SETC Training Corporate Logo

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

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
- History of C
- Purpose of C
- Basic Features

Your First C Program
- Overall Layout
- Declarations
- Body

Variables and Data Types
- Characters
- Integers
- Floating Point Numbers
- Convention for Naming Variables
- Working with Constants

Operators
- Arithmetic Operators
- Integer vs. Floating Point
- Precedence
- Assignment Operators
- Increment and Decrement Operators

Control Flow
- Conditional Statements
- Operators
- Condition Expressions
- Switch Statements
- Loops

Functions
- Declaring Functions
- Variables and Scope
- The Stack

Pointers and Arrays
- Declaring Pointers
- Hazards of Pointers
- Declaring Arrays

Arrays as Function Parameters
Structures
Declaring Structures
Structures as Function Parameters
Converting Pointers to Structures
Arrays of Structures
Structures in Structures
Structure Members
Characters
Character Arrays
Character Strings
String Constants
Multidimensional Arrays
Declaration and Initialization
Working with Multidimensional Arrays
Pointers with Multidimensional Arrays