

## Computer Science 220 - Computer Programming I Fall 2018 - Syllabus

**Instructor:** Kebin Xu **E-mail:** [xuk@cofc.edu](mailto:xuk@cofc.edu) **Office:** HWEA 306  
**Class Webpage:** [lms.cofc.edu](http://lms.cofc.edu)

**Required Text:** Zelle - *Python Programming 3<sup>rd</sup> ( or 2<sup>nd</sup> ) Edition* published by Franklin, Beedle & Associates

**Required Software:** [Python 3.x](#)

**Class Meeting Times:** Section 3: TR 9:55 – 11:10. Section 4: TR 11:20 - 12:35, Section 5: TR 2:10 - 3:25

**Lab Meeting Times:** Section 3: M 2:00 - 4:30, Section 4: W 2:30 – 5:00, Section 5: W 5:10 - 7:40

**Office Hours:** Wednesday 9:00 – 12:00 – 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:** Students are permitted two absences over the course of the semester. Absences beyond two – unless they are documented by a memo from the Absence Memo Office (<http://studentaffairs.cofc.edu/about/services/absence.php>) - will result in a loss of 3 points from the final grade per extra absence. I will document absences by taking roll at the beginning of class. If a student is not present when roll is taken, he or she will be officially ‘absent’. 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.
- **Disability Accommodation:** The College will make reasonable accommodations for persons with documented disabilities. Students should apply at the Center for Disability Services / SNAP <http://disabilityservices.cofc.edu/> , located on the first floor of the Lightsey Center, Suite 104. Students approved for accommodations are responsible for notifying me, during my office hours, as soon as possible and for contacting me one week before accommodation is needed.
- **Homework :** 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** (<http://studentaffairs.cofc.edu/honor-system/studenthandbook/> ), 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.

- **Homework Due date:** Each assignment is due by the date and time that will be stated on the assignment. Assignments will be accepted only via OAKS. No assignments will be accepted late. Do NOT submit assignments to me for grading via email. If you have questions about your grading comments, you may email TA and cc to me. You must have a 70% average on the homework to pass the course with a C- or better.
- **Quizzes:** For each chapter, you need take online quiz via OAKS. You may take the quiz up to 5 times as long as the “quiz window” is open. OAKS will display all of your submissions, but will report your quiz grade for the chapter as the highest grade you earned on that chapter’s submissions. **Be sure to “finish” and “submit” the quiz in every attempt. An incomplete attempt will make your highest score zero, regardless how many complete attempts were submitted..**
- **Additional Help:** There are three resources for additional help. You can visit my office, you can meet with your lab instructor, Gabrielle Cozart (cozartge@g.cofc.edu), or you can visit the CSL (<http://csl.cofc.edu>) in the library.
- **Electronics Devices:** Be respectful about unnecessary distractions to you and to others seated around you.

**Grade Calculation:**

- **Test and Program Averages:** Tests will be averaged: Quiz average, 10%; Tests 1 and 2, 20% each; Final Exam, 30%. To pass the course with a C- or better, you must have a passing average (at least 70%) on the tests (including the final), independent of the Homework. All homework will be weighted according to difficulty and complexity. To pass the course with a C- or better, you must have a passing average (at least 70%) on the homework, independent of the tests.

- **Final Grade Computation:**

If *both test and homework averages are above 70%*, the final grade will be computed:

|  |     |
|--|-----|
| Quiz, Test #1, Test #2, and Final..... | 80% |
| Weighted homework.....                 | 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:**

- Tues. Oct 2: Test 1 (tentative)
- Weds. Oct 1 7: Midterm grades due
- Weds. Oct 24: Last day to drop with grade of “W”
- Mon. Nov. 5 – Tues. Nov. 6: Fall Break
- Mon. Nov. 12: Course-Instructor evaluation open
- Wed. Nov.21 – Sun. Nov. 25: Thanksgiving Holiday
- Thurs, Nov. 1: Test 2 (tentative)
- Mon. Dec. 3: Last day of classes
- Thursday, Dec.6, 8:00 am – 11:00 am: Section 4 (11:20 am Section) Final Exam
- Thursday, Dec.6, 4:00 pm – 7:00 pm: Section 5 (2:10 pm Section) Final Exam
- Tuesday, Dec. 11, 8:00 am – 11:00 am Section 3(9:55 am Section ) Final Exam