

 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs		UUPC Approval <u>10-11-21</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Electrical Engineering and Comp Science College Engineering and Computer Science		
Current Course Prefix and Number COP 4045		Current Course Title Python Programming	
<i>Syllabus must be attached for ANY changes to current course details. See Checklist. Please consult and list departments that may be affected by the changes; attach documentation.</i>			
Change title to: Change prefix From: _____ To: _____ Change course number From: _____ To: _____ Change credits* From: _____ To: _____ Change grading From: _____ To: _____ Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*Review Provost Memorandum</small> <small>**WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See WAC Guidelines.</small> <small>***General Education criteria must be indicated in syllabus and approval attached to this form. See GE Guidelines.</small>		Change description to: Please see syllabus attached for new course description. Change prerequisites/minimum grades to: Prerequisite: COP 3530 or COP 3410 with minimum grade of "C" Change corequisites to: Change registration controls to: Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Spring 2022		Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone Hanqi Zhuang, zhuang@fau.edu, 561-297-3413			
Approved by Department Chair _____ College Curriculum Chair <u>Dan Meeroff</u> College Dean <u>Fred Bloetscher</u> UUPC Chair <u>Dan Meeroff</u> Undergraduate Studies Dean <u>Edward Pratt</u> UFS President _____ Provost _____		Date 9/23/2021 <u>10-4-21</u> <u>10-4-21</u> <u>10-11-21</u> <u>10-11-21</u> _____ _____	

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

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<i>Student learning outcomes & relationship to ABET 1-7 outcomes</i>	<p>ABET Outcomes:</p> <p>6. An ability to apply engineering/computer science theory and hardware/software development fundamentals to develop and conduct appropriate experimentation, analyze and interpret data, and use computing/engineering judgment produce engineering/computing-based solutions/conclusions</p>					
8. Course evaluation method						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Homework Assignments</td> <td style="width: 30%; text-align: center;">80%</td> <td rowspan="2" style="width: 40%; vertical-align: top;"> <ul style="list-style-type: none"> o Homework assignments will consist of programming assignments in Python. o Tests will consist of true-or-false and multiple-choice questions administered online using Canvas. </td> </tr> <tr> <td>Tests</td> <td style="text-align: center;">20%</td> </tr> </table>	Homework Assignments	80%	<ul style="list-style-type: none"> o Homework assignments will consist of programming assignments in Python. o Tests will consist of true-or-false and multiple-choice questions administered online using Canvas. 	Tests	20%	
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Tests	20%					
9. Course grading scale						
<p>Grading Scale: "A", 90-100: "A-", 85-89: "B+", 80-84: "B", 75-79: "B-", 70-74: "C+", 65-69: "C", 60-64: "C-", 55-59: "D+", 50-54: "D", 45-49: "D-", 40-44: 39 and below: "F."</p>						
10. Policy on makeup tests, late work, and incompletes						
<p><i>Makeup tests</i> are given only if there is solid evidence of a medical or otherwise serious emergency that prevented the student from participating in the exam.</p> <p>Late work is not acceptable unless the instructor previously agreed.</p> <p>Incomplete grades are against the policy of the department. Unless there is solid evidence of a medical or otherwise serious emergency situation incomplete grades will not be given.</p>						
11. Special course requirements						
TBD						
12. Classroom etiquette policy						
<p>Due to the casual communication common in the online environment, students are sometimes tempted to relax their grammar, spelling, and/or professionalism. Please remember that you are adult students and professionals—your communication should be appropriate.</p> <p>Disruptive behavior is defined in the FAU Student Code of Conduct as "... activities which interfere with the educational mission within the classroom." Students who disrupt the educational experiences of other students and/or the instructor's course objectives in a face-to-face or online course are subject to disciplinary action. Such behavior impedes students' ability to learn or an instructor's ability to teach. Disruptive behavior may include, but is not limited to non-approved use of electronic devices (including cellular telephones);</p>						

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cursing or shouting at others in such a way as to be disruptive; or, other violations of an instructor's expectations for classroom conduct.

13. Attendance policy statement

Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance.

Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

14. Disability policy statement

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

15. Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

16. Code of Academic Integrity policy statement

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see [University Regulation 4.001](#). If your college has particular policies relating to cheating and plagiarism, state so here or provide a link to the full policy—but be sure the college policy does not conflict with the University Regulation.

17. Required texts/reading

Textbook: no textbook. Instructor's notes and publicly available materials (*) will be provided.

(*) Examples:

<https://docs.python.org/3/howto/functional.html>

<https://realpython.com/python-functional-programming/>

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18. Supplementary/recommended readings
N/A
19. Course topical outline, including dates for exams/quizzes, papers, completion of reading
<ul style="list-style-type: none">● Introduction: A quick tour of Python● classes, inheritance, class hierarchies, properties, decorators, recursion● comprehensions, iterators, generators, itertools, functools● lambda expressions, closures, elements of functional programming● scientific Programming – NumPy and Basic Image Processing● web programming with Flask