

Course Syllabus

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ITSY1300: Fundamentals of Information Security

Fall 2022

Course Description:

An introduction to information security, including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures will be addressed. The importance of appropriate planning, policies, and controls is also discussed.

Student Learning Objectives:

- Outline best practices for information security goals related to confidentiality, integrity, and availability.
- Describe legal and public relations implications of security and privacy issues.
- Identify and prioritize information assets.
- Define vocabulary and terminology related to information security.
- Explain the importance of planning and administrative controls.
- Plan and respond to intruders of an information system.
- Identify procedures associated with risk management.

Text and Supplies:

Foundations of Information Security

Jason Andress

No Starch Press, Inc., 2019

ISBN-13: 978-1-7185-0004-1

USB Flash/Jump/Thumb drive (recommended size: 32-64 GB)

A computer with Internet access

Course Schedule:

A schedule of class meetings and coursework due dates is posted in CANVAS. This schedule is subject to change or alteration by the instructor as necessary to achieve the course outcomes.

Instructor Information:

Instructor information, including contact information and scheduled office hours, are posted to CANVAS in the Modules section of the course.

Course Policies:

It is each student's responsibility to become familiar with Midland College policies as detailed in the Midland College Student Handbook. Any requests for clarification of Midland College policies and their relevance to the course should be addressed to the course instructor.

Course Census: Students MUST actively participate by completing an academically related activity assigned by the instructor by the official course census date. Students who do not complete the census activity by the course census date will be reported as never attended and dropped from the course.

Students with Disabilities: Midland College provides services for students with disabilities through Student Services. To receive accommodations, students must visit www.midland.edu/accommodation (Links to an external site.) and complete the Application for Accommodation Services located under the Apply for Accommodations tab. Services or accommodations are not automatic; each student must apply and be approved to receive them. All documentation submitted will be reviewed, and a "Notice of Accommodations" letter will be sent to instructors outlining any reasonable accommodations.

Academic Dishonesty: The coursework submitted for this course must be original work prepared by the student enrolled in this course. As defined in the Midland College handbook, cheating, plagiarism, and other forms of academic dishonesty can result in appropriate disciplinary action.

Class Policies:

This course will be fast-paced. Therefore, students must keep up with the schedule by studying outside of class and completing all assignments on time.

Participation: Active class participation in class discussions and activities is essential to complete this course. Effective preparation for the class includes reading course materials and completing assigned coursework outside of scheduled class

meetings. Students who would like additional help preparing for class meetings should contact the instructor for assistance.

Communication: Effective communication is critical to the successful completion of this course. Questions about the course or requests for assistance with course materials should be addressed to the instructor in person, by telephone during scheduled office hours, or through CANVAS at any time. All digital correspondence between students and the instructor should be via student email or CANVAS.

Mobile/Cell Devices: Cell phones should be placed on either vibrate or silent mode and accessed in emergency cases only. Please note that the CANVAS App for mobile devices does not connect to this course in the same manner as the desktop browser link. In most cases, content and links to third-party providers (Cengage, Pearson, TestOut) may not be accessible or work properly when accessed via the mobile app. Therefore attempting to participate in this course via cell phone or mobile(tablet) platforms will not be effective and strongly discouraged.

Late Work: All graded coursework will include a due date when assigned. If coursework must be submitted later than the scheduled due date, the student should not expect to receive the maximum credit available for the assignment. Therefore, late submissions should be discussed with the instructor before the due date when possible and evaluated on a case-by-case basis.

CANVAS access: A critical component of student success is remaining connected to course activity outside of scheduled class meetings. This requires students to access the CANVAS course continually throughout the semester. Important information will be posted to the course via Announcements, assignment comments, and other feedback methods that are not accessible through the calendar and To-Do list. It is the responsibility of the student to regularly access course items to receive this information.

Student Contributions:

- Students are expected to attend class and be on time for scheduled class meetings.
- Students are expected to exhibit professional and courteous behavior during class meetings.
- Students are expected to access the course in CANVAS frequently to be informed of announcements related to the course.
- Students are expected to utilize effective time management strategies to prepare for class.
- Students are expected to participate in discussions and activities related to topics covered in the course.
- Students are expected to complete and submit all assigned coursework by the due dates listed in CANVAS.

- Students are expected to utilize all resources provided to complete coursework related to the course.

Instructor Contributions:

As an instructor, I acknowledge the importance of clear, timely communication with students. Therefore, to facilitate communication with students, I will:

- Provide my contact information and scheduled office hours in CANVAS.
- Respond to all messages within 24 hours if received Monday through Thursday and 48 hours if received Friday through Sunday.
- Notify students of any extended times I will be unavailable and provide them with alternative contact information for assistance during any time I am unavailable.

As an instructor, I anticipate that my students will complete assigned coursework to the best of their abilities. Therefore, to assist students in this area, I will:

- Provide clear information about assignment requirements in CANVAS and grading policies in the course syllabus.
- Communicate any changes to assignments or the course calendar to students as quickly as possible.

As an instructor, I understand that I must provide regular, timely feedback to students about their performance in the course. Therefore, to keep students informed about their progress, I will:

- Post grades and comments, when needed, for all graded coursework within one week of the due date.
- Maintain scheduled office hours and keep scheduled appointments to meet with students.

Grading/Evaluation:

The instructor, during the semester, will evaluate the coursework submitted by the student. It is the student's responsibility to keep track of assignment submissions and grades. Students are encouraged to meet with the instructor regularly to discuss academic progress.

Coursework will be assigned a maximum point value for each assignment and posted to CANVAS. In addition, points earned for submitted assignments will be recorded in the CANVAS grade book.

All assignments will be weighted according to the grading scheme noted below to determine a final grade. Upon the course's conclusion, the student's final grade will be converted to the appropriate semester grade and reported to the registrar's office.

Grading Scheme

Course Activity	Weight	Final Grade	Semester Grade
Quizzes	20%	100% - 90%	A
Discussions	20%	89% - 80%	B
Labs	20%	79% - 70%	C
Exams	30%	69% - 60%	D
Reading	10%	59% - 0%	F
Final Grade	100%		

Students should not stop completing class assignments and expect a grade of "I" or "W." It is the student's responsibility to contact the instructor should circumstances arise that impair or prevent the student from completing the course. The instructor will attempt to help the student complete the course. However, if the student cannot complete the course, the student must contact the Office of Student Services at Midland College and officially drop the class. Otherwise, a grade of "F" will be reported for the semester grade.

Midland College does not discriminate based on race, color, national origin, sex, disability, or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

*Tana Baker
Title IX Coordinator/Compliance Officer
3600 N. Garfield, SSC 131
Midland, Texas 79705
(432) 685-4781
tbaker@midland.edu*

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.