

# DevOps Foundation

**Category:** DevOps | **Vendor:** DevOps Institute

**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

The course includes the latest thinking, principles and practices from the DevOps community including real-world case studies from high performing organizations including ING Bank, Ticketmaster, Capital One, Alaska Air, Target, Fannie Mae, Societe Generale, and Disney that engage and inspire learners, leveraging multimedia and interactive exercises that bring the learning experience to life, including the Three Ways as highlighted in the Phoenix Project by Gene Kim and the latest from the State of DevOps report. Learners will gain an understanding of DevOps, the cultural and professional movement that stresses communication, collaboration, integration, and automation to improve the flow of work between software developers and IT operations professionals. The course is designed for a broad audience, enabling those on the business side to obtain an understanding of Kubernetes and Containers. Those on the technical side will obtain an understanding as to the business value of DevOps to reduce cost (15-25% overall IT cost reduction) with increased quality (50-70% reduction in change failure rate) and agility (up to 90% reduction in provision and deployment time) to support business objectives in support of digital transformation initiatives. NOTE: This course will earn you 14 PDUs.

## About This Course

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## Who Should Attend

The target audience for the DevOps Foundation course includes Management, Operations, Developers, QA and Testing professionals such as: Individuals involved in IT development, IT operations or IT service management. Individuals who require an understanding of DevOps principles IT professionals working within, or about to enter, an Agile Service Design Environment. The following IT roles: Automation Architects, Application Developers, Business Analysts, Business Managers, Business Stakeholders, Change Agents, Consultants, DevOps Consultants, DevOps Engineers, Infrastructure Architect, Integration Specialists, IT Directors, IT Managers, IT Operations, IT Team Leaders, Lean Coaches, Network Administrators, Operations Managers, Project Managers, Release Engineers, Software Developers, Software Tester/QA, System Administrators, Systems Engineers, System Integrators, Tool Providers

# Learning Outcomes

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

The learning objectives for DevOps Foundation include an understanding of: - DevOps objectives and vocabulary - Benefits to the business and IT - Principles and practices including Continuous Integration, Continuous Delivery, testing, security and the Three Ways - DevOps relationship to Agile, Lean and ITSM - Improved workflows, communication and feedback loops - Automation practices including deployment pipelines and DevOps toolchains - Scaling DevOps for the enterprise - Critical success factors and key performance indicators - Real-life examples and results

## Additional Course Details

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Nexus Humans DevOps Foundation 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 DevOps Foundation 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 DevOps Foundation?**

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 DevOps Foundation 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 DevOps Foundation 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 DevOps Foundation?**

Yes, we provide corporate training, dedicated training, and closed classes for DevOps Foundation. 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 DevOps Foundation?**

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 DevOps Foundation 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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