

C++ Essentials

This C++ Essentials training covers how to read and write in C++, one of the world's most popular programming languages. C++ is a popular programming language for anyone who needs to process graphics rapidly, run rigorous physics simulations, and even write unique database software. Taking a C++ essentials course is a good idea at any point in your career because it could be the last language you learn, or the next in a long list.

[CBT Nuggets course material](#) →

WEEK 1

Introduction to C++

152 min.

Introduction	1
C++ High-Level Overview	11
Writing and Running C++ Code	16
C++ Development with an IDE	12
Comments, Spacing, and Other Syntax Basics	8

Learn C++ Syntax

Overview	1
Introduction	1
Declaring Variables in C++	14
If, Else, and Else If in C++	13
While and Do-While Loops	14
Normal and Range-Based For-Loops	10

Basic C++ Data Types: Numbers

Overview	1
Introduction	1
Data Types and Memory Basics	8
Differences Between Implementations	8
Number Types in C++	9
Floats and Doubles	9
Unsigned, Long, and Short Number Types	13

WEEK 2

Basic C++ Data Types: Strings and Other Data Types

51 min.

Overview	1
Introduction	1

Boolean Variables	7
Characters in C++	11
Strings in C++	6
Associating Data Using Structures	16
Enumerated Types	7