

MAT 101 — Introduction to Computer Programming (C++), Fall 2004

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Office Hours: TTh 10:00am–11:15am, M 12:30pm–1:20pm, or by appointment
Course Web Page: <http://ramsey.washcoll.edu/class/04FALL/101.html>
Class meetings: MWF 1:30pm–2:20pm in GLDS 202
Textbook: *Absolute C++*, by Walter Savitch

Overview: The purpose of this course is to teach you basic programming techniques in the C++ language. This core foundation is necessary to create complex, efficient and otherwise usable programs. Good programming skills and practice are a valuable commodity and a marketable skill in almost any professional position.

Topics: The topics covered in the course include the basic tools for programming in C++. You will learn about variables, input/output, conditionals, iterators, functions, and recursion. Other topics in the course include arrays, strings, pointers, and classes. If time permits we will discuss overloading, inheritance, and linked lists.

Advising: MAT 101 has no prerequisites and is a required course for the major in computer science.

Grading: There will be two exams (15% each) that contribute to your final grade. The final exam will count as 20%. Homework contributes 40% to your final grade. For programming assignments, credit is given only for programs which compile and execute properly, as it is important to produce code which *works*. If your homework does not compile and execute, it is considered a 0. For each day that a homework is handed in late, a 10% deduction is applied. Thus, if you hand in your homework 3 days late, your maximum score is 70%. Lastly, class participation will count as 10%. Class participation includes participation in class and may include announced and unannounced quizzes. Continuous improvement, attendance, and punctuality (in class and in assignments) will be considered for students on the borderline of a grade. Exam dates are *tentatively* set for: October 6 and November 17. The final will be during finals week December 13–December 18. Exams may not be taken on a different date except in extreme circumstances.

Attendance: Attendance will be taken at the beginning of every class. On your seventh unexcused absence, you fail the course. I will likely email you if you miss a class. Notice that participation is also a part of your grade and if you do not come to class, it will affect your participation.

Academic Honesty: You are always subject to the Honor Code of this college. You may discuss concepts with others, but work is to be done on your own. If you are unsure if something is considered *cheating*, you should ask me first. If you have questions, feel free to stop by or email me.

Accommodations: If you have a special accommodation/need that has been reported to the college, please let me know the first week.