

Programming in C# (MA-2038)

Price: 2595

Duration: 5 days

Delivery Methods: Virtual

Overview

This course is jumping off point into C# and .NET development and is designed to build a solid foundation in object oriented development using Microsoft technologies. You can then follow this course with courses in web development, desktop development and mobile applications.

Audience Profile

Anyone wanting to learn basic C# programming skills.

At Course Completion

Outline

- An introduction to Development Tools
- How to get started with Visual Studio
- How to get started with Visual Studio Code
- The C# Language essentials
- How to work with numeric and string data
- How to code control structures
- How to code methods and event handlers
- How to handle exceptions and validate data
- How to use arrays and collections
- How to work with dates and strings
- How to debug an app
- Object-oriented programming
- How to create and use classes

How to work with indexers, delegates, events, and operators

How to work with inheritance

How to work with interfaces and generics

How to organize, document, and test your classes

Basic skills for working with data

How to work with file I/O

How to use LINQ

Database programming

An introduction to database programming

How to use Entity Framework Core

How to use ADO.NET to write your own data access code

Creating C# Applications

Windows Forms

Web Sites

Web APIs

Prerequisites

Some background in any programming language and intermediate math skills.

Course Schedule

| Date | Time | Price | Options |
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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.