Overview

The continual evolution of technology means that cybersecurity professionals must be able to analyze and evaluate new technologies in information security such as wireless, mobile, and internet technologies. Students review the adoption process which prepares an organization for the risks and challenges of implementing new technologies. This course focuses on comparison of evolving technologies to address the security requirements of an organization. Students learn underlying principles critical to the operation of secure networks and adoption of new technologies.

Competencies

- **Cellular and Mobile Technologies**
  The graduate determines how to address vulnerabilities and threats in cellular and mobile network technologies.

- **Wireless Technologies**
  The graduate determines how to address vulnerabilities and threats in wireless architectures.

- **Mapping and Monitoring**
  The graduate executes network mapping and monitoring procedures using industry-standard software for identifying vulnerabilities and threats.

Learning

**Getting Started**

Welcome to Emerging Technologies in Cybersecurity! This uCertify course includes text, videos, interactive labs, and demos. Enable "bit-size learning" in uCertify to divide your material into short segments that can be completed in a single learning session, and complete 15-20 learning bits each week. Your competence will be demonstrated with one performance assessment. Before beginning this course, the IT College recommends that you complete the Fundamentals of Information Security course and Security+ certification.
Assessments

Performance Assessment: Emerging Technologies in Cybersecurity

Status: Not Attempted
Code: GRP1

Course Information

The Writing Center
WGU Library
Accessibility Policy
Student Success Center

Course Instructor Group

bscsia@wgu.edu