

C++ Language – Introduction into C/C++ Language

Course code: CPP_INTRO

The course is intended for people with a basic knowledge of programming who want to learn skills in the standard C language and object-oriented C++ language.

Affiliate	Duration	Course price	ITB
Praha	5	19 000 Kč	50
Brno	5	19 000 Kč	50
Bratislava	5	850 €	50

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
31.03.2025	5	19 000 Kč	Presence	CZ/SK	Gopas Brno Prezenční
07.04.2025	5	19 000 Kč	Online	CZ/SK	Gopas Praha Online
07.04.2025	5	850 €	Online	CZ/SK	Gopas Bratislava Online
02.06.2025	5	19 000 Kč	Presence	CZ/SK	Gopas Praha Prezenční
21.07.2025	5	850 €	Presence	CZ/SK	Gopas Bratislava Prezenční

The prices are without VAT.

Who is the course for

The course is intended for programmers, testers and project leaders who want to learn about C and C++.

What we teach you

Fundamentals of programming in C and language syntax

Data types, operators and expressions

How to indicators, dynamic structures

How to use standard libraries

Fundamentals of object-oriented programming

Abstract classes, inheritance, polymorphic structures

Designing event-driven programmes

Required skills

Basic knowledge of algorithmization and programming

PC use skills

Course Outline

Introducing to C/C++ programming

- Architectural overview
- Structure of program in C/C++
- Compilation
- Preprocessor

C/C++ Fundamentals

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

C++ Language – Introduction into C/C++ Language

- Functions
- Parameters
- Variables
- Return values
- Data Types
- Operators
- Expressions
- Controlling program execution

Pointers, Arrays and Strings

- Using pointers
- Using Arrays
- Using Strings

Input and Output (I/O)

- Standard I/O
- Working with files
- Formatted and Unformatted I/O

Compiler C++

- Enhancements of C++
- References and Pointers
- Overriding of functions
- Standard I/O in C++
- Overriding of functions in C++

Standard Libraries o C++

- Object String
- STL containers
- Introduction to Object Oriented Programming

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved