

# Core Spring

**Category:** Developer

**Duration:** 32.00 hours (4 days)

**26.0 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

### Core Spring Course Overview

Spring is the leading Java framework for building enterprise software.

This course comprises sessions dealing with Inversion of Control (IoC), Dependency Injection (DI), Container configuration, Aspect Oriented Programming (AOP), testing, transaction management, Spring Boot, Spring Data JPA, Spring Web MVC, REST APIs, Spring Security, and the Actuator.

It is delivered using Spring v6 and Spring Boot v3 (Java v17) though the vast majority of the content is applicable to earlier versions and the trainer will point out the differences.

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 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. Delegates would also benefit from having some previous experience with Servlet programming. This knowledge can be obtained by attendance on the pre-requisite Java Programming 1 / Java 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 develop (or contribute to) the development of secure Spring web applications/REST APIs that read from and write to persistent storage.

## Additional Course Details

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Nexus Humans, Core Spring 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 Core Spring?**

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 4-day Core Spring course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Core Spring training?**

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Core Spring?**

Yes, we provide corporate training, dedicated training, and closed classes for Core Spring. 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 Core Spring?**

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 Core Spring 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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