

Computer Forensics

KENT STATE UNIVERSITY

Fall2005

Professor A'isha Ajayi



Course Description

Today a complex hybridization of analog and digital, wired and wireless, transmission facilities for the global infrastructure referred to as the information superhighway.

While many marvel at the ease and speed with which we communicate almost ubiquitously around the globe, few realize the complex web of international treaties, policies and standards that hold this infrastructure in place.

This course is designed to provide the participant with a comparative overview of international IT (Information technology) policy, standards and issues. This course is exploratory in nature. Lectures, assigned and other readings will form the backdrop for this exploration.

Students are encouraged to add to the dynamics of the course by providing additional resources such as articles or Web sites of interest.

This is your course! You will get out of it what you put into it. Time management is important.

Staying in Touch:

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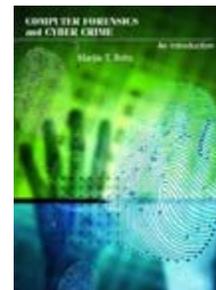
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There are no extensions for exams, assignments or other required course elements.

While attendance is not taken, it is your responsibility to get notes or other materials from your classmate should you miss classes. Good luck and enjoy the class.

Please note the instructor reserves the right to reschedule, change or alter class schedule, elements, and assignments as deemed necessary or appropriate.

Britz, Marjorie T., **Computer Forensics and Cyber Crime: An Introduction**. Pearson/Prentice Hall, 2003, 0-13-090758-8.



Course Goals

- To provide the participant with a comprehensive overview of current trends in information technology and applications.
- Enhanced business communications skills through written assignments and other course elements.
- To provide the participant with a template for analyzing IT requirements within an organization.
- Basic needs assessments techniques.
- Exposure to current trends in the use of IT (information Technology) in e-Commerce.



Course Schedule

Week 1	Cybercrime Phenomenon	Week 8	Lecture 8 - Gathering Digital Evidence
Week 2	Historical Overview- Cybercrime	Week 9	Lecture 9 - On Scene Analysis
Week 3	Evolution of Computer Crime	Week 10	Lecture 10- Data Analysis
Week 4	Computers as Targets	Week 11	Lecture 11 - Future Issues
Week 5	Prosecuting Cybercrime	Week 12	Cyber Terrorism
Week 6	The 1st. And 4th. Amendments		
Week 7	Forensic Investigations		

Important Dates

Exam 1	9/22/05	Lectures 1-4	Exam 3	11/17/05	Lectures 9-10
Exam 2	10/20/05	Lectures 5-8	Final Exam	TBA	
Presentations		Weeks 13-14			

About the Presentations:

Please note that you must demonstrate that your topic choice within the context of current business applications or environments.

The following metrics will be used to determine your grade for this element:

- Technical depth and accuracy 20%
- Communications 20%
- Organization and flow 20%
- Integration of theory and practices 20%
- Execution 20%

Exams

Four exams and a final are required as part of this course. These elements are designed to test the student's mastery of lectures, readings and theory related to the disciplines of communications and networking. The following question formats will be used on exams:

- Fill-in or short answer
- Matching
- Multiple choice
- Acronyms

Please note that the instructor will return each exam no later than 1 week from its scheduled date. The instructor will not answer any questions during the exam. No make-ups or rescheduling of the exams is permitted. A grade of 0 will be given if an exam is missed. There will be no exceptions to the aforementioned points.

A two - three page paper will be required as part of this presentation.

Students are responsible for topic selection.

Required Elements:

- Headings, titles, etc.
- Introduction and conclusion
 - Page numbers
- MLA or other standard citations
 - Table of contents
 - List of acronyms
 - Bibliography

From the Instructor

Computer Forensics can be a difficult subject to master in a single semester or session. Reading assigned materials prior to lectures will help increase your mastery of associated theory and practices.

Here are a few of my favorite places to help you with this material.

www.techguide.com

www.whatis.com

<http://www.prenhall.com/volonino>

Evaluation Criteria

Exam 1	15%
Exam 2	15%
Exam 3	15%
Presentations	25%
Final	30%
Total	100%

Please note:

The instructor will not discuss grades prior to returning assignments, via email or phone.

A+	98-100
A	94-97
A-	90-93
B+	86-89
B	82-85
B-	78-81
C+	74-77
C	70-73
C-	66-69
D+	62-65
D	58-61
D-	54-57
F	59 and lower



Enrollment and Registration

Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule (using Web for Students) during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule, you have until Friday, September 11, 2005 to correct the error with your advising office. If registration errors are not corrected by this date and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you **will not** receive a grade at the conclusion of the semester for any class in which you are not properly registered.



Students with Disabilities

University policy 3342-3-18 requires that students with disabilities be provided reasonable accommodations to ensure their equal access equal access course content. If you have documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through the Student Disability Services (contact 330-672-3391 or visit www.kent.edu/sds for more information on registration procedures).

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Ethics and Academic Honesty

You are encouraged to work together and help one another learn the material, but all submissions must be your own unique work (or those of your team for team projects). Cheating, plagiarism, copying and other behavior that is contrary to University standards will not be tolerated.

Any students found guilty of such offenses will be given a grade of "F" as a final grade. Additional penalties may be imposed; these will be determined on a case-by-case basis. Any student aiding another student will be considered to be an accessory and will be subject to the same penalties.

