

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
ADJ 157 - COMPUTER SECURITY (3 CR.)

**Course Description**

Examines security concerns with access controls, shutdown alternatives, hardware and software protection, and data encryption. Lecture 3 hours per week.

**General Course Purpose**

The purpose of this course is to provide the student with an awareness of problems associated with providing appropriate security to computer technology hardware, procedures and stored data.

**Course Prerequisites/Corequisites**

None

**Course Objectives**

Upon completion of this course, the student should be able to:

- Have learned security vulnerabilities of computer information systems
- Profile necessary safeguards needed to afford appropriate protection to hardware and the information

**Major Topics To Be Included**

- Natural and man-made hazards
- Risks/penetration/compromise
- Deterrence
- Alternate computers
- Area access control
- EDP audit
- File protection
- Identification and building security
- Physical protection of equipment at all locations
- Emergency planning
- Interface of personnel/physical and information security

**Extra Topics (Optional)**

Related topics at the discretion of the instructor.