Master Class: C# Advanced

Category: Software Development & Programming | **Vendor:** Various

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this C# advanced training course, you will expand your skills in advanced C# techniques and learn the basic techniques of the MS platform.

About This Course

You will learn the advanced elements of the language and concepts to work efficiently with .NET. C# includes language features such as events or LINQ that are implemented in other languages with extensive frameworks. Proper use of the programming language increases developer productivity and makes code more readable. The basics of programming include reading and writing files as well as serializing objects and working with XML.

- Components and Assemblies
- Collections and Generics
- LINQ (Language Integrated Query)
- Attributes
- Delegates and Events
- Interoperability with unmanaged code
- Garbage Collection
- Serialization
- Input and output
- Programming with XML
- Debugging and tracing

Who Should Attend

This course is aimed at developers who have already had some experience with C# or who already know Java or C++ very well.

Prerequisites & Entry Requirements

General Prerequisites:

C# Foundation (MSDEV02) or equivalent knowledge

Learning Outcomes

Upon successful completion of this course, participants will be able to:

- Knowledge and advanced techniques of the programming language C#
- Know-how of important basic technologies of .NET
- Designing, creating and maintaining your own programs

Detailed Course Outline

Komponenten und Assemblies

Collections und Generics

LINQ (Language Integrated Query)

Attribute

Delegates und Events

Interoperabilität mit unverwaltetem Code

Speicherbereinigung (Garbage Collection)

Serialisierung

Ein- und Ausgabe

Programmierung mit XML

Debugging und Tracing

Skills You Will Learn:

- Knowledge and advanced techniques of the programming language C#
- Know-how of important basic technologies of .NET
- Designing, creating and maintaining your own programs

Frequently Asked Questions

Q: What delivery options are available for Master Class: C# Advanced?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Master Class: C# Advanced course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Master Class: C# Advanced training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Master Class: C# Advanced?

Yes, we provide corporate training, dedicated training, and closed classes for Master Class: C# Advanced. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Master Class: C# Advanced, C#, MSDEV03

Q: Why choose Nexus Human for Master Class: C# Advanced?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Master Class: C# Advanced training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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