CSI 201 – Computer Science I – Fall 2008

Instructor: Dr. Shaun D. Ramsey   **Email:** sramsey2@washcoll.edu
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Office Hours: M 1:30-2:30, T 11:30-12:45 (Cove), Wednesday 10:30-11:20
Class meetings: MWF 9:30-10:20 - Dunning N103
Text: Introduction to C++ Programming, Comprehensive (Hardcover) by Y. Daniel Liang
Web: http://ramsey.washcoll.edu/class/08FALL

Overview: The purpose of this course is to teach basic programming techniques. You will use your current logic and problem solving skills and apply them to computer programming. In particular we will be focusing on the C++ programming language. This course is challenging and requires good logic and problem solving skills for success.

Topics: This course will cover basic C++ programming tools. As we are coding on the linux operating system, you will also learn some basic linux operating commands. Other topics in this course include variables, conditionals, loops, and functions. Advanced topics covered in this course include arrays, strings, and classes.

Advising: Strong logic and problem solving skills are required to be successful in this course. CSI 201 is a prerequisite of CSI 202. CSI 201 is the first course in the major sequence for computer science and is required in several other disciplines.The course counts as a quantitative distribution.

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/homework comprises the last 20% of your final grade.

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, oral presentations during class and specific written assignments outside of class. For programming assignments, credit is given only for programs which compile without errors, execute properly, and are not late. Late homework will receive a grade of 0, but will be collected

for mark-up. 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.

Exams: Tentatively, exams will be held on 9/17, 10/15 and 11/12. 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: Other than missed classwork, lectures and notes, I assign no penalty for 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.

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!

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.

Suggestions: To become a good programmer and problem solver, you must work on many problems. If you need help, please see me, peers or the math center for assistance. There are many resources, so there is no excuse for not using them.