CS 125 Syllabus

Fall 2021

Course Description

An introduction to information technology, including the history of computing, text editors, word processing, spreadsheets. An introduction to programming, including basic data types, functions, decision structures, loops, one and two dimensional list structures, testing, debugging, and an introduction to computer graphics. Three hours of lecture and two hours of lab per week. Offered every fall and spring.

Corequisite

MTH-100 or higher

Course Objectives

Students successfully completing this course should:

1. Be knowledgeable about the history of computing.
2. Be able to use tools like text editors, word processors, and spreadsheets.
3. Understand data types.
4. Be able to write programs using functions, conditionals, and loops.
5. Be able to write programs with one and two dimensional arrays, lists, and dictionaries.
6. Understand the basics of two dimensional computer graphics.
7. Be able to test and debug programs.

Textbook

Practical Programming: An Introduction to Computer Science Using Python 3.6 3rd Edition by Paul Gries, Jennifer Campbell, and Jason Montojo.

Grading

Homework	35%
Three Exams	15% Each
Final Exam	20%

In order to get grade of 2.0 or higher, you must have at least a 60% average for homework and a 60% average for exams (separately).

Exams

There will be no makeups for exams. Your low exam grade will be replaced by your final exam grade (if it helps).

Attendance

Attendance is required. If you have more than 4 unexcused absences you will receive a grade of 0.

Academic Honesty

Working together on programs is not allowed. Copying of programs from any source, including classmates and the Internet, is not allowed. You are allowed to talk to classmates and others about programs, but you are not allowed to look any anyone else's code, either to give or receive help, other than the textbook or code provided by the instructor.

For a first offense, you will get a 0 on the assignment. For a second offense, your course grade will be reduced by 1.0. For a third offense you will receive 0 in the course.

Cheating on exams will result in a 0 in the course for the first offense.

All cases of dishonesty will be reported to Student Affairs and will become part of your record.

Help on Programs

If you need help, come to office hours. Make sure that you start programs early enough that you will have time to get help. Coming in for help an hour before a program is due is unlikely to be profitable. Do not expect to be able to start them the day before they are due and finish them.

You can email for help, but an in person conversation is much more likely to be helpful.

Covid-19

You are required to wear a mask properly (covering your mouth and nose) at all times in classrooms and in hallways. Eating in class is strictly forbidden. Drinking is allowed if you use a straw so that you do not have to remove your mask. If you do not follow these rules, you will be asked to leave and referred to student affairs for disciplinary action. Don't be a covidiot!