

CSC 161 Syllabus

CSC 161

Computer Science II

Winter 2015 Term

Class meets Mon, Wed, Fri 8:00AM - 9:10AM @ Carnegie Hall, Room 113.
Lab is Mon, Wed 9:20AM - 10:20AM @ Carnegie, Room 200.
Our first class is Mon Jan 5, 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 10:20 to 11:05 and Fri from 9:10 to 11:10 in our lab room or Carnegie 311

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