# FAU

**FLORIDA ATLANTIC UNIVERSITY**

## NEW COURSE PROPOSAL
## Undergraduate Programs

**Department** CEECS

**College** COECS

*(To obtain a course number, contact erudolph@fau.edu)*

UUPC Approval _____

UFS Approval _____

SCNS Submittal _____

Confirmed _____

Banner Posted _____

Catalog _____

| **Prefix** CAP 4110 **Number** | *(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)* **Lab Code** | **Course Title** CAP 4110 – Mobile App Projects |
|---|---|---|

| **Credits** *(Review Provost Memorandum)* 3 | **Grading** *(Select One Option)* **Regular** x **Pass/Fail** **Sat/UnSat** | **Course Description** *(Syllabus must be attached; Syllabus Checklist recommended; see Guidelines)* Top-down design methodology for mobile phone based application development using Mobile Platform Operating System enabled by JavaScript. Integration of sensors, embedded boards, smart phone, cloud, and data analytics. Project focus may vary dependent on student teams. |
|---|---|---|

**Effective Date** (TERM & YEAR) **FALL 2017**

| **Prerequisites, with minimum grade*** CDA 3331C - INTRO TO MICROPROCESSORS AND/OR COP 3813 - INTRO TO INTERNET COMPUTING, WITH A C OR BETTER. | **Corequisites** **None** | **Registration Controls** (Major, College, Level) NONE |
|---|---|---|

***Default minimum passing grade is D-. Prereqs., Coreqs. & Reg. Controls are enforced for all sections of course***

| **WAC/Gordon Rule Course** **Yes** **No X** WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See WAC Guidelines. | **General Education Requirement** *(Select One Option)* Written Communication         Society/Human Behavior Math/Quantitative Reasoning    Global Citizenship Science/Natural World          Humanities General Education criteria must be indicated in the syllabus and approval attached to the proposal. See GE Guidelines. |
|---|---|

| **Min. qualifications to teach course** MS in Computer Science or Computer Engineering | **List textbook information in syllabus or here** |
|---|---|
| **Faculty Contact/Email/Phone** Shankar, shankar@fau.edu, 7-3470 | **List/Attach comments from departments affected by new course** |

**Approved by**

Department Chair _Nurgun Erdol_ 

College Curriculum Chair _____

College Dean _____

UUPC Chair _____

Undergraduate Studies Dean _____

UFS President _____

Provost _____

**Date**
11/3/2016
11/7/2116
11/8/2016

Email this form and syllabus to mjenning@fau.edu seven business days before the UUPC meeting.