CS 101 and CS101E, Spring 2009 – Beginning of Course Memo

CS101 (3pm) Instructor: Dr. Tom Horton. horton.uva(at)gmail.com  Phone: 982-2217
Office Hours: MWF 1-2pm, TTh 2-3pm  Olsson Hall 228B

CS101 (1pm) Instructor: Dr. Marty Humphrey. humphrey(at)cs.virginia.edu  Phone: 982-2258
Office Hours: MW 2-3, Fri 10-11  Olsson Hall 236C

CS101E Instructor: Dr. Sudhanva Gurumurthi. gurumurthi(at)cs.virginia.edu  Phone: 982-2227
Office Hours: TR 10am-12noon  Olsson Hall 236B

Teaching assistants: Info including office hours will be posted on the Collab site.

Primary email contact address: cs101@virginia.edu
Read by entire staff! Send email on assignments, instructions, grades, etc. here not to the instructor!

Course Objectives: Upon completion of CS101 or CS101E, a student 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 programming environment to create, debug and run simple Java programs.

CS101 and CS101E are in effect two sections of the same course. Students with at least a semester worth of prior formal class-work in programming in any language are strongly encouraged to take CS101E. Students without such prior experience are required to take CS101. CS101 and CS101E will cover the same lecture material. Exams, assignments, and grading are the same for both sections.

Textbook and Other Resources:

- On-line information found on the textbook authors’ “booksite” at http://www.cs.princeton.edu/introcs. The shorter versions of the textbook’s chapters are not a sufficient substitute for reading the printed textbook. Other material found there may be required reading.
- UVa Collab site: http://collab.itch.virginia.edu and then select site: *CS101, Fall 2008*
- CS101 students (not CS101E) must bring a USB Flash Drive to each lab.
- Clickers: Your instructor (Horton at least) may require you to have an i>Clicker

Grades: Grades will be calculated by the following formula. This scheme is tentative and we reserve the right to change it as the semester progresses.

- At most 6 individual programming assignments. 40%
- At most 5 individual programming quizzes. 10%
- Exam 1 (Feb. 18) and Exam 2 (Apr. 1), each worth 15%
- Exam 3 (Sat., May 2, 7pm) for all sections, 20% (partially cumulative)

CS101/CS101E students do not compete with each other for grades. There is no grading advantage or penalty based on which course you are in. Grades are awarded to reflect individual learning relative to specific objectives set by the course instructors.
**Special Circumstances:** Students with special circumstances (athletics, disabilities, etc.) must let their instructor know during the first week of class.

**Exams and Quizzes:** There will be three exams. The first two exams will be given during regularly scheduled class times. The 3rd exam will be given during the final exam period, and there is one specified time for all sections of CS101 and CS101E. All exams are closed book, no notes, etc. Paper and pen only. Quizzes will be short programming problems. They will be given in the lab sessions for CS101 students. CS101E students will do them at home and submit them on-line.

**Lab Sessions:** Students in CS101E should not be enrolled in a lab section, and due to space constraints cannot attend lab sections. It is required that CS101E students carry out lab activities on their own by a certain deadline each week. (They may be asked to submit work related to labs.) CS101E students will be able to ask TAs for help when doing lab work. This whole arrangement will be explained clearly each week on the Collab site.

Students in CS101 must be enrolled in a lab section, and must attend the weekly meeting of the section in which you are enrolled. Attendance will be taken, and absences may lower your overall grade by as much as 10%. (If you are unable to attend your lab for a valid reason, a policy for notifying the staff and making up this work will be posted on the Collab site.) All lab sections are held in Olsson 001. Students must bring a USB flash drive (“memory stick”) to each lab.

**Programming Assignments:** We expect to give about 6 programming assignments this semester. All submissions will be made electronically. Collaboration policies for each assignment will be made clear and may vary from assignment to assignment.

Programming homework will normally be due Wednesday night at midnight. LATE SUBMISSIONS ARE NOT ACCEPTED. This policy is strictly enforced by our online submission system. Exceptions to this policy are those allowed by the Undergraduate Student Record.

**Honor Policy:** The University of Virginia Honor Policy is in effect in this class. As a student in the course you also agree to the following principles.

1. Unless otherwise specified, the only allowed collaboration for the homeworks and lab assignments is the discussion of ideas; no collaboration is allowed on exams or quizzes.
2. No code or solutions can be distributed to other students either electronically or on paper. This includes showing incomplete or complete code solutions to each other. If you are looking at another student’s code, you are in violation of this honor policy.
3. Unless otherwise noted, all exams, quizzes and individual assignments are pledged: you promise that you neither given or received unauthorized help.
4. When there is doubt regarding the honorability of an action, you will ask one of the TAs or instructors before doing it.
5. You are not allowed to describe problems on an exam or quiz to a student who has not taken it yet. You are not allowed to show exam or quiz papers to another student or view another student’s exam or quiz while in progress.
6. You are not allowed to debug your fellow student’s code. (This rule will be further clarified when we starting writing and debugging programs.)
7. When collaboration is allowed on particular assignments, we will clearly define what kinds of collaboration are allowed.

In response to cases of violations of the course honor policy, we reserve the right to reduce course grades, to ask students to leave our class, and/or to refer cases to the Honor Committee for prosecution. We reserve the right to use automated techniques to check for violations of this policy. If an assignment is too hard for you to complete in a satisfactory way under the collaboration policy for that assignment, violating these policies is not an acceptable option! Instead, contact one of the course staff for advice and help.