CSC 453/553 Syllabus

Systems Analysis
Fall 2007 term

Class meets Monday and Wednesday nights from 6:30 to 8:20 at Carnegie 113. Our first class meeting is September 10, 2007.

Description

CSC 453 will explore methods, techniques and tools to model and analyze systems.

Important areas covered by this course include:

- Problem definition, analysis and design
- Client engagement
- Role of a systems analyst
- Software life cycle
- Data gathering
- System modeling
- Analysis tools

A team project where customer interaction is involved will be a core part of this course.

The prerequisite for this course is CSC 161.

Textbook

The required textbook for CSC 453 is:

"*Systems Analysis & Design Methods, Seventh Edition*" by Whitten & Bentley, ISBN: 0073052337. The publisher's web site is: www.mhhe.com/whitten

Instructor

My name is Bill Krieger. I am a professor in the Computer Science department here at North Central College in beautiful Naperville, Illinois.

My email is wtkrieger@noctrl.edu and my North Central site is william.krieger.faculty.noctrl.edu.

My office is located at 310D Carnegie. My office hours this term are list in the "My Office Door" page on my North Central web site. In any case, you can always email me, and we *will* work out a convenient time to meet.

Grades

Your final grade will be comprised of:

- Lecture/Homework – 20%
- Team project – 40%
- Midterm exam – 20%
- Final exam – 20%

CSC 553 graduate students will have extra responsibilities. This will be determined at the beginning of the term.

Late work will generally not be accepted without prior approval.

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. The North Central College's policy regarding plagiarism is: http://www.noctrl.edu/x8303.xml

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

We'll cover at least the following from the book:

- PART ONE Context: Chapters 1-4
- PART TWO Systems Analysis: Chapters 5-11
- PART THREE Systems Design: Chapters 12, 14, 17

You will also be introduced to a number of CASE tools used during systems analysis, including Microsoft Project, PowerPoint, Visio, System Architect, and more.

Other material will be presented as time allows.