

# C++ Training: The Complete C Programming Course (CPROG, 4 jours)

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## Description

The course The Complete C Programming Course (C++ Training) covers C programming from A to Z. The training includes basic C data types & structures, functions, memory management, pointers & more. The course also discusses compiler options & directives as they apply to Windows & Linux.

## Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### C Programming Overview

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History of C

Purpose of C

Basic Features

### Your First C Program

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Overall Layout

Declarations

Body

### Variables and Data Types

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Characters

Integers

Floating Point Numbers

Convention for Naming Variables

Working with Constants

### Operators

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Arithmetic Operators

Integer vs. Floating Point

Precedence

Assignment Operators

Increment and Decrement Operators

### Control Flow

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Conditional Statements

Operators

Condition Expressions

Switch Statements

Loops

### Functions

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Declaring Functions

Variables and Scope

The Stack

### Pointers and Arrays

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Declaring Pointers

Hazards of Pointers

Declaring Arrays

Arrays as Function Parameters

## Structures

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Declaring Structures

Structures as Function Parameters

Converting Pointers to Structures

Arrays of Structures

Structures in Structures

Structure Members

## Characters

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Character Arrays

Character Strings

String Constants

## Multidimensional Arrays

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Declaration and Initialization

Working with Multidimensional Arrays

Pointers with Multidimensional Arrays