

# CS 101 / CS 101-E

<http://www.cs.virginia.edu/~cs101>

**M/W 2:00-3:15**  
**CHM 402 / MEC 215**

## Instructors

### CS 101

James Cohoon

<http://www.cs.virginia.edu/~cohoon>  
[cohoon@virginia.edu](mailto:cohoon@virginia.edu)

Office: Olsson Hall, room 221

Office hours: Mon 3:15-5, Tue 10-11

### CS 101-E

Aaron Bloomfield

<http://www.cs.virginia.edu/~asb>  
[asb@cs.virginia.edu](mailto:asb@cs.virginia.edu)

Office: Olsson Hall, room 228D

Office hours: Mon 1-2, Wed 10-11, Fri 10-11

Other course personnel (teaching assistants, tutors, etc.) will be announced in a week or so.

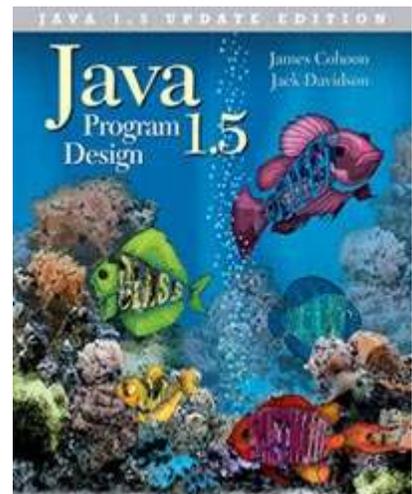
**Objectives:** Students who complete the course will:

- Understand common fundamentals of programming such as variables, conditional and iterative execution, functions, etc.
- Understand fundamentals of object-oriented programming in Java, including defining classes, calling member functions, using class libraries, etc.
- Have an appreciation of important topics and principles of software development and computer science.
- Be able to write a computer program to solve a specified problem.
- Have strong practical experience using the Java SDK environment to create, debug and run simple Java programs.

**Textbook:** James P Cohoon and Jack W Davidson, Java 1.5 Program Design, McGraw Hill, 2004. ISBN 0072948655. Make sure you get the 1.5 version! We will cover chapters 1-8 (a tentative schedule of what we are covering when is on the website's Syllabus page).

**Grades:** Grades will be calculated by the following formula:

- 5%: Laboratory attendance/participation
- 10%: Laboratory quizzes
- 35%: Homeworks
- 25%: Midterms (see below)
- 25%: Final exam



The grades will follow a standard curve: once the final numerical grade has been computed according to the above formula, the average grade will get a B- (although this may increase slightly as the course progresses). Doing significantly better than the average will

receive an A. Doing significantly worse than the average will receive an F.

**Exams:** There will be three midterm exams during classes on September 29, October 27, and November 22. Note that the first exam is before the drop deadline of October 13. The midterms constitute 25% of your final grade. The midterm with the lowest grade will count as 5%, and the other two will each count as 10%. The final exam will be on Monday, December 13 from 7 p.m. to 10 p.m., and will count for 25% of the final grade. This final conflicts with APMA 310 and ECON 201 (sections 100 and 200) – it is your responsibility to get a make-up exam for those classes (we provided the make-up exam last time). Quizzes will be announced ahead of time, given in labs, and will constitute 10% of the final grade.

**Homeworks:** There will be several homeworks given out throughout the semester, which constitute 35% of your grade. All homeworks **MUST** be your home directory (see <http://www.homedir.virginia.edu>) when they are submitted.

**Labs:** There **WILL BE** labs the first week. Lab attendance is **REQUIRED**. If you miss more than 2 labs, you will be subject to failure for the course. If you are unable to make your lab for a valid reason, there will be a make-up lab on Sunday night that you can attend, provided you get permission prior to your regularly scheduled lab.

### **Honors Policy**

- The University of Virginia Honor Policy is in effect in this class.
  - As a student in the course you are agreeing to the following principles.
  - When there is doubt regarding the honorability of an action, you will ask before doing it.
  - When possible to do so with honor, you will help your fellow classmates learn and improve.
- You can get help from classmates and course staff before succumbing to frustration. Frustration leads to the dark path.
- Unless otherwise noted, exams and individual assignments will be pledged that you have neither given or received unauthorized help.
- By default, the only allowed collaboration is the discussion of ideas. No code or solutions are to be distributed to other students either electronically or on paper. Any exceptions to this policy will be specifically noted on an assignment.
- You are not allowed to describe problems on an exam to a student who has not taken it yet. You are not allowed to show exam papers to another student or view another student's exam papers while working on an exam. An academic irregularity on any exam may result in failure of the course and be brought to the honor committee.
- If you have questions on what is allowable, ask!