

 FLORIDA ATLANTIC UNIVERSITY	NEW COURSE PROPOSAL Undergraduate Programs		UUPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department CEECs College Engineering and Computer Science <small>(To obtain a course number, contact erudolph@fau.edu)</small>		
Prefix COP Number COP 4376	<small>(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)</small> Lab Code	Course Title Python Programming	
Credits <small>(Review Provost Memorandum)</small> 3	Grading <small>(Select One Option)</small> Regular X Pass/Fail Sat/UnSat	Course Description <small>(Syllabus must be attached; Syllabus Checklist recommended; see Guidelines)</small> This class is an introduction to the Python programming language, with applications to practical problem solving involving data manipulation and analysis. The first part of the class focuses on teaching the basics of the Python language. Topics covered are data structures (lists, arrays, dictionaries, sets, comprehensions), functions, files, and object-oriented language elements. In the second part of the course students learn to apply advanced language features and methodologies in combination with third-party libraries for scientific computation to develop real-world applications.	
Effective Date <small>(TERM & YEAR)</small> Spring 2017		Prerequisites, with minimum grade* COP 3530 Data Structures and Algorithm Analysis C or better	Corequisites None Registration Controls <small>(Major, College, Level)</small> 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 <small>WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See WAC Guidelines.</small>		General Education Requirement <small>(Select One Option)</small> Written Communication Society/Human Behavior Math/Quantitative Reasoning Global Citizenship Science/Natural World Humanities <small>General Education criteria must be indicated in the syllabus and approval attached to the proposal. See GE Guidelines.</small>	
Min. qualifications to teach course MS in Computer Science or Computer Engineering		List textbook information in syllabus or here	
Faculty Contact/Email/Phone Ionut Cardei / icardei@fau.edu / 7-3401		List/Attach comments from departments affected by new course --	
Approved by Department Chair <u> <i>Erudolph</i> </u> College Curriculum Chair _____ College Dean _____ UUPC Chair _____ Undergraduate Studies Dean _____ UFS President _____ Provost _____			Date <u>10/24/2016</u> _____ _____ _____ _____ _____

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