

Semester Schedule

This schedule is approximate and subject to changes. It is meant to give you a rough idea of the scope and pace of the course, with Chapter readings and assignments. Note that some sections in some chapters will be omitted in this course.

Week	Topics	Due
Week 1 Aug 28	Introduction to C++: data types, variables, expressions, arithmetic, assignment statements. Chapters: 2	Program 0
Week 2 Sep 4	First Quiz; cout and cin; assignment; counting and accumulating; shortcut assignments; formatted cout; Chapters: 2, 3 Monday, September 4 -- No Class/Office Hours -- Labor Day	Program 1
Week 3 Sep 11	Quiz each week unless announced; Control Statements & Structured Programming; repetition and decisions; logical expressions and conditions; Chapters: 4 and 5	Program 2
Week 4 Sep 18	Finish Control statements: More on char, switch, and (cond) ? xx : yy; Symbolic Constants; Variable Scope Chapters: 2, 4 and 5	Program 3
Week 5 Sep 25	Introduction to functions; examples passing arguments by value; Chapters: 6	Program 4
Week 6 Oct 2	Exam 1 (Wednesday or Thursday based on section)	
Week 7 Oct 9	Functions; Arrays; Arrays as parameters; Searching and Sorting (simple algorithms) Chapters: 6, 7, and 8	Program 5
Week 8 Oct 16	Arrays; Two Dimensional Arrays Chapters: 6, 7, and 8	Program 6
Week 9 Oct 23	Arrays (continued); Reference Parameters; File Input/Output	Program 7
Week 10 Oct 30	Intro to Object-Oriented Programming Chapters: 13	
Week 11 Nov 7	Object-Oriented Programming; Chapters: 13	Program 8
Week 12 Nov 13	Exam 2 (Wednesday or Thursday based on section)	
Week 13 Nov 20	Object-Oriented programming (cont.); Chapters: 13 No Class/Office Hours -- Wednesday, Nov 22 through Friday, Nov 24 -- Thanksgiving Break	
Week 14 Nov 27	Structures and Structure Processing Chapters: 11	Program 9
Week 15 Dec 4	C-Style strings (null-terminated arrays of characters) and basic string processing functions; String Class Chapters: 10	Program 10
Week 16 Dec 11	Finals week Final Exam	