

# CSC 8450: Digital Forensics

Digital forensics plays a vital role in cybersecurity, criminal/civil investigations and internal corporate investigations. This course provides an in-depth study of digital evidence preservation, digital forensic techniques and data analysis. Password cracking, encryption/decryption, volatile data extraction and network forensics are just some of the forensic techniques that will be covered. The course will also cover the use of advanced forensic tools, legal and ethical issues related to forensics, and security management techniques required for resiliency in today's digital workplace.

**Credits:** 3.0

**Program:** [Computing Sciences](#)