CSC 161 Syllabus

Computer Science II

Spring 2015 Term

Class meets Mon, Wed, & Fri 9:20AM - 10:30AM @ Carnegie 113.
Lab follow class on Mon, Wed 10:40AM - 11:40AM @ Carnegie 200.
Our **first class** is Mon Mar 30, 2015.

Description
A second course in object-oriented programming, emphasizing design and implementation of efficient, well-constructed programs using Java. Topics include graphical user interfaces, polymorphism, exception handling, stream and file I/O, algorithms for searching and sorting, recursion, linked lists, stacks, and queues. Extensive programming required. Laboratory.

Prerequisites: CSC 160 or one year H.S. programming in Java; MTH 121 or higher or appropriate placement.

Textbook
Our textbook is:

"Starting Out With Java"
by Tony Gaddis & Godfrey Muganda

There's a website associated with the text: www.pearsonhighered.com/gaddis/

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; my school website is wtkrieger.faculty.noctrl.edu

Grades
Your final grade will be comprised of:
- Programs - 40%
- Class/Lab - 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

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

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 11 Inheritance
- Ch 12 Exceptions & Advanced File I/O
- Ch 13 Advanced GUI Applications
- Ch 14 Applets and more
- Ch 15 Recursion
- Ch 16 Sorting, Searching, etc
- Ch 17 Generics
- Ch 18 Collections
- Ch 19 Array-based Lists
- Ch 20 Linked Lists
- Ch 21 Stacks and Queues

Office hours are after class, MW from 11:40 to 12:10 and Fri from 10:30 to 11:00. I'll usually be in our lab room or Carnegie 311

I am available outside office hours for 1-on-1 help as well. Email me!