

Mottos

- The future belongs to those who believe in the beauty of their dreams. – Eleanor Roosevelt
- We learn best, when we must invent. – Jean Piaget
- Want what you do. – Jim Cohoon

Prerequisites

- Open only to people with no prior programming experience.
- Open only to people who want truly to enroll.
- Open only to people who are committed to be daily active participants.

Instructor

- Jim Cohoon
- Email: cohoon@virginia.edu
- Office: 221 Olsson Hall
- Official office hours: MW 10:30 – Noon
- Unofficial office hours: when I am there

Textbook

- Java 5.0 Program Design, Jim Cohoon and Jack Davidson, McGraw-Hill 2005, 0073250309

Objectives

- Be interesting.
- Exercise and improve problem solving skills.
- Impart an understanding of computing fundamentals and motivate further interest in Computer Science
- Impart an understanding of programming fundamentals including variables, objects, lists, libraries, conditional and iterative constructs, methods, invocations; classes, recursion, object-oriented design and implementation.
- Enable students to design, create, debug, and run a (Java) computer program to problem solve.
- Gain exposure to the important topics and principles of software development.

Class principles

- We are all here to learn – every class is important.
- When possible to do so with honor, we will help classmates learn and improve.
- When there is doubt about honorability, we ask before doing.
- We get help from classmates and course staff before succumbing to frustration.
- We recognize that all assignments and exams are pledged to have neither given nor received unauthorized help.

Website

- www.cs.virginia.edu/cs101x – provides updates, information, clarifications.

Organization

- Meeting
 - Section 1: MWF at 2:00PM in Thornton E316
- Assignments
 - Exercises
 - Eight programming assignments
- Three Wednesday tests (February 20, March 26, April 23)
- Three Friday quizzes (February 22, March 28, April 25)
- Final (Friday May 2 @ 7PM)
 - Sufficient class performance makes the final exam optional

Grading

- For students who are exempted from the final, grades will be determined as follows:
 - Homework: 45%
 - Tests: 45%
 - Quizzes: 10%
- For students taking the final, grades will be determined as follows:
 - Homework: 40%
 - Tests: 30%
 - Quizzes: 10%
 - Final: 20%