CSCI 220L
Computer Programming I Lab
Fall 2020 Syllabus

Lab Instructors: Hunter Ross (rossh@g.cofc.edu)
Lecture Instructor: Kebin Xu (xuk@cofc.edu)
Lab Time: Thursday 2:10-4:40 PM

Class Webpage: OAKS (lms.cofc.edu)
Required Text: *Python Programming: An Introduction to Computer Science* (2nd or 3rd edition) by John Zelle
Required Tools: Python 3, Slack, Zoom, computer with webcam support

Course Description: This course is designed to apply the concepts being covered in CSCI 220. Exercises will be assigned each week within a structured setting.

Prerequisites: CSCI 120 or CSCI 180 or CSCI 215 or MATH 105 or MATH 111 or higher math or permission of the department

Corequisite: CSCI 220

Course Goals

1. To learn the fundamentals of procedural analysis and design.
2. To learn the features of procedural programming.
3. To learn the implementation of these features in the Python language.
4. To reinforce and practice the concepts encountered in the lecture course.

How do labs work?

Labs are designed to apply the concepts being covered in the lecture. Weekly lab activities will become available on OAKS 6 days before your scheduled lab day. On your lab day, you will attend a 30 minute lab "shift" on Zoom with several other students to discuss the lab, get your work checked off by an instructor, and receive feedback. If your work is mostly complete but still has room for improvement, you may then receive an additional day to update your lab work and resubmit it to OAKS. During our weekly lab shifts, you can discuss the lab content with other students, but otherwise all work should be done *individually*.

How should I approach lab?

I highly recommend practicing the lecture content on your own when it is first introduced. If you are at least somewhat familiar with the content in advance, you can expect most labs to take less than 3 hours to complete. During the week, I will be available on Slack to answer questions and give guidance. Don't be afraid to reach out and ask for help! The lab is your opportunity to practice the material and get feedback before higher-stakes assignments like lecture homework and exams.

How do we meet?

In the first full week of class, we will hold a full class Zoom meeting during our scheduled session time. In subsequent weeks, we will divide the 2.5 hour session into 5 distinct, 30 minute "shifts." You can sign up for one shift each week using the links on OAKS. Feel free to change your shift time from week-to-week to fit your schedule. You must attend a shift every week to get credit for that week.

Zoom Information

Join Link:

https://cofc.zoom.us/j/92788484634?pwd=bVNocDNuRHMzTXBGbXEzZ2RnNncyZz09

Meeting ID: 927 8848 4634

Passcode: 303626

Note: Zoom meetings will be recorded and are available upon request from students with excused absences or documented disabilities. Recordings will not be distributed outside the class.

How am I graded?

The course consists of 13 lab assignments. There are no tests or final exam. Each lab assignment is equally weighted, so they are each worth about 8% of your final grade. For each lab, you will receive a minimum score of 30% for attending your weekly meeting. You can also receive partial credit for partial solutions, so make sure to bring everything you have to your meeting! For record-keeping purposes, you must also submit your work through OAKS to receive credit.

Important: You must complete at least 10 of the 13 labs to receive a passing grade.

What are the general course policies?

Attendance: You should use the link on OAKS to sign up for a lab shift each week. If you are not able to attend a particular week, please email me in advance.

Disability Accommodation: If you feel that you may need an accommodation due to a disability, please contact me to discuss your specific needs. For additional help, you can contact the Center for Disability Services at disabilityservices.cofc.edu.

Honor Code: You may discuss lab problems with your classmates, but you may not look at, copy, or use any code that was written by anyone other than yourself except when otherwise specified during our weekly meetings. Students are expected to abide by the Honor System of the College of Charleston and the Student Code of Conduct (deanofstudents.cofc.edu/policies-and-procedures/honor-code-and-code-of-conduct.php).

Class Suspension Plan: If classes are suspended, we will adjust our course schedule as necessary. Changes to in-person classes do not necessarily impact our schedule, but I may announce changes to best accommodate students.

Important Dates

Thursday, Sep 3: Live meetings on Zoom begin for first week of labs

Thursday, Sept 10: Shift-based lab meetings begin

Wednesday, Oct 28: Last day to withdraw with a grade of “W”

Wednesday, Nov 25 – 29: No class (Thanksgiving)

Thursday, Dec 3: Final week of labs

Wednesday, Dec 16: Final grades due