

FLORIDA ATLANTIC UNIVERSITY™

UUPC APPROVAL 11/6/15
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

Undergraduate Programs—NEW COURSE PROPOSAL

DEPARTMENT: CEECS

COLLEGE: ENGINEERING AND COMPUTER SCIENCE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX EGN COURSE NUMBER 1214 LAB CODE (L or C) _____

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

COMPLETE COURSE TITLE: MOBILE APPLICATIONS FOR ANDROID

EFFECTIVE DATE

(first term course will be offered)

FALL 2016

CREDITS: 3²

TEXTBOOK INFORMATION: (1) Android Studio Development Essentials by Neil Smith, 2014, CreateSpace Independent Publishing Platform; 2 edition, 978-1500613860.

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR 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 W/MINIMUM GRADE*:

COREQUISITES*:

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

PERMISSION OF INSTRUCTOR

*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 COURSE³

YES _____ NO

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

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION):⁴

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

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

Please consult and list departments that might be affected by the new course and attach comments. NA⁵

Approved by:

Department Chair: Nancy Engel
 College Curriculum Chair: Derek P.
 College Dean: Alvin M. W.
 UUPC Chair: J. H.
 Undergraduate Studies Dean: Eric E. Bratt
 UFS President: _____
 Provost: _____

Date:
11/4/2015
10/30/2015
11/4/2015
11/6/15
11/12/15

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: www.fau.edu/academic/registrar/UUPCinfo
2. Review Provost Memorandum: Definition of a Credit Hour www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf
3. WAC approval (attach if necessary)
4. Gen. Ed. approval (attach if necessary)
5. Consent of affected departments (attach if necessary)

Email this form and syllabus to mianning@fau.edu seven business days before the University Undergraduate Programs Committee meeting so that materials may be viewed on the UUPC website prior to the meeting.