

# Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155)

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

Developing Applications in C# and .Net Core (Intermediate C# / .Net Core) is a lab-intensive, hands-on course designed to provide you with the skills required to take your C# programming skills to the next level. Throughout the course you will explore C# Design Guidelines, Robust Classes, Generics, Lambda Expressions & LINQ, Reflection & Metadata, Resources & Globalization, Basics of Threading and the Basics of Database connectivity.

## About This Course

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## Who Should Attend

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This is an intermediate-level .Net programming course, designed for experienced C# developers

# Learning Outcomes

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

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 to:

Design and implement classes that adhere to SOLID design principles

Understand common design patterns

Implement robust classes with properties, methods, delegates & events

Understand, use, and implement generics

Explore generics in the .Net Framework

Understand and use Language integrated Query (LINQ)

Understand and use Lambda expressions

Build dynamic applications using reflection

Use internationalization to build world friendly applications

Build multithreaded applications

Understand the basics of database access

What's new in .Net Core and C#

## Additional Course Details

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Nexus Humans Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155)?**

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
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## **Q: How many CPD hours does this course provide?**

The 5-day Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155) training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155)?**

Yes, we provide corporate training, dedicated training, and closed classes for Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155). 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.

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## Q: Why choose Nexus Human for Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155)?

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 **PENPALS** when booking your Intermediate C# and .Net Core | Patterns, Generics, Threading, Database, Entity Framework, UI & More (TTCN2155) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

## Nexus Human

### Professional Training & Development

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