
SPRING 2013 SYLLABUS

TERM: Spring 2013

COURSE: CPSC 3600 Section 000

TITLE: Principles of Information Security

Schedule: Monday, Wednesday, Friday 9 – 9:50

Faculty: Kathy Winters, 425-4378, 314D EMCS, Office Hours: M-F 11-12, Monday 1-5, Wednesday 1-4, Tuesday and Thursday by appointment, Kathy-Winters@utc.edu

Attention: If you are a student with a disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) and think that you might need special assistance or a special accommodation in this class or any other class, call the Office for Students with Disabilities at 425-4006, come by the office - 102 Frist Hall or see <http://www.utc.edu/OSD/>.

If you find that personal problems, career indecision, study and time management difficulties, etc. are adversely affecting your successful progress at UTC, please contact the Counseling and Career Planning Center at 425-4438 or <http://www.utc.edu/Administration/CounselingAndCareerPlanning/>.

TEXTS:

Principles of Information Security 3rd Edition, Whitman and Mattord, Thompson – Course Technology, ISBN: 970-1-4-2390177-0

Please check this link from the UTC InfoSec center for additional resources for your course work and paper:
<http://www.utc.edu/center-information-security-assurance/resources.php>.

COURSE DESCRIPTION:

This course focuses on information security, integrity and privacy techniques. Topics include the nature and challenges of computer security, the relationship between policy and security, the role and application of cryptography, the mechanisms used to implement policies, the methodologies and technologies for assurance and vulnerability analysis and intrusion detection. Prerequisite: CPSC 1100 with a minimum grade of C or department head approval. Supplementary course fee assessed.

COURSE OBJECTIVES:

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| <ul style="list-style-type: none">• Make a presentation that is well organized with a clear purpose and organization• Make a presentation whose delivery is effective and professional.• Write a paper that is well organized with a stated purpose and clear organization of ideas.• Write a paper with content that is detailed and accurate and follows standard English usage.• Write a paper with references that are correctly used and cited in a standard formatting style.• Write a paper that demonstrates original thought. |
| <ul style="list-style-type: none">• Ability to know most basic information security services• Ability to know most basic information security standards• Ability to know most sources of security threats• Ability to manage information and system security• Ability to know the most frequent sources of system security• Ability to assess system vulnerabilities• Ability to understand the changing cryptographic systems scene• Ability to know major cyber crimes |

GRADING POLICY: GRADES WILL BE DETERMINED BY THE FOLLOWING.

- Attendance 10%
 - Assignments 20%
 - In class Discussions 10%
 - Two essays 20%
 - Law Paper
 - Security Plan
 - Presentation of Law Paper 05%
 - Mid-term examination – covering text material and content of class discussions 15%
 - Final comprehensive examination – covering text material and content of class discussions 20%
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LETTER GRADES WILL BE ASSIGNED AS FOLLOWS:

- A= 90-100%
 - B=80-89%
 - C=70-79%
 - D= 60-69%
 - F=below 60%
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BEHAVIOR POLICY:

Disruptive behavior in the classroom will not be tolerated. Cell phones will not be tolerated. You must turn them off prior to coming to class. For each 3 uses of your cell phone in class, I will deduct 1 point from your attendance grade. The use of your cell phone during an exam will result in a zero for that exam.

COURSE WEBSITE AND COMMUNICATION:

We will be using the Blackboard system. You may access lecture notes, labs, on-line discussions and your grades through this system. I will also use the blackboard system to communicate with you via email. Therefore, it is imperative that your UTC email address is current. If you do not read your UTC email, please have it go to the address you do read. Failure to read an email will not relieve you of the responsibility of knowing the information. By default, the Blackboard system is setup to use your UTC email account.

ATTENDANCE:

Attendance is Mandatory. This class is designed to be participative and interactive. This expectation cannot be met if you are not in class. Absences cannot be made up.

COMMUNICATIONS:

I will communicate with you through your UTC email and UTC Online. Do not expect me to communicate through alternative email accounts.

IMPORTANT DATES FOR SPRING 2013:

Class begins	January 7, 2013
Deadline for submission of degree application for August 2013	January 15, 2013
Last Day to Withdraw without a W	January 20, 2013
Martin Luther King - Day Off	January 21, 2013
Midterm grade notifications	February 18-22, 2013
Last day to Withdraw	March 10, 2013
Spring Break	March 11-17, 2013
Spring Holiday	March 29, 2013
Last Day of Classes	April 19, 2013
Final Exam	April 24, 2013, 11-1

This syllabus is subject to change with notification on blackboard, email, or other written notification.

I have read, understand and agree to abide by the terms of the CPSC 3600 syllabus.
