Instructor: Ayman Hajja | E-mail: hajjaa@cofc.edu | Office: HWEA 304

Class Webpage: lms.cofc.edu

Required Text: Zelle - Python Programming, Second Edition published by Franklin, Beedle & Associates
Required Software: Python

Class Meeting Times: Section 5: MWF 11:30 a.m. – 12:20 p.m. Harbor Walk East 300
Lab Meeting Times: Section 5: W 3:30 – 6:00 p.m. Harbor Walk East 334
Office Hours: Monday, Tuesday, Wednesday, and Friday 1:00 – 3:00 p.m. — Other times by appointment.

Course Description - Prerequisite and Co-requisite:
An introduction to programming and problem solving using Python. Topics include data types, variables, assignment, control structures (selection and iteration), arrays, methods, classes and an introduction to object-oriented programming.

Pre-requisites: CSCI 120 or CSCI 180 or CSCI 210 or MATH 111 or permission of the department
Co-requisite: CSCI220L

Course Goals:

- To learn the fundamentals of procedural analysis and design.
- To learn the features of procedural programming: the major types of statements, such as assignment, repetition, and selection, and the major data types, such as integers, real numbers, character strings, and lists.
- To learn to use graphical objects.
- To learn the implementation of these features in the Python language.

Course Outcomes: Separate document

Course Policies:

- Attendance: I strongly encourage you to attend all classes. Regardless of actual attendance, you are responsible for announcements made in class, assignment due dates, etc. There will be three in-class tests and a comprehensive final exam, attendance at which is mandatory.
- How to report an absence: Students should…Go to 67 George Street (white house next to Stern Center) to discuss absences and fill out the appropriate forms. Any questions should go directly to either Constance Nelson or get forms online at: http://www.cofc.edu/studentaffairs/general_info/absence. Forms can be faxed to the College at 953-2290. Students will need documentation for health,

personal or emergency situations. Students on athletic teams or school-sponsored trips are responsible for reporting their activity to me.

- Disability Accommodation: Any student who feels that he or she may need an accommodation due to a disability should speak to me individually to discuss your specific needs. For additional help please contact the College of Charleston Center for Disability services at http://www.cofc.edu/~cds/ .
- Programs: About ten Python programs will be assigned. You may discuss the problem and how to solve it with your classmates, but you may not look at, copy, or use any code that was written by anyone other than yourself. Students are expected to abide by the Honor System of the College of Charleston and the Student Code of Conduct (www.cofc.edu/student-life/handbook/), especially sections on Cheating, Plagiarism (pp. 10-11), and Computer Use (p. 13). If I have evidence that students have shared program code or obtained solutions from other sources, their grade will be zero. Offenders may be taken before the Honor Board. Note that the Honor Board may give a grade of XF (Fail because of an honor violation) that will remain on your permanent record.
- Assignment Due Dates: Each assignment is due by the date and time that will be stated on the assignment. Assignments will be accepted only via OAKS. The lowest homework grade will be dropped. No assignments will be accepted late. Do NOT submit assignments to me for grading via email. If you have questions about your code, you may email me.
- Additional Help: Please visit my office for help with programming assignments or visit the tutor in HWE335.
- Electronics Devices: Be respectful about unnecessary distractions to you and to others seated around you.

Grade Calculation:

Test and Program Average: Tests will be averaged: Tests 1, 2 and 3, 15% each; Final Exam, 25%.

Final Grade Computation:

Weighted average of Test 1, Test 2, Test 3 and Final……
70%
Program average……
30%

Scale: A/A-: 90-100; B/B-: 80-89; C/C-: 70-79; D: 60 – 69; F: <= 59
Plus/Minus will be given at my discretion.

Important Dates:

Friday, September 16: Test 1 (tentative)
Friday, October 14: Test 2 (tentative)
Thursday, October 27: Last day to drop with grade of "W"
Friday, November 4: Test 3 (tentative)
Monday – Tuesday, November 7 – 8: Fall Break
Wednesday – Sunday, November 23 – 27: Thanksgiving Break
Monday, December 5: Last day of classes
Monday, December 12, 12:00 — 3:00pm: Final Exam (same classroom)