CS 373—Data Structures
MWF 12:30-1:20
Syllabus

This is the nuts and bolts of computer science. You need to learn this foundational material to do *anything* nontrivial with computers. I will expect you to spend the necessary time to *master* this important material.

Professor: Oren Etzioni (209 Sieg, 685-3035, etzioni@cs.washington.edu).
Office hours: Mon 4-5pm or by appointment.
Throughout the course, if you have comments or suggestions regarding the course. I'd be happy to talk about them in office hours or to receive e-mail.

I have a repetitive strain injury, so I have to severely limit my e-mail.

If you have questions about the assignment, you can send me e-mail or ask in class on Monday. I'll answer the questions in class, so everyone can benefit from the answer!

Texts:

1. Required: Weiss, **Data Structures Algorithm Analysis in C** 2nd Edition.

Copies are in the bookstore.

Note: You are "responsible" for the union of what's covered in class and what's in the book.

Course Outline

We will be following the text, covering (roughly) chapters 1 through 9, as well as additional algorithms covered in handouts.

Problem sets

- Problem sets will be handed out on Fridays.
- Problem sets are due at the beginning of class on Friday (a week after they are handed out). **Late problem sets will not be accepted.**
- You can drop your lowest problem set score.
- The TA will hand problem sets back one week after they are received along with solution sets.

There will be three kinds of assignments: reading (primarily from the book), pencil and paper exercises (also primarily from the book), and programming.

Reading Assignments

You are responsible for reading the appropriate sections of the book, preferably in advance of us talking about them in lecture.

Grading

The questions assigned from the book are intended to help you verify that you've understood the important parts of the reading. You should expect that not all of them will be graded by us.

Your grade in the course will be determined as follows:

- 5% participation. Note: I view participation as extra credit. It can only add, but not detract, from your grade.
- 20% midterm
- 50% problem sets
- 25% final

If you are caught cheating you will fail this course.

Participation

You can "participate" in the class in several ways:

- Participating in class discussion.
- Responding to e-mail questions sent to the entire class.
- Figuring out the answer to a question that in not resolved in class.
- Handing in all the problem sets.