Course Syllabus

✎ **Edit**

SYLLABUS INFO 5737-Fall 2022

Information Security

Teacher: Tyson McMillan, Ph.D.

Adjunct Faculty, College of Information Doctoral Alumni

Department of Information Science

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The instructor checks emails often. Feel free to email anytime you may have questions.

Americans with Disabilities Act Compliance Statement

Anyone with a disability that will require accommodation under the terms of federal regulations must present a written accommodation request to the instructor within eleven days after the first class session. Copies of the School's ADA Compliance Policy, ADA Policy on Auxiliary Aids and Reasonable Accommodation, and ADA Grievance Procedures are available through the main office of the School of Library and Information Sciences (ISB 205; telephone 940-565-2445). It is also recommended that you register with the Office of Disability Accommodation (University Union 318A, telephone 940-565-4323).

Course Description

Required Text:

Whitman Principles of Information Security 7e Mindtap

Welcome to the class and thank you for giving me the great honor of teaching you!

Navigation within Lessons (Units):
Use the course menu on the left side of the screen to navigate to each component of course. Each Unit contains specific tasks, details, and assignments as you read the content from the top to the bottom.
Welcome to ITSY-1300!!!

Course Objectives

Welcome to our course on the Fundamentals of Information Security! This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. The purpose of the course is to provide the student with an overview of the field of information security and assurance. Students will be exposed to the spectrum of security activities, methods, methodologies, and procedures. Coverage will include inspection and protection of information assets, detection of and reaction to threats to information assets, and examination of pre- and post-incident procedures, technical and managerial responses, and an overview of the information security planning and staffing functions.

Specific topic coverage includes:

- Introduction to Information Security
- The Need for Security
- Legal, Ethical, and Professional Issues in Information Security
- Planning for Security
- Risk Management
- Security Technology: Access Controls, Firewalls, and VPNs
- Security Technology: Intrusion Detection and Prevention Systems and Other Security Tools
- Cryptography
- Physical Security
- Implementing Information Security
- Security and Personnel
- Information Security Maintenance

Course Overview:

There are 10 Units in this course that guide you through all required assignments. Start with **Start Here** in this Orientation Unit then proceed to Unit 1. Be sure to submit all assignments by the posted due dates.

The **Modules** link to the left is a good way to navigate the myTCC system. Complete All Assignments listed under each Lesson.

Due Dates:
Course Due Dates can best be found by clicking the "Calendar" menu item.

Participation
Be sure to also participate by completing the forum posts assigned in several lessons. Throughout the course you are required to post forum replies and to reply to fellow classmates.
In order to get full credit for your forum posts, your response should be at least 50 words in length, and focus on the subject matter at hand. Students are expected to be respectful when reply to your fellow classmates.

Keep in mind that you must also reply to at least 2 posts from fellow classmates in order to earn the respective participation points for that forum as well. Posts that do not adhere to the above criteria will receive reduced points as per the discretion of the instructor.

Assignments and Labs
Along the way there will be assignments and Labs for you to complete that are associated with each lesson. Your assignments will be reviewed you will receive feedback via
the online gradebook system. Do not hesitate to email the teacher prior to the assignment due date if you need help.

- **To prepare for the unexpected, start Assignments and Labs early.**

A Note on Books

Textbook: Michael E. Whitman, *Principles of Information Security, 7th Edition with Mindtap*. Cengage

Needed Software:

Be sure to download and install the free Office365 for TCC Students. Register with your UNT email.

Moderating Interactivity

The teacher will be monitoring discussion forum post for their substantive nature. Seek to reply to the initial question with at least a 50 word reply. Also be sure to reply to at least 2 classmate posts to get full participation credit.

Grading

Quizzes, Labs, Mindtap Quizzes, Participation Extra Credit

Point Allocations	
Activity	**Points**
Letter Grade, Number	
A	90 - 100% of 1000 pts
B	80 - 89% of 1000 pts
C	70 - 79% of 1000 pts
D	60 - 69% of 1000 pts
F	59 - 59% or below of 1000 pts

Grade Distribution	
Grade	**Points Required**
A	900 points and over
B	800 points - 899 points
C	700 points - 799 points
D	600 points - 699 points
F	0 points - 599

Assessment - Test/Quizzes

9 Unit quizzes will be given. One comprehensive final exam will be given at the end of the course.

How to take this course

Your course begins with this orientation. After completing all the activities associated with the orientation, move on to Unit 1 under **Lessons**. Each unit will present the details you need to move forward in the course. Follow the course in the order of presentation for each lesson, completing the assignment activity as directed.

Announcements Communicate Important Information

Be sure to read each announcement.

Class attendance and participation are essential to student success. Effective with the Spring 2012 term, the following attendance guidelines will apply:

Stop before you drop!

If you are a financial aid recipient, not completing this course will impact your financial aid eligibility. Before you drop this course, consult with the Student Financial Aid Services office. If your grade in this course is less than a "C", consult with the Student Financial Aid Services office regarding the impact to your financial aid eligibility.

> **STOP BEFORE YOU DROP!**
> **Students who began attending college in or after Fall 2007 are subject to the SIX DROP RULE, a Texas state law.**

Orientation Verification Activity:

- Complete the **Orientation Survey Quiz**

I look forward to an excellent class.

This syllabus is subject to change at the teacher's discretion with or without prior notice.

Course Summary:

Date	Details	Due
Sat Aug 27, 2022	🚀 **Orientation Survey Quiz** (https://unt.instructure.com/courses /77838/assignments/1489145)	due by 11pm

| Date	Details	Due
Wed Sep 7, 2022	📝 **Extra Credit Photo Post Unit 1** **(https://unt.instructure.com/courses /77838/assignments/1489163)**	due by 11pm
	📝 **Unit 1 Assignment** **(https://unt.instructure.com/courses /77838/assignments/1489166)**	due by 11pm
	🗨 **Unit 1 Discussion Board** **(https://unt.instructure.com/courses /77838/assignments/1489162)**	due by 11pm
	🚀 **Unit 1 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489146)**	due by 11pm
Sat Sep 10, 2022	📝 **Unit 2 Assignment** **(https://unt.instructure.com/courses /77838/assignments/1489167)**	due by 11pm
	🗨 **Unit 2 Discussion Board** **(https://unt.instructure.com/courses /77838/assignments/1489161)**	due by 11pm
	🚀 **Unit 2 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489149)**	due by 11pm
Wed Sep 14, 2022	📝 **Unit 3 Assignment** **(https://unt.instructure.com/courses /77838/assignments/1489168)**	due by 11pm
	🗨 **Unit 3 Discussion Board** **(https://unt.instructure.com/courses /77838/assignments/1489160)**	due by 11pm
	🚀 **Unit 3 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489151)**	due by 11pm
Sat Sep 17, 2022	📅 **Required In Person meeting - INFO 5737-Information and Cyber security - UNT - Dr. T McMillan 1**	9am to 4pm

Date	Details	Due
	(https://unt.instructure.com/calendar?event_id=573087&include_contexts=course_77838)	
	📝 **Unit 4 Assignment** (https://unt.instructure.com/courses/77838/assignments/1489169)	due by 11pm
	🗨 **Unit 4 Discussion Board** (https://unt.instructure.com/courses/77838/assignments/1489159)	due by 11pm
	🚀 **Unit 4 Quiz** (https://unt.instructure.com/courses/77838/assignments/1489152)	due by 11pm
	📝 **Unit 5 Assignment** (https://unt.instructure.com/courses/77838/assignments/1489170)	due by 11pm
Wed Sep 21, 2022	🗨 **Unit 5 Discussion Board** (https://unt.instructure.com/courses/77838/assignments/1489158)	due by 11pm
	🚀 **Unit 5 Quiz** (https://unt.instructure.com/courses/77838/assignments/1489147)	due by 11pm
	📝 **Unit 6 Assignment** (https://unt.instructure.com/courses/77838/assignments/1489171)	due by 11pm
Sat Sep 24, 2022	🗨 **Unit 6 Discussion Forum** (https://unt.instructure.com/courses/77838/assignments/1489157)	due by 11pm
	🚀 **Unit 6 Quiz** (https://unt.instructure.com/courses/77838/assignments/1489148)	due by 11pm
Wed Sep 28, 2022	📝 **Unit 7 Assignment** (https://unt.instructure.com/courses/77838/assignments/1489172)	due by 11pm

Date	Details	Due
	🗫 **Unit 7 Discussion Forum** **(https://unt.instructure.com/courses /77838/assignments/1489156)**	due by 11pm
	🚀 **Unit 7 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489142)**	due by 11pm
Sat Oct 1, 2022	📝 **Unit 8 Assignment** **(https://unt.instructure.com/courses /77838/assignments/1489173)**	due by 11pm
	🗫 **Unit 8 Discussion Forum** **(https://unt.instructure.com/courses /77838/assignments/1489155)**	due by 11pm
	🚀 **Unit 8 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489143)**	due by 11pm
Wed Oct 5, 2022	📝 **Unit 9 Assignment** **(https://unt.instructure.com/courses /77838/assignments/1489174)**	due by 11pm
	🗫 **Unit 9 Discussion Board** **(https://unt.instructure.com/courses /77838/assignments/1489154)**	due by 11pm
	🚀 **Unit 9 Quiz** **(https://unt.instructure.com/courses /77838/assignments/1489144)**	due by 11pm
Sat Oct 8, 2022	🗫 **Extra Credit Reflection Forum Post** **(https://unt.instructure.com /courses/77838/assignments /1489153)**	due by 11pm
	📝 **Participation Extra Credit Assignments Extra Credit Item 15** **(https://unt.instructure.com/courses /77838/assignments/1489165)**	due by 11pm

Date	Details	Due
Wed Oct 12, 2022	🚀 **Final Exam for ITSY-1300 (https://unt.instructure.com/courses /77838/assignments/1489150)**	due by 11pm
Sat Oct 15, 2022	🗓 **Required In Person meeting - INFO 5737-Information and Cyber security - UNT - Dr. T McMillan 4 (https://unt.instructure.com /calendar?event_id=573090& include_contexts=course_77838)**	9am to 4pm
Sat Oct 29, 2022	🗓 **Required In Person meeting - INFO 5737-Information and Cyber security - UNT - Dr. T McMillan 3 (https://unt.instructure.com /calendar?event_id=573089& include_contexts=course_77838)**	9am to 4pm
Sat Nov 12, 2022	🗓 **Required In Person meeting - INFO 5737-Information and Cyber security - UNT - Dr. T McMillan 2 (https://unt.instructure.com /calendar?event_id=573088& include_contexts=course_77838)**	9am to 4pm
Sun Jan 1, 2023	🗓 **Spring Break (https://unt.instructure.com /calendar?event_id=571662& include_contexts=course_77838)**	12am
	📝 **2022SPINFO-5737-DrT_UNT (https://unt.instructure.com/courses /77838/assignments/1481934)**	
	📝 **FinalLetterGrade (https://unt.instructure.com/courses /77838/assignments/1481935)**	