

## McQuain's CS 1044 Final Exam Spring 1999

Topic	Notes	Dale Book	Approx Weight (%)
Overview & Design	Chapters 1 & 2	Chapters 1 & 2	2
Core C++ Syntax assignment arithmetic Boolean expr. if..else, switch loops	Chapters 3, 5 & 6	Chapters 2, 3, 5, 6 & 9	15
I/O	Chapter 4	Chapter 4	10
Functions & Scope prototypes calls parameter passing return value identifier scope	Chapter 7	Chapters 7 & 8	20
Arrays one-dimensional char arrays two-dimensional as parameters	Chapter 8	Chapters 11, 12 & 13	10
Sorting & Searching linear search binary search bubble sort selection sort	Chapter 11	Chapter 12	6
Data Types	Chapter 9	Chapter 10	5
Struct Variables	Chapter 10	Chapter 14	15
Recursion	Chapter 14	Chapter 16	3
Computer Arithmetic	Chapter 13	Chapter 10	2
Logic	General principles	General principles	10
Binary Representation	Supplemental Notes		2

**Note:** this is an approximate breakdown with some high-level suggestions for some of the topics. I don't consider this list to be entirely accurate, or to be comprehensive.