Computer Science 220 - Computer Programming I
Fall 2017 - Syllabus

Instructor: RoxAnn H. Stalvey ***E-mail:*** stalveyr@cofc.edu ***Office:*** HWEA 330
Class Webpage: lms.cofc.edu

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

Class Meeting Times: Sect 1: MW 1:30 - 2:40; Sect 2: TR 8:30 - 9:45; Sect 3: TR 11:20 - 12:35
Lab Meeting Times: Sect 1: T 5:00 - 7:30; Sect 2: M 2:55 - 5:25; Sect 3: M 5:35 - 8:05
Office Hours: Mondays and Wednesdays 10:00 - 11:30. Sign-up is not required but can guarantee that I will be available: https://tinyurl.com/stalveyadvising. Other appointment times available by appointment; send me an email or talk with me after class.
Graduate Teaching Assistant: Seth Stoudenmier - HWEA 311

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 department permission 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 two in-class tests and a comprehensive final exam, attendance at which is mandatory.
- **How to report an absence:** Students may…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.

- **Honor violations:** Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when suspected, are investigated. Each incident will be examined to determine the degree of deception involved.

Incidents where the instructor determines the student's actions are related more to a misunderstanding will be handled by the instructor. A written intervention designed to help prevent the student from repeating the error may be given to the student. The intervention, submitted by form and signed both by the instructor and the student, will be forwarded to the Dean of Students and placed in the student's file.
Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This status indicator will appear on the student's transcript for two years after which the student may petition for the XX to be expunged. The F is permanent.
Students should be aware that unauthorized collaboration--working together without permission-- is a form of cheating. Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.
Students can find the complete Honor Code and all related processes in the *Student Handbook* at http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php

- **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. You must have a 70% average on the assignments to pass the course with a C- or better.
- **Additional Help:** Please visit my office or the graduate assistant for help with programming assignments.
- **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 and 2, 30% each; Exam, 40%. To pass the course with a C- or better, you must have a passing average (at least 70%) on the tests (including the exam), independent of the programs. All programs will be averaged with the same weight. To pass the course with a C- or better, you must have a passing average (at least 70%) on the programs, independent of the tests.
- **Final Grade Computation:**
  If ***both test and program averages are above 70%***, the final grade will be computed:

Weighted average of Test #1, Test #2 and Final……	80%
Program average……	20%

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

Important Dates:

Wednesday, September 20; Thursday, September 21: Test 1 (tentative)
Monday, October 16 - Tuesday, October 17: Fall Break
Friday, October 20: Midterm grades due
Wednesday, October 25; Thursday, October 26: Test 2 (tentative)
Thursday, October 26: Last day to drop with grade of "W"
Wednesday, November 22 - Sunday, November 26: Thanksgiving Holiday
Saturday, December 9, 12:00 pm - 3:00 pm: Section 1 (MW 1:30 Section) Final Exam
Saturday, December 9, 8:00am – 11:00am: Section 2 (TR 8:30 Section) Final Exam
Tuesday, December 12, 8:00am – 11:00am: Section 3 (TR 11:20 Section) Final Exam