THE UNIVERSITY of MISSISSIPPI

Csci 427: Fundamentals of Computer Security
Computer & Information Science
This course explores the concepts and methods of computer security and the appropriate tools to identify and remedy vulnerabilities across leading network and systems platforms. It emphasizes both offensive and defensive analysis tools, including scanners, sniffers, intrusion detection systems, access control lists, and firewalls. It stresses adherence to professional guidelines for ethical hacking and security.
3 Credits

Prerequisites

- Csci 325: Foundations of Computer Security (Minimum grade: C-)
- Pre-Requisite: 24 Earned Hours
- Csci 211 or Csci 223

Cross-listed Courses

- CIS 427: Network Security

Instruction Type(s)

- Lecture: Lecture for Csci 427

Subject Areas

- Computer Science