



Enterprise Forensics
COT 420 [all sections]
Southwestern College Professional Studies

COURSE SYLLABUS

I. Course Catalog Description

This course surveys the essentials of computer forensics methodology to manage civil, criminal, and administrative investigations. Learners will examine how computer forensics combines elements of computer science and law to collect data from various computer systems. Learners study tools and techniques of obtaining and analyzing digital evidence in legal cases in order to help prepare them to use those tools and techniques to investigate complex digital forensics cases.

II. Required and Supplementary Instructional Materials

Nelson, B., Phillips, A., and Steuart, C. (2016). *Guide to computer forensics and investigations: Processing digital evidence* (5th ed.). Boston, MA: Cengage Learning.
ISBN-13: 978-1-305-17608-9

III. Learning Outcomes

Learning outcomes describe the knowledge, skills, values, and attitudes that learners gain as the result of a particular learning experience. Southwestern College Professional Studies has learning outcomes specific to each program of study that are in line with the institutional outcomes of critical thinking, ethical reasoning, leadership, communication, and career preparation. Course outcomes support program outcomes and are listed below.

Upon successfully completing this course, the learner will be able to:

1. Explain the role and significance of computer forensics in today's world.
2. Describe the need for professionalism and ethics in computer and legal investigations.
3. Describe the typical steps in the forensic investigation of computer systems and crime scenes.
4. Analyze computer evidence stored in various file formats.
5. Differentiate among forensic analysis approaches based upon operating systems.
6. Perform effective digital investigation using appropriate tools and techniques.
7. Prepare appropriate evidentiary reports based upon forensic examination.

At the end of the course, learners may vary in their ability to achieve these outcomes. You are more likely to achieve these outcomes only if you attend class and/or online activities as required by the syllabus, complete the requirements for all assignments to the best of your ability, participate actively in class activities and group work as directed, and study diligently for exams.

IV. Course Policies

Students are expected to read and abide by the course policies found in the instructor-specific syllabus located in the Blackboard course.

V. Course Requirements:

Requirements	Number of Assignments	Points Possible	Percent of Grade
Discussions	6	300	30
Papers	6	600	60
Hands-on Project	1	100	10
Total Points		1000	100

VI. Course at a Glance:

Unit	Reading & Preparation Activities	Graded Work Due
1	<ul style="list-style-type: none"> • Introductions • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 1 and 2 • Review PowerPoint slides for Chapters 1 and 2 	<ul style="list-style-type: none"> • Unit 1 Discussion • Unit 2 Paper
2	<ul style="list-style-type: none"> • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 3 and 4 • Review PowerPoint slides for Chapters 3 and 4 	<ul style="list-style-type: none"> • Unit 2 Discussion • Unit 2 Paper •
3	<ul style="list-style-type: none"> • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 5-7 • Review PowerPoint slides for Chapters 5-7 	<ul style="list-style-type: none"> • Unit 3 Discussion • Unit 3 Paper
4	<ul style="list-style-type: none"> • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 8-10 • Review PowerPoint slides for Chapters 8-10 	<ul style="list-style-type: none"> • Unit 4 Discussion • Unit 4 Hands-on Project • Unit 4 Paper
5	<ul style="list-style-type: none"> • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 11-13 • Review PowerPoint slides for Chapters 11-13 	<ul style="list-style-type: none"> • Unit 5 Discussion • Unit 5 Paper •
6	<ul style="list-style-type: none"> • Read <i>Guide to Computer Forensics and Investigations</i>, Chapters 14-16 • Review PowerPoint slides for Chapters 14-16 	<ul style="list-style-type: none"> • Unit 5 Discussion • Unit 5 Paper •

VII. Other Policies and Requirements

Follow this link to the Southwestern College Professional Studies [Standard Syllabus](#) in Blackboard. You may be required to log in.