

York Technical College

Course Syllabus

Course Information

Course Prefix/Number: IST 103
Course Title: Security Awareness
Lecture Hours/Week: 1.0
Lab Hours/Week: 0.0
Credit Hours/Semester: 1.0

DL Attendance/VA Statement Textbook Information

Course Description: This course is intended to provide a basic survey of the importance of IT security awareness and data confidentiality. This security awareness-training course walks users through every aspect of Information Security in a very broad, easy to understand way and explains to them the value of securing data, both for themselves and the organization.

Course Competencies:

Upon successful completion of this course, the student should be competent to complete the following tasks:

Module 1 – Personal Security

- Define information security
- Identify attacker profiles
- Describe how attackers attack
- Identify strategies for safeguarding a system
- Define physical security
- Define data security
- Define operating system security

Module 2 – Organizational Level Security

- Describe several security policies
- Describe security related human resources procedures
- Identify several methods of creating business continuity plans

Module 3 – Network and Total Security

- Describe Internet and World Wide Web security
- Define Email security
- Identify network attacks and describe some defenses to these attacks
- Define wireless security
- Identify ways of preparing for and resisting attacks

Minimal Standards/Performance Objectives

Students must read the assigned material prior to class and complete all assignments. The instructor will discuss the concepts and demonstrate the methods as appropriate. Students must participate in independent as well as team activities. Students may exempt a module by completing both theory and performance pre-assessments, if applicable, with a score of at least 80% on each assessment. Students who do not exempt the modules through pre-assessment must complete each module, learning activities, and post-assessment. Modules must be completed in order.

Course Requirements

Attendance

The student will attend class as stated in the York Technical College Handbook's attendance policy. Online students will participate in discussions and complete all assigned activities in a timely manner as evidence of virtual class attendance.

Academic Integrity

The student is bound by the policies stated in the York Technical College Catalog and Handbook. A student violating these policies will be subject to academic discipline.

Evaluation Strategies and Grading

Grades will be based on the average of the three module assessments. The following scale will be the standard. Students must earn at least a C for the course to apply towards the Network Security certificate.

Score:	Grade:
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
<60	F

Final Grade:

Module 1 Assessment		% Module Grade	Course Grade
Theory Test	100	80%	
Homework	100	10%	
Discussions	<u>100</u>	<u>10%</u>	33.3%
Module Grade		100%	
Module 2 Assessment			
Theory Test	100	80%	
Homework	100	10%	
Discussions	<u>100</u>	<u>10%</u>	33.3%
Module Grade		100%	
Module 2 Assessment			
Theory Test	100	80%	
Homework	100	10%	
Discussions	<u>100</u>	<u>10%</u>	33.3%
Module Grade		100%	
Final Grade			100.0%

Entry Level Skills

None

Prerequisites

None

Co-Requisites

None