



SEC 110 Security Concepts

Credit Hours	Lecture Hours	Lab Hours	Prerequisite or Corequisite
3	4		none

CATALOG DESCRIPTION

This course introduces the concepts and issues related to securing information systems and the development of policies to implement information security controls. Topics include current security issues, trends, security resources, and the role of policy, people, and processes in information security. Upon completion, students should be able to identify security risks, create an information security policy, and identify processes to implement and enforce policy.

REQUIRED RESOURCES

Textbook(s)

Principles of Computer Security, Security+ and Beyond, by William Conklin.

Materials

Technology

LEARNING OBJECTIVES

- 1 Introduction to Security Trends
- 2 Operational/Organizational Security
- 3 Cryptography
- 4 Network Fundamentals
- 5 Remote Access
- 6 Security Baselines
- 7 Attacks and Malware

COURSE DELIVERY METHODS

If this course is taught as an online, hybrid, or web enhanced course; the course will require access to the PCC Blackboard learning system via the Internet. Students are expected to login to the Blackboard course **AT LEAST 3 times per week**. Students are also expected to use the PCC Campus Cruiser web mail system to correspond with the instructor and **check email at least once every 24 hours Monday – Friday**.

COURSE SPECIFIC INFORMATION

Complete syllabus with due dates, attendance policies, and other information is provided by the instructor for the course.

Last Updated July, 2007