

Introduction to Programming and C++ Basics for Non-Programmers (TTCP2000)

Price: 2695

Duration: 5 days

Delivery Methods: Virtual

Overview

Introduction to Programming and C++ Basics for Non-Developers is a five-day, basic-level training course geared for IT candidates who have little or no prior experience in computer programming. You'll gain light hands-on programming experience, while you begin your journey to develop a programmer's mindset. Throughout this gentle introduction to programming and C++, students will learn to create applications and libraries using C++ using best practices and sound OO development techniques for writing object-oriented programs in C++. Special emphasis is placed on object-oriented concepts and best practices throughout the training.

Becoming a modern software developer is like learning a new language; it requires study, practice, and dedication well beyond this course to apply your new skills effectively. While this five-day program won't transform you into an experienced developer, it will lay a solid foundation in coding basics using C++, while teaching you to think like a programmer. Although this course is technical in nature, our instructors will guide you every step of the way, providing a supportive environment for you to explore, ask questions, and prepare for your next learning milestones.

NOTE: Although this course is geared for non-developers, it is helpful for attendees to have a somewhat technical background and to be comfortable working with computers, having the ultimate goal of becoming a C++ software developer.

Audience Profile

Although this course is geared for non-developers, it is helpful for attendees to have a somewhat technical background and to be comfortable working with computers, having the ultimate goal of becoming a C++ software developer.

Attendees might include:

- Technically-oriented attendees who want or who want to begin the process of becoming an OO application developer
- Technical team members from non-development roles, re-skilling to move into software and application development roles within an organization
- Recent college graduates looking to apply their college experience to programming skills in a professional environment, or perhaps needing to learn the best practices and standards for programming within their new organization

At Course Completion

This “skills-centric” course is about 50% hands-on lab and 50% lecture, designed to train attendees in basic coding with C++, coupling the most current, effective techniques with the soundest industry practices. Our engaging instructors and mentors are highly experienced practitioners who bring years of current “on-the-job” experience into every classroom.

Working in a hands-on learning environment, guided by our expert team, attendees will learn:

- Learn about basic computer architecture (memory, CPU, IO)
- Gain basic knowledge of the C++ programming language, features and functions in today’s development initiatives
- Gain hands-on practice using C++ basic syntax and functions to build basic software applications
- Learn about Object Oriented development and best practices
- Learn and apply core development functions such as dynamic memory, inheritance, value type / reference types, exceptions and more
- Get a light introduction to the C++ Standard Library
- Gain skills required to exit the course with a foundation in basic programming skills and C++ knowledge to carry forward to additional study and practice.

Prerequisites

Before attending this course, students must have:

- Ability to use computers to start programs, open and save files, navigate application menus and interfaces
- Ability to understand logical concepts such as comparisons
- Understand number theory
- Ability to create, understand, and follow structured directions or step-by-step procedures
- Ability to understand and apply abstract concepts to concrete examples

Course Schedule

| Date | Time | Price | Options |
|------|------|-------|---------|
|------|------|-------|---------|

Why Professional Choose TOPTALENT?

Dedicated Texas-Based Support

Get assistance every step of the way from our **Texas-based team**, ensuring your training experience is hassle-free and aligned with your goals.

3000+ Curated Professional Courses

Access an extensive portfolio of over 3000 courses across IT, Business Application and Leadership – Designed to meet evolving Industry demands

95% Client Approval Rating

Trusted by professionals nationwide our 95% approval rating reflects consistent quality, measurable impact and exceptional service.

Certified Industry Instructor

Learn from professionally certified experts with real world experience and a proven commitment to learner success.

For questions

call:

[\(469\) 721-6100](tel:4697216100)

Email:

info@toptalentlearning.com

[Find More Training](#)

FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.