CS 200
Computer Systems Programming I

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Welcome

This course gives you an overview of how computer systems are organized, from a software perspective.

This course provides skills and knowledge of C programming and systems programming.
Agenda for Today

Administrative stuff

- Textbooks, my policies, class mailing list, etc.
- Who’s here

Introduction to Lab Assignment 1
The only lesson of value is a learned one.

What’s important for us here is not the information that I teach, but what you learn.
Textbooks

Randal E. Bryant and David R. O’Hallaron,

- csapp.cs.cmu.edu

Brian Kernighan and Dennis Ritchie,

Housekeeping Stuff

Syllabus

- The online syllabus will be updated through the term
  - Don’t print it because it will change

- [www.cs.pdx.edu/~robboy/CLASSES/CS200/](http://www.cs.pdx.edu/~robboy/CLASSES/CS200/)
  - Go to [www.cs.pdx.edu/~robboy](http://www.cs.pdx.edu/~robboy) and follow links

Class Mailing List

- It is important to subscribe (see A0)
  - cs200@cs.pdx.edu

- Announcements, hints, and lab project requirements will be sent to the list

- You can ask questions on the mailing list

- You are encouraged to answer each other’s questions
More housekeeping

Due Dates

- Late homework will not be accepted except by prior arrangement.
  - Illness, family crisis, severe conflict with work.
  - If you know of a conflict, talk to me before it’s due, not when it’s due.
- Assignments are due at the start of the class period on the date due
  - Don’t miss part of a class to finish up an assignment
  - Turn in what you have

Email assignments to cs200acc@cs.pdx.edu
- Not to the class mailing list!
More housekeeping

There are approximately seven homework assignments

There are two tests

The final exam will be comprehensive, covering the entire term

There is no extra credit
You need login accounts

- **cs.pdx.edu or ceecs.pdx.edu**
  - These are the solaris servers
  - Systems are in the lab in FAB beyond the round tables
  - A link to instructions is in the class syllabus
  - You need to activate your account in person at CAT front desk

- **Even more important: linuxlab.cs.pdx.edu**
  - Linux systems in the lab down the hall
  - This is where we do our homework assignments

- **How to log in from home**
  - ssh user@linuxlab.cs.pdx.edu
  - ssh comes with the putty package
  - [http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html](http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html)
Lab Assignment 1

The specification is on my web site

- www.cs.pdx.edu/~robboy, click on CS200, scroll down to the weekly schedule, click on “A1 due”

It’s due in one week.
Cheating

Cheating will not be tolerated.

The minimum penalty for cheating is a zero for that assignment.
What is Not Cheating?

Solving a problem together as part of a lab assignment is OK.

Discussing the design for a program is OK.

Helping each other orally (not in writing) is OK.

Using anything out of the textbook or my slides is OK.

Copying code “snippets”, templates for system calls, or declarations from a reference book or header files are OK.
What is Cheating?

Copying code verbatim without attribution, except:
- Code from the textbook or my slides
- Snippets

Helping each other in writing.

Summary: You can work on a problem together. You can’t copy someone’s answer, or let someone copy your answer.
Assigned reading

You are responsible for the assigned reading in the text book
- Lectures are a supplement, not a substitute.

If you want a good grade, read the assignments.

Advice: If you want a good grade, do the practice problems
- More important even than the reading
What to do for next time

Get the textbooks if you don’t already have them.

Join the class mailing list (Assignment A0).

Read the assigned sections: K&R, Chapter 1 – 4, and B&O, Chapter 1.