

**FSU CURRICULUM FILE SYLLABUS**

DATE APPROVED \_\_\_\_\_ (Completed at the University Level)

COURSE PREFIX/NUMBER CIS 4364 (Suggested)

COURSE TITLE Applied Computer Security

PRE OR COREQUISITES COP 4530

REPEAT CODE 00

**LIST COURSE OBJECTIVES:**

This course address threats and vulnerabilities to information systems and provides a hands on opportunity for students to work with current technology used to counter such threats, and introduces the fundamental theories in computer security.

Objectives should be broadly stated to allow faculty differences and allow changes in mode of delivery. Enough detail should be given to distinguish from other courses in assignment of a SUS course number. Committee approvals are required for a change in objectives.

**GIVE BRIEF OUTLINE OF TOPICS TO BE COVERED (NO DATES):**

User Level Security, OS Security, Security Policies, Accreditation, Continuity of Operations, Disaster Recovery, Encryption Technology, SSH/IPSEC, Vulnerability Analysis, VA Tools, Firewalls, Web Security, Server Tools, Intrusion Detection, Organizing for Security, CERT, PKI, Kerberos, Computer and Network Forensics, Wireless Network Security, IEEE 802.11, Privacy/Anonymity

**EVALUATION CRITERIA. CHECK ONE (CHANGE IN EVALUATION CRITERIA REQUIRES THE DEPARTMENT TO SUBMIT A NEW SYLLABUS FOR THE FILE)**

EXAMS ONLY (THE NUMBER AND WEIGHT OF EACH TO BE REFLECTED ON THE STUDENT SYLLABUS)

EXAMS AND OTHER (SUCH AS LAB REPORTS OR ASSIGNMENTS, TERM PAPER OR WRITTEN PROJECT, ORAL PRESENTATION; THE WEIGHT OF EACH TO BE REFLECTED ON THE STUDENT SYLLABUS.

NO EXAMS - ONLY ASSIGNMENTS (TO BE DESCRIBED CLEARLY ON THE STUDENT SYLLABUS)

FOR APPROVAL ATTACH A SYLLABUS TO BE DISTRIBUTED TO STUDENTS. IT MUST STATE IN WRITING AN ACADEMIC HONOR CODE STATEMENT AND A STATEMENT SATISFYING ADA