

Contact

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 Please put [CS 270] in the subject line.
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Office JEB 232
Schedule .../~bruceb/schedule/spring24.html

About the course

A lot of information on the class web page(s)! The most important concepts we will cover in this course: The C Programming Language, Unix system interaction, Networking, and Unix systems programming.

Useful links

Syllabus .../~bruceb/cs270/Syllabus/spring24.pdf
Coding
– Guidelines .../~bruceb/General/codeStyle.html
– Requirements .../~bruceb/cs270/cs270_prog_assignments.html

Grading

The letter grade you receive from the course will be determined as follows:

A	90%	–	100%
B	80%	–	89.9%
C	70%	–	79.9%
D	60%	–	69.9%
F	0%	–	59.9%

Major Topics

- \LaTeX
- C
- Debugging
- Unix: Commands, file system, shells
- Shell Programming
- Scripting Languages — Python / Perl
- Networking
- C Programming Tools
- Systems Programming

“You’re seeing a lot more cases where people can afford to use C, instead of using assembly language.”

– Bill Gates, 1986

<http://programmersatwork.wordpress.com/bill-gates-1986/>

@mikeash, January 10, 2011

To be a good C programmer, one must fear it properly. Not too little, nor too much. Healthy respect, both for its capabilities and faults.

Review of *Programming in C*

<http://i.imgur.com/pAy4z.png>

Review of *Learn C The Hard Way*

<http://c.learnthecodethehardway.org/> – gone, search for it

Banned C standard library functions in Git source code

<https://github.com/git/git/blob/master/banned.h>

from: <https://twitter.com/nixcraft/status/1165797437199376384?s=11>

Low-Level Programming - C, Assembly, and Program Execution

<https://www.apress.com/gp/book/9781484224021>