SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
CYB 236S COMPUTER SECURITY ESSENTIALS
3 CREDIT HOURS

COURSE DESCRIPTION

Fundamentals course that provides a solid grounding in the essential elements of computer security. This course will include understanding security measures, techniques for securing systems, legal issues, basic intrusion detection, and recovery methods. Prerequisite: CIS 117S, CIS 211S, CIS 214S, and CIS 215S or equivalent. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
1	1. Examine the legal issues and laws relating to information security.	1, 3, 5, 6, 8
2	2. Explain the various methods used to violate system security.	3, 4, 5, 6, 7, 8
4	3. Compare the various techniques used to secure network, computer, and information systems.	3, 4, 5, 6, 7, 8
4	4. Compare the basics of intrusion, detection, and recovery methods.	3, 4, 5, 6, 7, 8

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE
1. Legal issues relating to the violation of systems
2. Laws regulating information security and privacy
3. Tools commonly used to disable, violate, or penetrate systems
4. Techniques used to secure networks, computers, and information
5. Methods and techniques used to detect an intrusion
6. Methods and techniques used to recover from an intrusion