

CSC 429: Computer Security

- Credit hours (Lectures, Lab, Tutorial): **3** (3 + 0 +1).
- Prerequisites: CSC 329.

Course content: Security principles, models, and attacks. Cryptography, public-key and secret-key cryptography. Authentication and digital signatures. Key management and cryptographic protocols. Building secure systems. Security in operating Systems. Security in computer networks. Management and analysis of security. Computer security policy. Intrusion detection and incident response.