

CSI 201 – Computer Science I – Fall 2009

Instructor: Dr. Shaun D. Ramsey

Email: shaun.ramsey@gmail.com

Office: DUNN N102

Office Hours: M 12:20-1:30, TR 12-1

Phone: (410) 810-7485

Web: <http://shaunramsey.com>

Class meetings: MWF 11:30-12:20 DUNN N103

Primary Text: Intro to Programming w/ C++ by Liang

Overview and Topics: Refer to the website for topics and homework after each lecture. This course will tackle the C++ language and several important programming basics like functions, recursion, arrays, structs and classes. Learning successful software development is the corner stone to being a successful computer scientist.

Advising and Prerequisites: A strong logical background is required to successfully complete this course. It is the first majors course in computer science and thus is designed with idea of training software developers. If you enjoy solving logic puzzles in your free time or have completed some programming on your own in the past, then this course is right for you. If you hate algebra and logic puzzles, then this course will likely be very difficult for you to tackle. You will be expected to produce original code and not simply modify, copy or mimic existing code in this course.

Exams: Tentatively, exams will be held on 9/25, 10/23, and 11/18. The final exam will be administered during its scheduled slot during final exam week. An absence on the day of an exam will result in a grade of a 0. Except in cases of extreme emergency, exams must be taken on the day the exam is administered. Before a make-up test is scheduled, documentation of the extreme emergency must be given. Make-up exams for tests missed due to an extreme emergency will be arranged for a time that is mutually convenient for the student and Dr. Ramsey.

Attendance: Students who attend class regularly statistically have better grades than those who do not. It is thus expected that you attend class. This also is a small attempt at professional development and to prepare you for work. In the work force, your attendance is necessary to maintain your employment. My attendance policy is constructed to enforce this. You may miss one week worth of class meetings at no penalty (3 classes in a MWF course or 2 classes in a TuTh course). Each class meeting that is missed after this will result in a 10% reduction in grade. I will not attempt to make a distinction between excused and unexcused absences. It is your responsibility to obtain assigned homework, announcements and class notes from your fellow

students. Talk to classmates for class notes. It is important that you attend every class, as there is certainly a correlation between grades and attendance. As a matter of courtesy, students are expected to inform Dr. Ramsey of the reason for any absence.

Grading: Your grade consists of three exams, one final exam, and assignments. You must pass each exam and have a passing average on assignments to pass the course. Each exam is worth 20% of your final grade. Coursework/quizzes/homework comprises the last 20% of your final grade. Attendance can have an affect on your final grade (see below).

Assignments and Programming: Assignments largely consist of programs completed outside of class, but may include other assigned tasks inside and outside of class. For example, quizzes, oral presentations during class and specific written assignments outside of class. Late homework will receive half credit (until the solution is given and then it is worth no credit). Assignments are due at the beginning of class on the assigned due date.

Programming assignments are time stamped by the server we will be using, so be sure not to alter your program after the hand-in time. Remember to make sure that your program compiles and executes.

Academic Honesty: You are always subject to the Honor Code of Washington College. You may discuss concepts with others, but work is to be done on your own (unless otherwise designated). If you are unsure if something is considered *cheating*, simply ask. As always, if you have questions, feel free to email or stop by my office.

SHARING CODE OR GIVING CODE IN ANY WAY IS CHEATING! You may look at someone else's code and point out an error, but you may not use someone else's code as a guideline for what you should be writing. Your homework programs are not research papers. They are exploration exercises designed to help connect logical pieces together in your own brain. If you do not do it yourself, you will not learn the work. WRITE YOUR OWN CODE!

Accommodations: If you have a special accommodation/need that has been reported to the college, please let me know discretely during the first week, so that I can work to meet your accommodation.