Instructor Info

Call her: Alexa (Sharp)  
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Office: King 223 E  
Office Hours: M 2-3pm W 4:30-5:30pm  
Tel: x5-8831  
R 3-4pm F 1:30-2:30pm

Overview

CSCI 150 is an introductory course in computer science, with an emphasis on problem solving using the Java programming language. We want our students to gain exposure to the topics that are the foundation of computer science, such as algorithm design, program organization, recursion and induction, object-oriented programming, and data structures. Java is the principal programming language, but this is not a course on Java. No programming experience whatsoever is expected.

Course Resources

We are using Reges and Stepp’s *Building Java Programs*, published by Addison Wesley, 2008. In addition to the textbook, we will use a website that provides practice exercises related to the topics of our textbook. You will use a web browser to register for our section of the course. Registration costs $15; instructions are on the course website.

The current schedule, readings, class code, labs, and announcements will be posted on the course website, which can be found at [www.cs.oberlin.edu/~asharp/cs150/index.html](http://www.cs.oberlin.edu/~asharp/cs150/index.html). Course events such as lectures, homework deadlines, and tests are posted on the course’s very own [google calendar](https://www.google.com/calendar); you can find this calendar by searching google’s public calendars for CS 150.

For public access to JEdit, Emacs, Vim, and Java, you may use the labs in King 135 and King 201. You’ll need to see Jackie Fortino in King 223 to get access to these labs.

Course Requirements

- **Weekly Turingscraft exercises** — expect to spend an hour per week on these.
- **Ten** labs — expect to spend up to 6 hours per week outside of class on these.
- **Ten** prelabs — expect to spend an hour on each prelab before you start the lab proper.
- **Two** in-class tests — expect some algorithmic thinking and coding questions.
- **One** final exam — expect a longer test.

**Weekly** attendance — expect to be at each lab until told otherwise.

Grades will be posted on blackboard as soon as they are known.
Labs and Prelabs | 57%
Midterms | 16%
Final Exam | 15%
Attendance, Participation, and Turingscraft | 12%

**Late Policy**

Late prelabs will not be accepted.

Late labs are strongly discouraged. You may hand up to two labs one day late.

Late Turingscraft exercises will be penalized, but obviously it’s better to do them on time.

If for some reason (such as illness) you are unable to complete a lab or take a test, please talk to me as soon as possible. I will handle these situations on a case-by-case basis.

**Tutors**

There are peer tutors available, provided by Student Academic Services. If you think you’d like such a tutor, contact Kay Knight in Peters 118 and she’ll help hook you up.

**Student Disabilities**

If you require special accommodation (such as additional time to complete exams), please speak to me during the first week of class so that I have time to make suitable arrangements. You must be registered with Office of Disability Services.

**Honor Code**

I take the honor code very seriously, and will report any violations to the Honor Code Committee.

In general, it is OK to talk with other students about the labs, but you have to be very careful about how much you collaborate. Discussing an algorithm, approach, or general form of code is acceptable. However, cooperation should never involve other students possessing a copy of all, or a portion of, your work, regardless of format. As a rule of thumb, try not to write or type anything down; you should be able to recreate your discussion without anyone’s help. Please do not hand in work done with (or by) someone else under your own name, including from previous semesters. The course staff are very skilled at finding similarities in code, so please don’t break the rules. We trust you, and hope this trust won’t be violated. If you are unsure about anything, please ask.

You must write the Honor Pledge and sign at the end of each and every submission. Electronic submissions must include the honor pledge in the comments of at least one of your files and your name. The pledge is

“I affirm that I have adhered to the Honor Code in this assignment.”

Please go to the course website to view in full how the honor code is interpreted for this course.