Syllabus

CSC 220
Computer System Concepts
Spring 2006 term

Class meets Monday, Wednesday, and Friday from noon to 1:10 pm at Carnegie Hall, room 13.

Our first class meeting is Monday Mar 27, 2006.

Description

In CSC 220, you will learn about the levels present in most modern-day computers as presented in our text: digital logic, micro-architecture, instruction set architecture, operation system, assembly language, and problem-oriented language level. Our programming assignments will be in assembly language.

CSC 161 is a prerequisite for this class.

Textbook

The required text for CSC 220 is:

- *"Structured Computer Organization, 5th Edition" by Andrew S. Tannenbaum*

Make sure you get the 5th edition. The publisher's web site for the textbook is: http://www.prenhall.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 and my North Central site is william.krieger.faculty.noctrl.edu.

My office is located at 310D Carnegie. We will negotiate office hours in our first class meeting. In any case, you can always email me, and we will work out a convenient time for us to meet.

Grades

Your final grade will be comprised of:

- Homework, quizzes, etc. – 10%
- Programs – 20%
- Exam 1 – 20%
- Exam 2 – 20%
- Final exam – 30%

Late work will generally not be accepted.

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. Please see the North Central College's policy regarding plagiarism if you have any further questions.

The standard North Central grading scale is:

A 93-100%	B+ 87-89%	C+ 77-79%	D 60-69%
A- 90-92%	B 83-86%	C 73-76%	F 0-59%
	B- 80-82%	C- 70-72%	

The Plan

Well, here's the *very* tentative plan. We should cover the following chapters from our text, not necessarily in this order:

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