are eligible, students can use TSAC Dual Enrollment Grant funds.
- Each three-hour course is \$538.65 and would be fully covered by TSAC for eligible students.

HOW DOES THIS HELP ME?

- Get introduced to the field of cybersecurity from one of the best programs in the state.
- Access to college course work that will transfer to any state-funded post-secondary school in Tennessee.
- Earn up to nine (9) credit hours of undergraduate college credit.
- Receive a program completion certificate.
- Add your completed program to your resume or college applications.
- Get a head start on your Tennessee Tech undergraduate degree!

COURSES

The current program will focus on the following three courses offered by Tennessee Tech University. Additional courses will be added in later semesters.

Principles of Computing CSC 1200 | Lec. 3 | Credit 3

This course introduces the field of computer science. Topics include computing as a creative activity, abstraction, data and information, algorithms, programming, the Internet and global impacts of computing.

Introduction to Cybersecurity and Privacy CSC 2570 | Lec. 3 | Credit 3

Introduction to fundamental principles, common attacks, and defense mechanisms in the area of cybersecurity, and privacy. Students will be introduced to fundamental concepts and building blocks of computers with cyber defense elements including security objectives, attack types, adversary models, policies and models, threat modeling along with anonymity, cyber security ethics and legal issues. This is an introduction-level course for students interested in cybersecurity.

Introduction to Sociology - cyber section SOC 1010 | Lec. 3 | Credit 3

Fundamental concepts and basic principles underlying human social relations including a review of cybersecurity implications. This course is open to any major and will count towards general education credit.

JOIN THE PROGRAM NOW!

For complete information about the Golden Eagle Cyber Certificate program and TSAC dual enrollment eligibility requirements, as well as links to the TSAC dual enrollment grant programs, visit our website at: tntech.edu/ceroc/education/gecc/

ASK YOUR GUIDANCE COUNSELOR ABOUT OUR PROGRAM!



Contact Us

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