



Jordan University of Science and Technology
Faculty of Computer & Information Technology
Computer Engineering Department

CPE211 Scripting Languages Lab

Second Semester 2022-2023

Course Catalog

1 Credit Hours. Programming using selected scripting languages.

Text Book

Title	Starting Out with Python
Author(s)	Tony Gaddis
Edition	2nd Edition
Short Name	1
Other Information	

Instructor

Name	Mr. Mohammed Hammouri
Office Location	C5 L2
Office Hours	
Email	hammori@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Wed : 13:30 - 16:30
Room: CPE06-M712

Section 2:
Lecture Time: Thu : 14:00 - 17:00
Room: CPE06-M712

Prerequisites		
Line Number	Course Name	Prerequisite Type
1761120	SE112 Introduction To Object- Oriented Programming	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Python Programming	Chapter 2 From 1
Week 2	Decision and Repetition Structures	Chapters 4 and 5 From 1
Week 3	Functions	Chapters 3 and 6 From 1
Week 4	Lists and Tuples	Chapter 8 From 1
Week 5	Dictionaries, Serializing Objects, and Exceptions	Chapters 7 and 10 From 1
Week 6	Classes and Object Oriented Programming	Chapter 11 From 1
Week 7	Inheritance, Composition, and Polymorphism	Chapter 12 From 1
Week 8	Advanced Topics: installing Python packages and Excel Files	
Week 9	Advanced Topics: Python Regular Expressions	
Week 10	Advanced Topics: Threads	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Learn basic commands in the scripting environment and apply it in a systematic approach. [1SO1, 1SO2]	30%	
Write scripts to automate performing different tasks that reflect system needs. [1SO4]	30%	
Write bash scripts to manipulate data files for interpretation. [1SO4, 1SO6]	40%	

Relationship to Program Student Outcomes (Out of 100%)																	
A	B	C	D	E	F	G	H	I	J	K	SO1	SO2	SO3	SO4	SO5	SO6	SO7
											15	15		50		20	

Evaluation	
Assessment Tool	Weight
Midterm exam	25%
Labworks	20%
Quizzes	15%

Final Exam	40%
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Policy	
Attendance	Excellent attendance is expected. In accordance with university regulations, students missing more than 20% of total classes are subject to failure. No excuses will be accepted. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed. Attendance will be recorded at the beginning or end of each class.
Participation	You are expected to participate in class. Participation includes asking and answering questions, raising issues, and suggesting solutions to the discussed problems.
Exams	All exams will be CLOSE-BOOK.
Makeups	Makeup exam should not be given unless there is a valid excuse. Arrangements to take an exam at a time different than the one scheduled MUST be made prior to the scheduled exam time. In accordance with university regulations, students should bring a valid excuse authenticated through valid channels in JUST.
Workload	Average work-load student should expect to spend is 6 hours/week.
Code of Conduct	Quizzes and exams need to be done individually. Copying of another student's work, even if changes are subsequently made, is inappropriate, and such work will not be accepted. Cheating or copying from neighbor on exam is an illegal and unethical activity and standard JUST policy will be applied. All graded assignments must be your own work.

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