

Introduction to Test Automation Essentials (TT3511)

Duration: 8.00 hours (1 days)

6.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Level: Introductory

Delivery Format: Instructor Led - Online

Course Overview

Introduction to Test Automation® is a one-day, hands-on event designed to provide participants with the skills required to develop a custom test automation plan and architecture for their organization. Throughout the course, students will examine and work through various practical examples, learning how to create an integrated test automation plan and develop a test automation architecture.®

About This Course

Introduction to Test Automation is a one-day, hands-on event designed to provide participants with the skills required to develop a custom test automation plan and architecture for their organization. Throughout the course, students will examine and work through various practical examples, learning how to create an integrated test automation plan and develop a test automation architecture. Participants will also learn about the possible real-world challenges they may face while trying to accomplish their goals, exploring the practical positive aspects of engaging their technical team, along with the possible frustrations of experiencing too much isolation between test automators and test designers.

Guided by our expert facilitator, students will:

- Learn the approaches that ensure your current test tools® and new test tools you acquire or develop® will work well with existing testing and application lifecycle software.
- Explore approaches qualitatively and quantitatively measuring the value of automation.
- Develop an integrated test automation plan and architecture specifically for their organization
- Explore proven steps for assessing their current test automation state and defining a future test automation roadmap and architecture
- Get access to templates and examples they can use to draft their own test automation plan
- Leave with a draft plan and architecture that they can begin to implement

While several test automation frameworks will be presented and discussed, this course focuses on helping students assess their current automation state, identify gaps, and develop an automation plan and integrated tool architecture. Students will also explore and receive templates and resources to get them started on their journey toward developing a more comprehensive strategy, plan, and integrated tool architecture. The goal is for attendees to be able to draft a plan specific to their organization so they can get real work done in parallel with the real-time learning experience.

Who Should Attend

The content is appropriate for test automation engineering roles, test manager roles, test lead roles, test architect roles, as well as developer roles getting started with Test Automation.

Prerequisites & Entry Requirements

General Prerequisites:

The content is appropriate for test automation engineering roles, test manager roles, test lead roles, test architect roles, as well as developer roles. This course assumes you have a foundational understanding of testing and the purpose of automation. This course will be beneficial to anyone who is accountable for assessing, planning, designing, and implementing an integrated set of technology (testing infrastructure) that supports development, testing, and deployment.

Learning Outcomes

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

Working in an interactive learning environment, led by our expert facilitator, attendees will learn to:

- Document the current state of test automation in your organization
- Define a custom test automation plan and architecture to fit their situation
- Create an initial implementation plan
- Identify initial key measures
- Develop a metrics dashboard for tracking the value of test automation
- Lay out a future strategy and roadmap to get there

Additional Course Details

Nexus Humans Introduction to Test Automation Essentials (TT3511) 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

Q: What delivery options are available for Introduction to Test Automation Essentials (TT3511)?

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 1-day Introduction to Test Automation Essentials (TT3511) course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Introduction to Test Automation Essentials (TT3511) training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Introduction to Test Automation Essentials (TT3511)?

Yes, we provide corporate training, dedicated training, and closed classes for Introduction to Test Automation Essentials (TT3511). 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: What related terms do people search for?

Popular related searches include: Test Automation

Q: Why choose Nexus Human for Introduction to Test Automation Essentials (TT3511)?

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 Introduction to Test Automation Essentials (TT3511) 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

 Email: info@nexushuman.com

 Website: www.nexushuman.com

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)