

Syllabus

CSE373: Data Structures and Algorithms for Nonmajors

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Office hours	Tuesdays 11:30-1:30 or by appointment

1 Textbook

Weiss, *Data Structures and Algorithm Analysis in Java*, 2nd ed.

2 Course Overview

Fundamental algorithms and data structures. Theoretical analysis, implementation, and application. Java Collections Framework. Lists, iterators, stacks, queues, heaps, hash maps, balanced trees, sets, graphs. Searching and sorting. Prerequisite: CSE143

3 Course Webpage

The course webpage will be continually updated over the course of the quarter, with information on assignments, handouts, etc. It includes links to the course messageboard and announcement archive as well as other useful information.
<http://www.cs.washington.edu/373>

4 Exams

This course has one midterm and a final. All exams are closed-book, closed-notes, no calculator. See the calendar for exam dates.

There are no makeups allowed for exams. At my discretion, I may grant exceptions given extenuating circumstances. Unless humanly impossible, you must notify me prior to the exam (even if you're sick in bed at home, you should still be able to make a phone call).

5 Assignments

This course has both paper assignments and programming assignments. Some assignments may have bonus – intended to challenge people and let them express their creativity. The bonus may require a fair amount of time for a few points.

5.1 Late Policy

All paper assignments must be turned in on paper in class on the day due. Only in extenuating circumstances (e.g. sick, snowday) may you turn in your paper assignment electronically (through email).

All programming assignments are due electronically by 10 PM. Refer to the course calendar for due dates. Each student in the class will have a total of four “free” late days (a late day is 24 hours of lateness). There are no partial days, so assignments are either on time, 1 day late, 2 days late, etc. Once a student has used up all of his or her late days, each successive late day will result in a loss of 25% on the assignment.

All assignments must be submitted by 10 PM, Sunday March 16, whether or not a student has free late days left.

5.2 Policy on Collaboration

You are to complete assignments individually. You may discuss the assignment in general terms, but the code you write must be your own. You are encouraged to discuss ideas, approaches, concepts, bugs, etc., in English, but you may not show or give your code to anyone except this course’s TAs and instructor. You are not allowed to write code with another student on an assignment or to show another student your solution to an assignment.

The course messageboard is a good medium for getting help on assignments. You can also email the instructor or TAs or go to office hours.

6 Grades

My goal is for the overall median grade to be a 3.2, to an 80.

Exams	45%
first midterm	20%
final	25%
Paper Assignments	20%
divided evenly (4%) among five assignments	
Programming Assignments	35%
prj1	6%
prj2	7%
prj3	7%
prj4	7%
prj5	8%

7 Computing Resources

You will be required to use Java 1.5 for the assignments. Good text editors include Textpad and Eclipse. The Math Sciences Computing Center is the designated lab for this course; they have the above software installed.