



Course Syllabus

**Fundamentals of Information Security
ITSY1300**

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 are addressed. The importance of appropriate planning, policies and controls is also discussed.

Lab Recommended

Prerequisite: None

Semester Hours Credit: 3

Lecture Lab Hours: 2/4

Prerequisite: None

Text: *TESTOUT SECURITY PRO LABSIM*

Author TESTOUT

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Course Learning Outcomes:

Upon successful completion of this course the student will:

1. Outline best practices for the information security goals of confidentiality
2. Integrity and availability
3. Explain ethical practices
4. Define vocabulary/terminology related to information security
5. Explain the importance of planning and administrative controls
6. Identify security threats, vulnerabilities, and countermeasures



7. Identify procedures for security risk management.

Evaluation Methods:

1. Tests
2. Hands-on projects
3. Written/research projects
4. Lab Work

Student Learning Outcome:

Social Responsibility: Students will utilize Social Responsibility skills by Identifying computer system security threats, vulnerabilities and countermeasures. Assessment for this SLO will be measured through a hands on exercise, based on chapter 4 of the course material. The target for this SLO is based on 90% of the class demonstrating a passing score on the exercise with a 70% or better grade.

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For more information, contact: in Alice at sdalice@coastalbend.edu ; Beeville at sdbeeville@coastalbend.edu ; Kingsville at sdkingsville@coastalbend.edu; and Pleasanton at sdpleasanton@coastalbend.edu.



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NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.