FLORIDA INTERNATIONAL UNIVERSITY
UNIVERSITY CURRICULUM COMMITTEE
Proposal for a New Course

1a. SCHOOL/COLLEGE Engineering and Computing DIV./DEPT. IN WHICH TAUGHT School of Computing and Information Sciences

b. DIV./DEPT. NO. _____ DEPT. ACCOUNT NO. __202200101__
(9 digits)

2. CIS   4   XXX   3
Alpha   1st   last 3   "C"-lec-lab   Cr. Hrs.
Prefix   Digit   Digits   "L"-Lab

CIP Code
(Leave this blank)

3a. Course Title Introduction to Network Security

b. Abbreviated course Title (for computer class schedules, transcripts)

Network Security

LIMITED TO 25 Characters (including spaces)

4. Statewide Course Numbering Subject Matter Area CIS (Computer and Information Science)

5. Catalog Description/Major Topics (not to exceed 200 characters including spaces)

Topics include symmetric and public key crypto, IPSec, SSL, password management, firewalls, intrusion detection, wireless security, anonymizers, spam, phishing, malware and network attacks

6. ATTACH DETAILED SYLLABUS COURSE OUTLINE AND COURSE JUSTIFICATION ON SEPARATE PAGE(S).

7. Prerequisite(s): N/A _____

8. Corequisite(s) _____

9. Objective(s) of Course: _____

Master the concepts and principles of encryption, authentication, key exchange. Master the concept of vulnerabilities and defenses of networked systems

10. Does this course duplicate/overlap other courses at FIU? ___ No _X_ Yes
If yes, please explain: Overlaps with CIS 4363. The focus of this course is on networked systems.

11. What other closely related department(s) have been consulted about this course? _____

PROPOSAL REQUESTED BY:

Faculty Contact _____ Bogdan Carbunar _____ ____ / ____ / 20 13
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Chairperson (Dept./Div.) Mark Weiss _____ ____ / ____ / 20 13
                        (Type name)   (Signature)

Chairperson (Curr. Comm.) Nagarajan Prabakar _____ ____ / ____ / 20 13
                        (Type name)   (Signature)

College/School Dean ____ Amir Mirmiran _____ ____ / ____ / 20 13
                        (Type name)   (Signature)

APPROVED BY:

University Curriculum Committee _____ ____ / ____ / 20 13

Faculty Senate Chairperson _____ ____ / ____ / 20 13

Academic Affairs V.P. _____ ____ / ____ / 20 13

Submit one original copy of this form. Attach one hard copy and one electronic copy of the course syllabus containing: Objectives, Learning Outcomes, Major Topics and Textbooks.