

CSIS 3757 - Computer Forensics

Fall 2026 Syllabus, Section A01, CRN 43587,

Credit hours: 3

Instructor

Robert Gilliland, PhD

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Public Instructor Information

Instructor Title: Assistant Professor

Instructor Professional Qualifications: PhD in, Northcentral University, 2021

Instructor Office Location: Meshel Hall Room 318

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Course Description

3757. Computer Forensics. Professional computer forensics, including methods and investigative techniques for the discovery and recovery of digital images and information at all levels, from PCs to large information systems. Chain of evidence and investigative techniques for cybercrime detection.

Prereq.: CSIS 3755. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Computer Forensics and Investigations, 7th Edition	Nelson, B., Phillips, A., Steuart, C., Wilson, R., S	8220147703080

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
10/19	Ch. 1 Ch. 2	Understanding the Digital Forensics Profession and Investigations Report Writing and Testimony for Digital Investigations	
10/26	Ch. 3 Ch. 4	The Investigator's Laboratory and Digital Forensics Tools Data Acquisition	
11/2	Ch. 5 Ch. 6	Processing Crime and Incident Scenes Working with Microsoft File Systems and the Windows Registry	
11/9	Ch. 7 Ch. 8	Linux and Macintosh File Systems Media Files and Digital Forensics	
11/16	Ch. 9 Ch. 10	Virtual Machine Forensics and Live Acquisitions Forensics Network Forensics	
11/23	Ch. 11 Ch. 12	Cloud Forensics and the Internet of Anything Mobile Device Forensics	

11/30	Ch. 13 Ch. 15	Email and Social Media Investigations Ethics and Professional Responsibilities Final Project Due in Blackboard by 12/06/2026
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The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.