DevOps Continuous Testing Foundation (CTF)

Category: Software Development & Programming | **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

Related Exam: Continuous Testing Foundation

Course Overview

This comprehensive course addresses testing in a DevOps environment and covers concepts such as the active use of test automation, testing earlier in the development cycle, and instilling testing skills in developers, quality assurance, security, and operational teams. The course is relevant for every modern IT professional involved in defining or deploying a DevOps testing strategy for their organization, as test engineering is the backbone of DevOps and the primary key for successful DevOps pipeline to support digital transformation. Actionable and exciting exercises will be used to apply the concepts covered in the course and sample documents, templates, tools, and techniques will be provided to leverage after the class. This certification positions learners to successfully complete the Continuous Testing Foundation exam.

About This Course

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Who Should Attend

The target audience for the Continuous Testing Foundation course is anyone involved in defining a DevOps Testing strategy, such as:

- Delivery Staff
- DevOps Engineers
- IT Managers
- Project Managers
- Lab Staff
- Maintenance and Support Staff
- Quality Assurance Managers
- Quality Assurance Teams
- Release Managers
- Testers
- Software Engineers

Prerequisites & Entry Requirements

General Prerequisites:

DevOps Foundation

Learning Outcomes

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

The purpose, benefits, concepts, and vocabulary of DevOps testing How DevOps testing differs from other types of testing DevOps testing strategies, test management, and results analysis Strategies for selecting test tools and implementing test automation Integration of DevOps testing into Continuous Integration and Continuous Delivery workflows How DevOps testers fit with a DevOps culture, organization, and roles

Detailed Course Outline

1 - Course Objectives and Modules, Logistics

2 - What is DevOps Testing and its Business Benefits?

3 - Relation of DevOps testing to other test methodologies

4 - DevOps testing best practices

- DevOps Testing Terminology
- Culture changes
- Organization changes
- Process and team friction
- Motivation strategies
- Measuring Success
- Continuous Evolution
- Troubleshooting

5 - What is the DevOps pipeline?

- DevOps Testing on the pipeline
- Test strategy choices
- Pre-Flight strategies
- Continuous Integration Testing
- System, Delivery and Customer Testing
- Test Environments
- Lab Management
- Topology orchestration

6 - Test Automation Frameworks

- Test Tools
- Selection criterion
- Automated metrics
- Key concepts

7 - Test Case Best Practices & Design Exercise

8 - Principles of DevOps Management

9 - DevOps Test Management Metrics

10 - DevOps Management Tools

11 - DevOps Test Results Analysis

12 - Integrating DevOps Results Analysis

13 - Test Management Exercise

14 - Fictitious Product Test Requirements

15 - Individual Exercise

16 - Class discussion

17 - Exam Preparation

Upcoming Schedule

Available training dates for DevOps Continuous Testing Foundation (CTF):

Start Date	End Date	Location	Delivery	Price
14 Jan 2027	15 Jan 2027	Online	Virtual	€1,495.00

Frequently Asked Questions

Q: What delivery options are available for DevOps Continuous Testing Foundation (CTF)?

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: Which exam does this course prepare me for?

This course prepares you for the Continuous Testing Foundation official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 2-day DevOps Continuous Testing Foundation (CTF) course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DevOps Continuous Testing Foundation (CTF) training?

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

Q: Do you provide corporate training for DevOps Continuous Testing Foundation (CTF)?

Yes, we provide corporate training, dedicated training, and closed classes for DevOps Continuous Testing Foundation (CTF). 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: Why choose Nexus Human for DevOps Continuous Testing Foundation (CTF)?

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 DevOps Continuous Testing Foundation (CTF) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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