FALL 2006

COMPUTER FORENSICS

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

Class BAD 60095 - 001

Call #10528

Location - BSA 205

Duration - TH 6:15 - 8:55 PM

Email - amajayi@kent.edu

Phone - (330) 672-1151
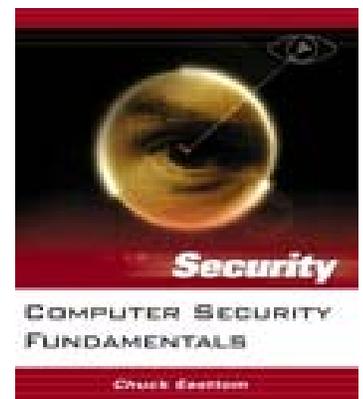
Office hours - M, W 3:30 PM - 5:30 PM

Other times by appointment

REQUIRED TEXT

Computer Security Fundamentals

Chuck Easttom

Publisher: Prentice Hall
Copyright: 2006

ISBN-10:   0131711296

COURSE GOALS

- Provide the participant with a comparative overview of international IT policy and issues

- An extensive overview of intellectual property and copyright law in the cyber world

- Exploration of issues such as privacy, liability and crime within the context of the larger global cyber environment

- Enhanced business communications skills

REGISTRATION AND SPECIAL NEEDS

Students attending the course who do not have the proper prerequisite risk being deregistered from the class.

Students have responsibility to ensure they are properly enrolled in classes. Should you find an error in your class schedule, you have until Sunday, September 10, 2006 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

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 Access Services (contact 330-672-3391

PLEASE NOTE

Please note that the instructor reserves the right to alter any or all elements of the course as deemed necessary. The following expectations are in effect for the duration of this course.

- Students will undertake this course with levels of seriousness and commitment equal to my own; i.e., that each of us will approach the readings and related assignments professionally.

- All of us will come to class prepared to question each other (including me) in receptive and respectful ways.

- Students will take pride in their ability to reflect upon, analyze, formulate, and represent their ideas, beliefs and positions in ways which exemplify their best work.

- Students will attend all classes as active participants. Students will need to arrange to obtain lectures or handouts from the instructor during office hours; not by email or phone.

- Each student is asked to assess their respective personal and professional circumstances and honestly determine if they can commit the time necessary to complete the course.

- No late assignments are accepted for any reason. A grade of zero will be posted.

- No exams will be rescheduled.

- Business or personal travel are not acceptable reasons for absences or rescheduling class elements or assignments.

COURSE SCHEDULE

Week	Lecture Topic	Reading - Text
1	Introduction to Cyber Crime and Security	1
2	Networks and the Internet	2
3	Assessing a Target System	3
4	Denial of Service Attacks	4
5*	Malware	5
6	Basics of Assessing and Securing a System	6
7	Encryption	7
8	Internet Fraud and Cyber Crime	8
9*	Industrial Espionage in Cyber Space	9
10*	Cyber Terrorism and Information Warfare	10
11	Cyber Detectives	11
12	Computer Security Hardware and Software	12
13*	Presentations	
14	Presentations	
15	Class wrap up	

COURSE ASSIGNMENTS

Exam 1	10/5/06	Chapters 1-4	Associated lectures
Exam 2	10/26/06	Chapters 5-8	Associated lectures
Exam 3	11/16/06	Chapters 9-12	Associated lectures

All exams are due at the start of class; no emailed or dropped off copies accepted. Grade of 0 will be given.

Presentations   TBA

Final Exam   TBA during the week of final exams

ABOUT THE PAPER

A ten (10) page paper will be required as part of this course. The 10 pages are counted from introduction to conclusions.

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
- List of figures

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

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

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

EXAMS

Three take home exams and a final will serve as the testing component for the course. Each of the three take home exams will be distributed one wee prior to the due date in class. The exams will ask you to respond to a series of questions related to course readings and lectures.

Each exam will be accompanied by instructions for format and other required elements. The instructor will not discuss the exam with students at any time. Student may share resources for answering exam questions using Vista.

FROM THE INSTRUCTOR

Vista

A site has been created on Vista for this course. Periodically articles, the course outline and other materials will be posted there. You also use this platform to share information with other members of the class. To access Vista: http://vista.kent.edu

Via Flashline http://flashline.kent.edu (click on the my courses tab of your account and select vista from the left margin.

Textbook Web site

EVALUATION CRITERIA

Points	Grade	Meaning of the grade
97-100	A	Clear articulation of concepts, issues and application skills. Possesses high level content knowledge and ability to apply it to the field.
92-96	A-	
87-91	B+	Needs improvement in content knowledge and articulation. Sound knowledge of concepts.
82-86	B	
77-81	B-	
72-76	C+	Lack of articulation of concepts, content knowledge or ability to apply them to the field.
67-71	C	
62-66	C-	
57-61	D+	
52-56	D	
55-BELOW	F	No recommendation for student's continuation in the program.

How am I graded?	
Element	**Percentage of total grade**
Exams	35%
Presentation	30%
Final Exam	35%
Total	100%

Kent State University's new plus and minus grading and official language effective as of fall 2005.	
A (4.0)	Denotes excellent scholarship
A (3.7)	
B+ (3.3)	Denotes good performance
B (3.0)	
B- (2.7)	
C+ (2.3)	Denotes average performance
C (2.0)	
C- (1.7)	
D+ (1.3)	Denotes poor (unsatisfactory but passing) performance
D (1.0)	
F (0)	Denotes failure

ACADEMIC DISHONESTY

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.

KENT STATE UNIVERSITY

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