

ITSY 1300
Fundamentals of Information Security

Western Texas College

- I. Basic Course Information
 - A. An introduction to information security including vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed.
 - B. Any required prerequisites: None.
- II. Student Learning Outcomes
 - A. Outline best practices for the information security goals of confidentiality, integrity and availability; explain ethical practices; define vocabulary/terminology related to information security; explain the importance of planning and administrative controls; identify security threats, vulnerabilities, and countermeasures; and identify procedures for security risk management. Security assignments will be measured through rubrics.
- III. Major Course Requirements
 - A. No make-up on exams
 - B. On assignments: you have one week grace after a due date and then the assignment closes.
 - C. Proctored Mid-term and Final Exam
- IV. Information on Books and Other Course Materials
 - A. Book: *Security Awareness, 4th Ed, Ciampa: ISBN 10: 1-133-69294-X*
- V. Other Policies, Procedures and Important Dates are available in the [Catalog](#).
- VI. Course Organization and Schedule
 - A. Weekly Course Schedule

Week Number	Section/Online Work
Week 1	Introduction to Moodle. Chapter 1 – Introduction to Security
Week 2	Chapter 1 – Introduction to Security
Week 3	Chapter 2 – Personal Security
Week 4	Chapter 2 – Personal Security
Week 5	Exam: Chapter 1&2 /Lab work
Week 6	Chapter 3 – Computer Security
Week 7	Chapter 3 – Computer Security
Week 8	Chapter 4 – Internet Security
Week 9	Spring Break

Week 10	Chapter 4 – Internet Security
Week 11	Exam: Chapter 3 & 4/Lab work
Week 12	Chapter 5 – Mobile Security
Week 13	Chapter 5 – Mobile Security
Week 14	Chapter 6 – Workplace Security
Week 15	Chapter 6 – Workplace Security
Week 16	Dead Week
Week 17	Final Exam

Disclaimer: Schedule and content is subject to change at the instructor's discretion.

Class/Lab Assignments	40%
Project	20%
Open Book Exams	10%
Final Exam	30%

Last Modified: June 6, 2016