

CSI 201- Computer Science I

Instructor: Dr. Shaun D. Ramsey **Email:** sramsey2@washcoll.edu
Phone: (410)810-7485 **Office:** DUNN N102

Office Hours: DUNN N102 MW 1:30-2:20
 and Math Center T 2:30-3:45

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

Text: *Absolute C++, Third Edition*, by Walter Savitch

Overview: The purpose of this course is to teach you basic programming techniques and algorithmic problem solving methods. In particular, we will be focusing on the use of the C++ programming language. A core foundation in software programming is necessary to create complex, efficient and otherwise useful programs designed to solve specific needs and problems. Good problem solving abilities and programming skills are a valuable commodity and marketable in many positions and disciplines. This course is a challenging course, requiring hard work, good logic and problem solving skills for success.

Topics: The topics covered in this course include the basic tools for programming in C++. You will learn basic unix/linux operation as it applies to programming. You will learn about variables, conditionals, functions, and recursion. Other topics include arrays, strings and classes.

Advising: CSI 201 has no prerequisites but it *is* a difficult course for those with weaker logic and problem solving skills.

Exams: Tentative exam dates are: 9/24, 10/24, 11/28. The final exam will be administered during its scheduled slot during final exam week. An absence on the day of the exam will result in a grade of 0. Except in cases of very extreme emergency, exams must be taken on the day the exam is given. 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: Attendance is mandatory in this course. On your seventh absence, you automatically fail the course. As a matter of courtesy, you are expected to notify Dr. Ramsey before class describing the reason of your absence. You must be present on the day of an exam or you will receive a 0.

There is no distinction between excused and unexcused absences. It is quite likely that I will email you to discuss the reasons you have missed the class, but it is ultimately your duty to keep track of your absences and to contact me. Missing a class may result in missed classwork and/or quizzes. There are no make-up quizzes or classwork. It is your responsibility to obtain assigned homework, announcements and class notes from a classmate.

Grading: Each exam (and the final) is worth 20% of your final grade. Homework, classwork and quizzes are worth the last 20% of your grade. Programming assignments must be handed in on time and compile. Late homework (and programming that does not compile) will receive a grade of 0. Homework is due by the beginning of class on the day it is due. Do not 'touch' or modify your files on the server after handing in the assignment as this will change the time stamp.

Academic Honesty: You are always subject to the Honor Code of Washington College. Always sign the honor code on materials that you hand in to me. All work must be your own.

Accommodations: If you have an accommodation that has been reported to the college, please let me know as soon as possible so I can work to meet your accommodation.

Suggestions: Get into a group. You may point out programming errors and discuss design with others, but all code must be of your own creation. Copying another students code will result in immediate failure. Visit the math center and course mentor! There are lots of resources.