Undergraduate Programs—NEW COURSE PROPOSAL

DEPARTMENT: CEECS

RECOMMENDED COURSE IDENTIFICATION:
PREFIX   EGN   COURSE NUMBER 1213     LAB CODE (L or C)

(TO OBTAIN A COURSE NUMBER, CONTACT RSHIMAN@FAU.EDU)

COMPLETE COURSE TITLE: SMART PHONE APPLICATIONS

CREDITS: 3

TEXTBOOK INFORMATION:
(2) Wolber, D., et al., App inventor: Create Your Own Android Apps, O’Reilly Media; 1 edition (May 10, 2011), ISBN-10: 1449397484. Students are expected to obtain one of the two books as they will work in teams.

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR X  PASS/FAIL ___  SATISFACTORY/UNSATISFACTORY ___

COURSE DESCRIPTION, NO MORE THAN THREE LINES: The course will help students develop applications for the smart phone. They will use a software emulator to develop and a real phone to demonstrate the application. The focus is on computer science and engineering aspects to develop, debug, and test, and obtain performance metrics to compare and contrast the two implementations.

PREREQUISITES WITH MINIMUM GRADE*:
Minimum GPA 3.0 and programming

COREQUISITES*:

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

*DEFAULT MINIMUM PASSING GRADE IS D. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: MS IN THE TECHNICAL FIELD

WAC/GORDON RULE COURSE

YES ___ NO X ___

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: www.fau.edu/WAC

Faculty contact, email and complete phone number:
Ravi Shankar, Shankar@fau.edu, 297-3470

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION):

_____ Written Communication  _____ Society/Human Behavior
_____ Mathematics/Quant. Reas.  _____ Global Citizenship
_____ Science/Natural World  _____ Creative Expression

Must attach the appropriate General Education Course Approval Request:
www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php

Please consult and list departments that might be affected by the new course and attach comments. NA

Approved by:
Department Chair: ____________________________ Date: 4/18/13

College Curriculum Chair: ____________________________

College Dean: ____________________________

UUPC Chair: ____________________________

Undergraduate Studies Dean: ____________________________

UPS President: ____________________________

Provost: ____________________________

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: www.fau.edu/academic-registrar/UUPCmb
3. WAC approval (attach if necessary)

4. General Ed. approval (attach if necessary)

5. Consent of affected departments (attach if necessary)

FAUnewcatUO—Revised September 2012