	NEW COURSE PROPOSAL Graduate Programs	UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner _____ Catalog _____
FLORIDA ATLANTIC UNIVERSITY	**Department** **College** (*To obtain a course number, contact **erudolph@fau.edu***)	

Prefix **Number**	(*L = Lab Course; C = Combined Lecture/Lab; add if appropriate*) **Lab Code**	**Type of Course**	**Course Title**

Credits (*See Definition of a Credit Hour*)	**Grading** (*Select One Option*) **Regular** **Sat/UnSat**	**Course Description** (*Syllabus must be attached; see Template and Guidelines*)
Effective Date (*TERM & YEAR*)		

Prerequisites *Prerequisites, Corequisites and Registration Controls are enforced for all sections of course.*	**Academic Service Learning (ASL) course** Academic Service Learning statement must be indicated in syllabus and approval attached to this form.	
	Corequisites	**Registration Controls** (*For example, Major, College, Level*)

Minimum qualifications needed to teach course: Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field).	**List textbook information in syllabus or here**
Faculty Contact/Email/Phone	**List/Attach comments from departments affected by new course**

Approved by		*Date*	
Department Chair	*HaiKdva*		3/12/2025
College Curriculum Chair	*Francisco Presuel-Moreno*		3/13/2025
College Dean	*Raquel Assis*		3/13/2025
UGPC Chair			
UGC Chair			
Graduate College Dean			
UFS President			
Provost			

Email this form and syllabus to UGPC@fau.edu 10 days before the UGPC meeting.

COP 5048
Foundations of Programming for Non-majors

MWF 11:00 – 11:50
3 credits

Semester, Year
Prof. XXXXX YYYYY
Office: XXXXXX
Office hours: MWF 11-12
Classroom: XXXX
Telephone: 561-297-XXXX
Email: zzzzz@fau.edu

TA name	xxxxxx xxxxxxxxx
Office	xxxxxxx
Office hours	MWF xx:xx – xx:xx
Telephone	561-297-xxxx
Email	xxxxxx@fau.edu

Course Description

This course introduces concepts in computer programming for non-majors using the Python programming language. Students will learn foundational topics, including a brief history of computing and programming, data handling and data types, collections of values, decision and repetition structures, and modular and object-oriented design. Use of common third-party libraries will be covered. Students may not enroll in COP 5048 if they have already taken COP 4046.

Instructional Method

This class is designated as "In-Person w/Recorded Lecture" (section XXX) or "Videotaped Class" (section YYY). In-person class sessions will be automatically recorded and uploaded to Canvas within 24 hours. Student enrolled in section XXX may choose to attend in-person classes or view recordings, whereas students enrolled in section YYY are only able to view recordings.

Prerequisites/Corequisites

Graduate standing.

Course Objectives/Student Learning Outcomes

In this course, students will be able to:
1. Articulate fundamental concepts of computer programming.
2. Solve basic problems using computational thinking.
3. Create simple applications using Python.

Course Evaluation Method

Programming assignments (five at 12% each)	60%
Quizzes (10 at 1% each)	10%
Midterm exam	15%

Final exam	15%
Extra credit assignment	5% extra credit
Total	**100% + 5% extra credit**

Course Grading Scale

Grade	Total (%)
A	[93 – 100]
A-	[90 – 92)
B+	[87 – 89)
B	[83 – 86)
B-	[80 – 82)
C+	[77 – 79)
C	[73 – 76)
C-	[70 – 72)
D+	[67 – 69)
D	[63 – 66)
D-	[60 – 62)
F	[0 – 59)

Policy on Makeup Tests, Late Work, and Incompletes (if applicable)

Late work will not be accepted. All assignments will be posted well in advance, and students may submit assignments early. Any assignment not turned in by the due date will result in a zero.

Make-up tests are given only if there is solid evidence of a medical or otherwise serious emergency situation that prevented the student from participating in the exam.

Incomplete grades are against the policy of the department, and they will only be assigned if there is solid evidence of medical or otherwise serious emergency situation.

Policy on the Recording of Lectures

Students enrolled in this course may record video or audio of class lectures for their own personal educational use. A class lecture is defined as a formal or methodical oral presentation as part of a university course intended to present information or teach students about a particular subject. Recording class activities other than class lectures, including but not limited to student presentations (whether individually or as part of a group), class discussion (except when incidental to and incorporated within a class lecture), labs, clinical presentations such as patient history, academic exercises involving student participation, test or examination administrations, field trips, and private conversations between students in the class or between a student and the lecturer, is prohibited. Recordings may not be used as a substitute for class participation or class attendance and may not be published or shared without the written consent of the faculty member. Failure to adhere to these requirements may constitute a violation of the University's Student Code of Conduct and/or the Code of Academic Integrity.

Attendance Policy

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.

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/

Disability Policy

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/.

Code of Academic Integrity

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.

Required Texts/Readings

Tony Gaddis, *Starting Out with Python*, 2017, 4th Ed., Pearson, ISBN-13:978-0134444321

Course Topical Outline

History of computing and computer programming in Python
Structuring a computer program
Basic data types and manipulating values
Input and output, including file handling
Boolean logic
Decision statements
Iterative structures
Using and creating functions
Collections of values

Strings
Using and creating modules
Introduction to object-objected programming
Applications with common third-party libraries