

Course Syllabus

NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

Department : Computer Sciences
Course Title : Introduction to Digital Forensics
Section Name : ITDF_1300_wb
Start Date : 08/22/2011
End Date : 12/09/2011
Modality : Web
Credits : 3

Instructor Information

Name : Jon Calder
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Course Description

A study of the application of digital forensic science and technology to collect, analyze, document, and present information while maintaining a documented chain of custody. Overview of ethics, white collar crime, and other legal guidelines/regulations/laws. Includes overview of tools used for forensic analysis of digital devices in investigations.

Prerequisites/Corequisites

BCIS1405 or ITSC1401

Scans

1,2, 5, 6, 8, 9

Course Objectives

After completing this course, the student should be able to demonstrate competency in:

Identify crimes committed using digital devices; define the role of the digital forensics technician in investigating crimes or incidents; identify the tools used to collect and analyze information stored on digital devices; and outline the procedures to develop and maintain a chain of custody; describe proper handling of evidence obtained during investigation for civil or criminal proceedings; and define the role of ethics in digital forensics investigation and the impact of white collar crime on organizations.

COURSE REQUIREMENTS:

ALL STUDENTS ARE EXPECTED TO:

1. Take all exams and complete all homework.
2. Complete all lab projects.

WEIGHT OF COURSE REQUIREMENTS:

Chapter Exams	30%
Labs	15%
MidTerm	15%
Final Exam	15%
Final Project	15%
Discussion Board	10%

METHOD OF EVALUATION:

The general weighting of exams, assignments, and final exam for the Final grade in this particular course are:

Exams& Quizzes:	30%	A: 90 - 100
Discussion Board:	10%	B: 80 – 89
Labs:	15%	C: 70 - 79
MidTerm:	15%	D: 60- 69
Final Exam:	15%	F: 0 - 59
Final Project	15%	

NOTE: ALL ASSIGNMENTS FOR THE ENTIRE SEMESTER ARE POSTED ON THE CLASS WEBSITE. ALL QUIZZES AND LAB TEST DATES WILL BE ANNOUNCED ON THE CLASS WEBSITE.

ATTENDANCE POLICY

Attendance will be recorded and you will be graded once a week according to the number of days the class meets per week. If you are enrolled in a web class, your attendance grade comes from the discussion board.

COURSE REQUIRMENT DEADLINES

Credit will be given for ONLY those exams completed on exam days, and homework, and projects completed and turned in by the announced deadlines, unless **prior arrangements** have been made with and approved by the instructor. Zeros (0) will be recorded for any work for which arrangements have not been approved!!

IMPORTANT NOTE

It is the policy of this instructor to help you complete this course. If you believe that you cannot complete this class due to medical, family, financial, social, or job related problems or conflicts, you should see, call or email me to discuss your options.

ACADEMIC ETHICS:

You are expected to create, edit format and print out your own assignments, take tests on your own. **ALL WORK IS EXPECTED TO BE YOUR OWN.**

If unethical behavior is detected:

WITH YOUR FIRST OFFENSE, YOU WILL RECEIVE ZEROS FOR THE ENTIRE CHAPTER AND the LAB TEST for that chapter.

WITH YOUR SECOND OFFENSE, YOU WILL BE KICKED OUT OF THE CLASS WITH A FINAL GRADE OF "F," NO QUESTIONS ASKED.

Required Readings/Materials

TEXTBOOKS: Computer Forensics: Investigation Procedures and Response, 1st Edition

EC-Council

ISBN-10: 1435483499 ISBN-13: 9781435483491

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Course Requirements (Lectures, Assignments and Assessments)

Credit will be given for ONLY those exams completed on exam days, and homework, and projects completed and turned in by the announced deadlines, unless **prior arrangements** have been made with and approved by the instructor. Zeros (0) will be recorded for any work for which arrangements have **not** been approved!!

Week 1&2

Topic/Overview: These weeks focus on Chapter 1: Computer Forensics in Today's World

Summary of Week 1 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 1</i>	<i>Reading</i>	<i>Read Chapter1</i>	<i>see Blackboard</i>
<i>Discussion Board Week 1&2</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter Test</i>	<i>Exam</i>	<i>BlackBoard Exam</i>	<i>see Blackboard</i>
<i>Lab Chapter 1</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Week 3&4

Topic/Overview: These week focuses on Chapter 2: Computer Forensics Lab

Summary of Week 3&4 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 2</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 3&4 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter 2 Exam</i>	<i>Exam</i>	<i>Exam</i>	<i>see Blackboard</i>
<i>Chapter 2 Lab</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Week 5&6

Topic/Overview: These weeks focus on Chapter 3:Computer Investigation Process

Summary of Week 5&6 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 3</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 5&6 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter 3 Exam</i>	<i>Exam</i>	<i>Exam</i>	<i>see Blackboard</i>
<i>Chapter 3 Lab</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Week 7

Topic/Overview: This week focuses on the MidTerm

Summary of Week 7 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 1-3</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 7 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Review Midterm Chapters 1-3</i>	<i>Review</i>	<i>Review</i>	<i>see Blackboard</i>
<i>MidTerm</i>	<i>MidTerm</i>	<i>MidTerm</i>	<i>see Blackboard</i>

Week 8&9

Topic/Overview: These weeks focus on Chapter 4: First Responder Procedure
Summary of Weeks 8&9 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 4</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 8&9 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter 4 Exam</i>	<i>Exam</i>	<i>Exam</i>	<i>see Blackboard</i>
<i>Chapter 4 Lab</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Week 10&11

Topic/Overview: These weeks focus on Chapter 5: Incident Response

Summary of Weeks 10&11 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 5</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 10&11 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter 5 Exam</i>	<i>Exam</i>	<i>Exam</i>	<i>see Blackboard</i>
<i>Chapter 5 Lab</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Weeks 12&13

Topic/Overview: These weeks focus on Chapter 6: Investigative Reports

Summary of Week 7 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapter 6</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 12&13 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Chapter62 Exam</i>	<i>Exam</i>	<i>Exam</i>	<i>see Blackboard</i>
<i>Chapter 6 Lab</i>	<i>Lab</i>	<i>Lab</i>	<i>see Blackboard</i>

Week 14

Topic/Overview: This week focuses on the Final Exam

Summary of Week 14 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapters 3-6</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 14 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Final Exam Review</i>	<i>Review</i>	<i>Review</i>	<i>see Blackboard</i>
<i>Final Exam</i>	<i>Final</i>	<i>Final</i>	<i>see Blackboard</i>

Week 15&16

Topic/Overview: This week focuses on Excel Chapter 11

Summary of Week 9 Assignments & Activities

Item(Name)	Type	Description	Due
<i>Chapters 1-6</i>	<i>Reading</i>	<i>Read</i>	<i>see Blackboard</i>
<i>Week 15 Discussion Board</i>	<i>Discussion Board</i>	<i>Discussion Board</i>	<i>see Blackboard</i>
<i>Prep for Final Project</i>	<i>Prep</i>	<i>Prep</i>	<i>see Blackboard</i>
<i>Final Project</i>	<i>Final Project</i>	<i>Final Project</i>	<i>see Blackboard</i>

Grading Policy

Percentage %	Grade
90-100	A
80-89	B
70-79	C
60-69	D
≤ 59	F

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (Library)

The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the "[Ask a Librarian](#)" service provide additional help.

Student E-mail

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Student Portal

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Technical Support

For Blackboard username and password help and for help accessing your online course availability a student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or student's and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).