

**FLORIDA INTERNATIONAL UNIVERSITY  
UNIVERSITY CURRICULUM COMMITTEE**  
*Proposal for a New Course*

**DO NOT TYPE IN THIS BOX**

Bulletin #: \_\_\_\_\_  
Academic Year: \_\_\_\_\_

- 1a. SCHOOL/COLLEGE Engineering and Computing DIV./DEPT. IN WHICH TAUGHT Electrical and Computer Engineering
- b. DIV./DEPT. NO. \_\_\_\_\_ EGENL \_\_\_\_\_ DEPT. ACCOUNT NO. 212400101  
(9 digits)
2. EEE 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 Ethical Hacking and Countermeasures
- b. Abbreviated course Title (for computer class schedules, transcripts) Ethical Hacking  
LIMITED TO 25 Characters (including spaces)
4. Statewide Course Numbering Subject Matter Area EEE
5. Catalog Description/Major Topics (not to exceed 200 characters including spaces)  
This course will give individuals an exposure to latest hacking tools and techniques to understand the anatomy of computer attacks and teach them the countermeasures to protect their valuable data.
6. ATTACH DETAILED SYLLABUS COURSE OUTLINE AND COURSE JUSTIFICATION ON SEPARATE PAGE(S).
7. Prerequisite(s): \_\_\_\_\_
8. Corequisite(s) \_\_\_\_\_
9. Objective(s) of Course: To give the individuals a hands-on exposure to the latest tools and techniques that the hackers utilize to attack computing devices in order to steal valuable and private information. By performing ethical hacking on isolated test systems, individuals learn countermeasures in terms of how to protect these computing devices and the valuable information they contain.
10. Does this course duplicate/overlap other courses at FIU?  No  Yes  
If yes, please explain: \_\_\_\_\_
11. What other closely related department(s) have been consulted about this course? \_\_\_\_\_

**PROPOSAL REQUESTED BY:**

Faculty Contact	<u>Faisal Kaleem</u>	_____ / _____ / 20____
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	(Email address)	(Phone number)
Chairperson (Dept./Div.)	<u>Shekhar Bhansali</u>	<u>9 / 4 / 20 12</u>
	(Type name)	(Signature)
Chairperson (Curr. Comm.)	<u>Nagarajan Prabhakaran</u>	_____ / _____ / 20____
	(Type name)	(Signature)
College/School Dean	<u>Amir Mirmiran</u>	_____ / _____ / 20____
	(Type name)	(Signature)

**APPROVED BY:**

University Curriculum Committee \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

Faculty Senate Chairperson \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

Academic Affairs V.P. \_\_\_\_\_ / \_\_\_\_\_ / 20\_\_\_\_

**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.**