

# CSC 220 Syllabus

## CSC 220

*Computer System Concepts*

*Winter 2014 Term*

Class meets Mon, Wed, Fri 10:40AM - 11:50AM @ Carnegie Hall, Room 113.  
Our first class is Mon Jan 6, 2014.

### Description

Basic computer architecture including combinational circuits, instruction sets, microprogramming, and assembly language, I/O (devices, busses and interrupts), and memory systems and organization. Programming required.

Prereq: CSC 161; CSC 230 recommended.

### Textbook

Our textbook is:

*"Structured Computer Organization, 6th Edition" by Andrew S. Tannenbaum*

There's a website associated with the text:  
[www.pearsonhighered.com/tanenbaum/](http://www.pearsonhighered.com/tanenbaum/)

### Instructor

My name is Bill Krieger. I am a part-time professor in the Computer Science department at North Central College.

My email is [wtkrieger@noctrl.edu](mailto:wtkrieger@noctrl.edu); my school website is [wtkrieger.faculty.noctrl.edu](http://wtkrieger.faculty.noctrl.edu)

### Grades

Your final grade will be comprised of:

- Programs - 40%
- Homework - 10%
- Exams - 50%

The standard North Central College grading scale will be used. It's spelled out here: [www.northcentralcollege.edu/academics/registrar-and-support-services/registrar/plusminus-grading](http://www.northcentralcollege.edu/academics/registrar-and-support-services/registrar/plusminus-grading)

The college rules on academic integrity will be strictly enforced. Plagiarism is a severe offense and will not be tolerated. It is considered plagiarism if any part of the work you submit has been written by another person. North Central College link: [www.northcentralcollege.edu/academics/dept-div-progs/english/plagiarism-policy](http://www.northcentralcollege.edu/academics/dept-div-progs/english/plagiarism-policy)

Late work will **not** be accepted without prior approval. Please see me if you have an issue meeting a course deadline.

### The Plan

Here's my tentative plan for this semester:

- Ch 1 Introduction
- Ch 2 Computer Systems Organiz.
- Ch 3 Digital Logic Level
- Ch 4 Micro-architectural Level
- Ch 5 Instruction Set Architecture Level
- Ch 7 Assembly Language Level
- Appx A Binary Numbers
- Appx B Floating Point Numbers
- Appx C Assembly Language Prog

**Office hours** are after class, MWF from noon to 1:00 in room Carnegie 310D.

If you need extra help outside of class, please ask. My schedule is flexible, and I will do my best to help any student.