



## CIT 255: Digital Forensics

This course focuses on the areas of computer and digital forensic analysis. Topics include data acquisition, computer forensics analysis, recovering image files, network forensics, mobile devices, and email investigations, as well as the boot process and file system of Windows, Linux, and Macintosh computer systems. Pre-requisite(s): CIS 134 and CIT 155. Three hours of lecture and two hours of laboratory per week. Gen. Ed. Competencies Met: Information Literacy.

### Course Student Learning Outcomes

1. Determine the need for conducting forensics analysis of computers, mobile devices, and/or networking equipment.
2. Explain the detailed steps to acquire, preserve, and analyze forensic data.
3. Describe the methodologies for identifying and acquiring assets to be analyzed.
4. Employ forensic tools and techniques at the scene of an investigation.
5. Apply tools and techniques to extract data from evidence during an investigation.

**Credits:** 4

**Program:** Computer Information Technology