

# Unit Testing with JUnit

**Category:** Developer

**Duration:** 16.00 hours (2 days)

**13.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

### Unit Testing with JUnit Course Overview

JUnit is the most popular and widely used Java unit testing framework.

This hands-on course, delivered using JUnit v5, comprises sessions dealing with unit testing, setup, annotations, assertions and assumptions, conditional tests, parameterised tests, stubbing and mocking, Mockito, DAO and Servlet testing, testing multi-threaded code, and TDD.

Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

## About This Course

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## **Prerequisites & Entry Requirements**

### **General Prerequisites:**

## **Requirements**

Delegates attending this course should be familiar with basic programming concepts and have some experience coding with Java at least. Ideally delegates will be competent Java developers who have a good understanding of OO principles and are able to build simple applications that exploit APIs including Collections, IO, and JDBC. This knowledge can be obtained by attendance on the pre-requisite Java Programming 1 / Java Developer course.

JUnit 5 exploits modern Java features including lambda expressions. Some experience or familiarity with such features, therefore, is desirable. These skills can be obtained by attendance on the Java Programming 2 / Java Advanced Developer course.

# Learning Outcomes

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

## Course Objectives

This course aims to provide the delegate with the knowledge to be able to design and code good quality, isolated unit tests with JUnit that exploit all the features of the JUnit framework.

## Additional Course Details

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Nexus Humans, Unit Testing with JUnit 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 ITS Data Analytics 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 Unit Testing with JUnit?**

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 2-day Unit Testing with JUnit course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Unit Testing with JUnit training?**

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Unit Testing with JUnit?**

Yes, we provide corporate training, dedicated training, and closed classes for Unit Testing with JUnit. 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 Unit Testing with JUnit?**

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
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## Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Unit Testing with JUnit 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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