

Topics Covered in Lectures

Topic	Reference (Chap#)
Review of C/Overview of C++	Textbook: 1-5, 7
Program compilation; separate compilation	Textbook: 12.1
Pointers and structures in C++	Textbook: 9, 10.1
Pass-by-value versus pass-by-reference	Textbook: 5
Automatic/global/dynamic variables; scopes	Textbook: 4.5
C++ I/O; cin and cout; stream formatting; error checking	Textbook: 6
C++ classes and objects; data members; function members	Textbook: 10.2
Access control (private and public only)	Textbook: 10.2
Constructors and destructor	Textbook: 10.2
Operator overloading	Textbook: 11.2
Pass-by-value versus pass-by-reference revisited; the const modifier	Lecture notes
Dynamic allocation of objects and arrays of objects	Textbook: 11.3