

# 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	23 500 Kč	50
Brno	5	23 500 Kč	50
Bratislava	5	940 €	50

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
18.05.2026	5	23 500 Kč	Presence	CZ/SK	GOPAS Praha
29.06.2026	5	23 500 Kč	Presence	CZ/SK	GOPAS Brno
☀ 13.07.2026	5	940 €	Online	CZ/SK	Online
☀ 13.07.2026	5	23 500 Kč	Online	CZ/SK	Online
☀ 17.08.2026	5	23 500 Kč	Presence	CZ/SK	GOPAS Praha
☀ 24.08.2026	5	23 500 Kč	Online	CZ/SK	Online
☀ 24.08.2026	5	940 €	Online	CZ/SK	Online
12.10.2026	5	23 500 Kč	Presence	CZ/SK	GOPAS Brno
09.11.2026	5	23 500 Kč	Presence	CZ/SK	GOPAS Praha

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

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved

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

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

## C/C++ Fundamentals

- 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 of C++

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

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved