Catalog Polteq Training Courses.

Premium software quality.

Want to improve your testing skills?
Polteq can help you with over 30 different technical, practical or certification training courses.

Catalog Polteq Training Courses.

Over 30 different courses.

Polteq is the leading specialist in software quality and Platinum Partner of the international certification institute iSQI (covering ISTQB, TMAP, IREB, and A4Q training programs).

For over 25 years, Polteq has offered a wide range of training courses—from practical certification programs to technical courses in automation.

Our training courses stand out thanks to their unique combination of theory and practice, delivered by seasoned professionals from the field.
This leads to immediately applicable knowledge and high-quality education at a professional level. Besides that, we invest in the didactic skills of our trainers and actively promote knowledge sharing, including through biannual peer review sessions. Our services aim to create the best possible learning experience for participants, fully aligned with their context and the subject matter.

All Polteq trainers are certified and accredited for the courses they deliver.
They combine education with practical test assignments at clients' premises, ensuring they remain in constant contact with the field. At the end of each course, participants receive a personal certificate of completion.

You can register for all our courses online at:
www.polteq.com/en/trainings.
For more information or questions, feel free to email us at:
training@polteq.com.

You can also reach us by phone: +31 (0) 33 277 35 22 (Netherlands) or +32 (0) 16 39 48 04 (Belgium).

Terms and Conditions
The general terms and conditions for training and education services provided by Polteq Test Services B.V. apply. Prices are subject to change.

Polteq Locations
All training sessions take place at our headquarters in Amersfoort, the Netherlands, or at our office in Leuven, Belgium. On request, we can deliver training courses at your location. In addition, our testing courses are available in online and hybrid formats.

Important information:

- **Discount**
  Groups consisting of 3 or more participant from the same company can recieve a group discount starting of 10%.

- **Cancellation**
  Free of charge up to 10 working days before the start date.

- **VAT Exemption**
  All our training courses can be offered VAT-free for individuals or organizations eligible for this option.

We support our clients by:

- Providing highly qualified test professionals at every level and in any context.
- Setting up and executing technical tests such as test automation, performance, security, and mobile testing.
- Implementing and optimizing test processes.
- Implementing and managing software development processes.
- Offering independent advice on all aspects of testing (from organizational structure to staffing, from functional testing to test tooling).
- Delivering requirements engineering and business analysis services.

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Traineeship Software Tester.

Become an all-round software tester in just a few weeks!

The importance of software testers in today's digital landscape cannot be overstated. Testers play a crucial role in determining the quality and suitability of software applications. Software testing is no longer optional. If you want to make a difference in the market, delivering quality is more essential than ever. That's why testing is an indispensable link in the development and delivery of reliable software.

During this intensive traineeship, you will learn to test like a Polteq professional in just a few weeks. Our instructors work at Polteq and come directly from the testing world. They are fully equiped with testing expertise and are happy to share that with you.

Great attention is paid to the fundamentals of software testing, based on frameworks such as ISTQB® and TMAP®. Testing in Agile/Scrum—and less structured—environments is also thoroughly covered. In addition, we pay special attention to the technical aspects of the testing profession. Training days include topics such as mobile app testing, test automation, and Java for testers.

During the traineeship, you will be prepared for the internationally recognized ISTQB Foundation exam, which is included as part of the program. There's also plenty of room to further develop your communication skills and learn all about the services Polteq offers.

Educating employees to become software testers is an eminently smart move for organizations aiming to ensure the quality and reliability of their software applications. Polteq's traineeship offers an effective and efficient way to achieve this. In just a few weeks, employees are trained to become all-round automation testers, which directly benefits the organization. Investing in a traineeship is not only an investment in individual employees, but also in the growth and success of the organization as a whole, with a quick return on investment.

What to expect?

Learn all the essential basics you need as a tester.

Practice your role as a tester in an Agile team.

Learn to write test scripts using test techniques and exploratory testing principles.

Learn to automate tests using Java and Selenium.

Gain practical insights into mobile app testing.

Prepare for the internationally recognized ISTQB Foundation 4.0 exam.

Topics covered include:

- Testing in general: what it is, who does it, and why we do it
- Translating quality risks into a testing approach
- Conducting exploratory testing using tools such as test design techniques and the Goal Focus Approach
- Testing according to the ISTQB standard (Foundation Certificate 4.0)
- Agile testing and DevOps
- Working with SQL, XML, and HTML
- Test automation using Java
- Using Selenium as one of the tools for web-based testing
- Mobile applications and their specific testing approach

Who is this training for?

This course is well-suited for anyone with a higher professional or academic level of thinking (HBO/WO) and an affinity for IT.

Duration of the training: 24 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Traineeship Software Tester.

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester – Foundation Level (CTFL).

Three-day ISTQB CTFL training course.

This training is based on the ISTQB Certified Tester - Foundation Level 4.0 syllabus and covers testing in both sequential models and Agile and DevOps environments.

This three-day ISTQB® Certified Tester Foundation Level v4.0 training provides a general introduction to information systems testing. The goal of the training is to prepare participants for the ISTQB® Foundation v4.0 exam. Key topics include the importance of testing, its relationship to system development, and the activities and approaches to testing in various contexts. The different phases of a testing project are explained, along with several test techniques (both black box and white box). The training also includes additional focus on agile topics such as Agile-related topics such as test-driven development, continuous integration, whole team approach, and shift-left.

The training covers the fundamentals of testing for both test managers and testers. In addition to theory, the course includes a lot of interactive practice, which helps better internalize the material learned. A series of practice exams help the participant to prepare properly for the exam.

At the end of the training, participants receive a voucher that allows them to take the exam either online or in person. The exam is in English and consists of multiple-choice questions. For groups of at least five people, a classroom-based exam can also be arranged.

What to expect?

This training prepares participants for the ISTQB® Foundation v4.0 exam.

A balanced mix of theory and interaction to help absorb the material.

Focus on testing in modern development environments.

Group practice using sample exams.

Voucher provided for online or classroom-based exam upon completion.

Topics covered include:

- The importance of testing, testing in relation to system development methods, and test activities and approaches in any context
- Establishing and monitoring a risk-based test process
- Applying black box test techniques and being introduced to the white box test techniques
- Attention to agile topics such as test-driven development, continuous integration, whole team approach, and shift left

Who is this training for?

This training is intended for people involved in informations system testing: testers, test coordinators, test managers, test consultants, developers, administrators, and project managers.

Duration: 3 days.

After completing the training, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here: Certified Tester – Foundation Level.

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester Advanced Level – Test Analyst (CTAL-TA).

Part of 'Full Advanced Level Testing Professional'.

The ISTQB® Certified Tester Advanced Level – Test Analyst is designed for professionals with extensive experience in the field of software testing. Polteq offers three distinct training courses aimed at obtaining one of the three ISTQB® Advanced certifications:

- ISTQB® Certified Tester Advanced Level Test Manager (CTAL-TM) – 3 days
- ISTQB® Certified Tester Advanced Level Test Analyst (CTAL-TA) – 3 days
- ISTQB® Certified Tester Advanced Level Technical Test Analyst (CTAL-TTA) – 3 days
- Obtaining all three certifications leads to the '*Full Advanced Level Testing Professional*' certificate.

This three-day training prepares participants for the ISTQB® Certified Tester Advanced Level – Test Analyst exam. After completing the course, participants will be able to design and execute functional (black box) tests aligned with the development approach used and based on risk analysis outcomes. The training focuses on functionality, usability, and user experience.

Prerequisite for certification is that the participant has the ISTQB® Foundation certificate. If participants do not yet have this certificate, they may still take the exam, but will not receive the Tester Advanced Level Test Analyst certificate until the Foundation level is obtained.

What to expect?

Preparation for the ISTQB® Certified Tester Advanced Level – Test Analyst exam.

Key topics include Risk-Based Testing, conducting effective reviews, and applying test automation and tools.

Extensive practice with real-world cases and mock exams aligned with the official exam.

Who is this training for?

This training is intended for professionals involved in software testing, such as DevOps and Agile cross-functional team members: developers, business analysts, testers, test analysts, test engineers, test consultants, test managers, and acceptance testers.
It is also suitable for anyone who wants to gain in-depth knowledge of software testing designs, such as product owners, scrum masters, project managers, quality managers, development managers, heads of IT, and management consultants.

Prerequisite: ISTQB® Foundation Certificate.

Duration: 3 days.

After completing the training, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
Certified Tester Advanced Level - Test Analyst

Topics covered include:

Structured design and application of experience-based and black box test techniques Responsibilities of the test analyst in risk-based testing Testing focused on functional quality attributes such as functionality, usability, and user-friendliness Use of test tools to support the work of the test analyst Conducting effective reviews

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester - Artificial Intelligence Testing (CT-AI).

Certification training for testing AI-based software

Artificial Intelligence (AI) has become indispensable in today's society. Developments in AI and AI-based software are evolving at lightning speed, bringing new and unique challenges to the field of software testing. How do you determine whether an AI-based system meets quality requirements when the software is self-learning? How do you integrate the testing of AI-based systems within your organization? How do you set up a test infrastructure when an AI-based system is part of your application landscape and what other testing challenges might you encounter?

This training is based on the ISTQB® Certified Tester AI syllabus and aims to provide participants with practical knowledge of the fundamentals of testing AI-based systems. Topics covered include developments in AI, generating, training, implementing, and testing machine learning systems, AI-related testing challenges, test strategies, test cases, and test infrastructure for AI-based systems. Participants prepare themselves for the ISTQB® Certified Tester AI exam.

At the end of the training, participants receive a voucher that allows them to take the exam either online or in person. The exam is in English and consists of multiple-choice questions. For groups of six or more, a classroom-based exam can also be arranged.

Prerequisite for certification is that the participant has the ISTQB® Foundation certificate. If participants do not yet have this certificate, they may still take the exam, but will not receive the 'ISTQB® Certified Tester AI Testing' certificate until the Foundation level is obtained.

What to expect?

Preparation for the ISTQB® Certified Tester AI exam.

Hands-on exercises to apply theory in practice.

Practising with sample exam questions.

Note: This training involves a heavy self-study workload.

Topics covered include:

- The current state and expected trends of AI
- How to implement and test a Machine Learning model
- The challenges involved in testing AI-based systems
- How testing AI-based systems fits into the overall test strategy
- How to design and execute test cases for AI-based systems
- The infrastructure requirements needed to support testing of AI-based systems

Who is this training for?

This training course is suitable for anyone interested or involved in testing AI-based systems and/or using AI for testing, including testers, test analysts, data analysts, test engineers, test consultants, test managers, user acceptance testers, and software developers. It is also valuable for anyone seeking a basic understanding of testing AI-based systems, such as project managers, quality managers, software development managers, business analysts, operations team members, IT directors, and management consultants.

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 3 days.

After completing the training, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here: Certified Tester - Artificial Intelligence Testing

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester – Testing with Generative AI (CT-GenAI).

Certification training for testing with AI

Artificial Intelligence (AI) has become an integral part of today's society. Developments in AI are happening at a rapid pace. How can you make the most of the opportunities offered by Generative AI, for example by effectively applying prompt engineering to support all software testing activities?

This training is based on the ISTQB® Certified Tester – Testing with Generative AI (CT-GenAI) syllabus and provides test professionals with the knowledge and skills to use generative AI technologies for software testing. The certification training focuses on applying AI in testing processes. What are the fundamental concepts and limitations of using generative AI in testing, and which prompt engineering techniques can you apply in test analysis, design, automation, and reporting? What risks, such as hallucinations, biases, and privacy concerns, can you identify and how can you mitigate them? After this training, you will also be able to contribute to setting up strategies for the acceptance of generative AI and the transformation of testing processes within organizations. In this training, you will learn how to use LLMs and other generative AI techniques in a structured way for all testing activities.

To obtain the certificate, participants must have the ISTQB® Foundation certificate. If participants do not yet have this certificate, they can still take the exam, but will not yet receive the "ISTQB® Certified Tester AI Testing" certificate.

What to expect?

This training prepares participants for the ISTQB® Certified Tester – Testing with Generative AI (CT-GenAI) exam.

The training offers a mix of theory, which is important for the exam, and interaction to help participants master this theory.

Practicing together for the exam using mock exams.

After completing the training, participants will receive a voucher that allows them to take either an online or classroom exam, depending on their preference.

Topics covered include:

- The fundamental concepts and limitations of using generative AI
- Prompt engineering techniques for test analysis, design, automation, and reporting
- Identify and mitigate risks such as hallucinations, biases, and concerns about data privacy
- Gain insight into the application of generative AI solutions for testing
- Strategies for the acceptance of generative AI and the transformation of testing processes within organizations

Who is this training for?

This training is intended for testers, test automation engineers, test managers, developers, and IT leaders who are ready to embrace AI-driven quality assurance practices.

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 2 days.

After completing the training, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB® Certified Tester – Testing with Generative AI

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Test Techniques for Starting Testers.

Master the most common testing techniques!

Whereas testing techniques alone used to be a recipe for achieving good tests, in this day and age this is no longer the case. And yet testing techniques are indispensable for smart and creative testing.

Test techniques are not so much prescriptive as they are supportive in identifying effective test cases. They are especially valuable for beginning testers, helping them make the right choices within a limited timeframe.

Which test cases are most relevant for assessing software quality? This gives novice testers structure and confidence when executing tests.

To use test techniques effectively, practice is key. Through repeated application, testers become skilled at creating strong test cases—where their own creativity and experience, essential for good testing, are enhanced by smart techniques.

This four-day training course is designed to help you master the most common test techniques and apply them in various contexts.

What to expect?

Introduction to the general use of test design techniques.

Practical application of the following techniques:
Data Combination Testing (DCT), Decision Table Testing (DTT), Elementary Comparison Testing (ECT), Process Cycle Testing (PCT), Syntactic Testing (SYN) and Semantic Testing (SEM).

Topics covered include:

- Data Combination Test (DCT)
- Process Cycle Test (PCT)
- Syntactic Test (SYN)
- Semantic Test (SEM)
- Elementary Comparison Test (ECT)
- Decision Table Test (DTT)

Who is this training for?

This training is suitable for novice testers but can also be followed by more experienced testers as a refresher or to deepen their knowledge.

No prior knowledge is required.

Duration of the training: 4 days.

After completing the training, you will receive a certificate of participation.

Find current training dates and locations here:
Test Techniques for Starting Testers

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Technical Skills for Test Professionals.

Make optimal use of supporting tools.

When testing software, knowledge of and experience with supporting tools in addition to typical 'testing skills' is almost indispensable for testers. Consider, for example, interacting with databases by setting up queries (e.g. SQL) or analysing messaging in, for example, Web or chain environments (XML or HTML).

The purpose of this training is to give participants insight into the use of such supporting tools, always from a testing perspective. The goal is not to become a developer. This is primarily a hands-on training. After a brief explanation, participants will actively apply the knowledge they've gained. This course is a vital part of the professional tester's training program.

This training is provided by experienced trainers who work with these tools in real-world testing environments.

What to expect?

A highly practical training focused on applying newly acquired knowledge.

Designed to build knowledge and experience with supporting tools such as SQL and XML/HTML.

Topics covered include:

- Interaction with databases
- Writing queries
- Analyzing message traffic
- Understanding the use of supporting tools

Who is this training for?

This practical training is especially developed for testers with little technical experience.

Duration of the training: 1 day.

After completing the training, you will receive a certificate of participation.

Find current training dates and locations here: Technical Skills for Test Professionals

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with Java/C#.

After the training, you can immediately apply what you've learned in practice.

In today's market, basic knowledge of a programming language is essential for testers. Testers are increasingly involved in automating (regression) tests. Understanding the structure of a programming language also helps facilitate communication with developers. Moreover, testers can better support developers in setting up automated unit tests thanks to their programming knowledge.

The two most commonly used languages are Java and C#. To equip testers with knowledge of one of these programming languages, Polteq has developed this training. Prior to the training, participants indicate which programming language they prefer to use for the exercises.

During this two-day training, you will learn the basics of programming in your chosen language through explanation and a wide range of exercises.
You will also learn how to set up a test framework that suits the selected language (Java: JUnit or TestNG; C#: NUnit, MSTest or xUnit) and how to create and execute automated tests within it. Additionally, you will gain insight into several Object-Oriented Programming (OOP) principles that are applied in test automation.

After the training, participants will receive the course materials digitally, enabling them to immediately apply what they've learned in their own work environment.

What to expect?

A two-day training for testers to gain knowledge and experience with the programming language Java or C#.

Learning through explanations and hands-on exercises.

Topics covered include:

- Setting up a test framework
- Principles of Object-Oriented Programming (OOP)

Who is this training for?

This training is intended for test professionals who have no prior knowledge of Java, C#, and/or object-oriented programming (OOP).

Duration of the training: 2 days.

After completing the training, you will receive a certificate of participation.

Find current training dates and locations here:
Automated Testing with Java/C#

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with JavaScript/ TypeScript.

Polteq has developed a two-day training program.

In today's market, basic knowledge of a programming language is essential for testers.
Testers are actively involved in automating (regression) tests. Understanding the structure of a programming language also enhances communication with developers. Additionally, testers can better support developers in setting up automated unit tests thanks to their programming skills.

One of the programming languages we frequently encounter today is TypeScript. To help testers get started with this language, Polteq has developed a two-day training program.

During this training, you'll learn the basics of programming in TypeScript through explanation and a wide range of exercises.
You'll also learn how to set up a test framework using Mocha and the Chai assertion library, and how to create and execute automated tests within it. Furthermore, you'll gain insight into several Object-Oriented Programming (OOP) principles that are applied in test automation.

After the training, participants will receive the course materials digitally, enabling them to immediately apply what they've learned in their own work environment.

What to expect?

A two-day training for testers to gain knowledge and hands-on experience with the TypeScript programming language.

Introduction to the Mocha test framework and Chai assertion library, including setting up and executing automated tests using these tools.

Learning through explanations and practical exercises.

Topics covered include:

- Typescript
- Mocha
- Chai assertion Library

Who is this training for?

Polteq has developed a two-day training program designed for test professionals who have no prior knowledge of TypeScript and/or object-oriented programming (OOP).

Duration of the training: 2 days

After completing the training, you will receive a certificate of participation.

Find current training dates and locations here:
Automated Testing with Javascript/TypeScript

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with Selenium (Java/C#).

Make your test code readable, maintainable, and extendable.

Automating tests for browser-based software is an effective and efficient way to simplify the frequent testing of web applications and web apps. Since Selenium is an open-source tool that supports multiple languages such as Java, C#, Python, and JavaScript, it can be applied widely and at relatively low cost. An added benefit is that test cases only need to be developed once, after which the tool allows them to be executed across multiple operating systems. However, using Selenium does require some programming knowledge.

In this two-day training, you'll gain hands-on experience by completing a wide range of exercises in your chosen programming language (Java or C#). You'll learn how to set up a test framework (JUnit or TestNG for Java; MSTest, NUnit or xUnit for C#), within which tests and validations are constructed.

Test automation involves more than just executing a test case. It also includes preparing the initial test environment and cleaning up afterward. Participants will learn how to make choices that ensure their test code is readable, maintainable, and extendable.

What to expect?

This training focuses on implementing a structured test automation framework.

The programming language Java is used in combination with the open-source tool Selenium WebDriver.

After the training, participants will receive the course materials digitally, enabling them to immediately apply what they've learned in their own work environment.

Topics covered include:

- Creating readable, maintainable, and extendable test code
- Setting up a test framework

Who is this training for?

This training is intended for anyone who wants to work on implementing a test automation framework.

Prior knowledge: it is highly recommended that participants have knowledge and experience in programming (preferably in Java or C#), but this is not mandatory.

Duration of the training: 2 days.

After completing the training, you will receive a certificate of participation.

Find current training dates and locations here: Automated Testing with Selenium (Java/C#)

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with Playwright (JavaScript/TypeScript).

Learn how to set up and maintain a Playwright project.

Playwright is a popular open-source tool that enables efficient and reliable automation of end-to-end testing for browser applications.
It supports multiple programming languages, including Java, C#, Python, and JavaScript/TypeScript, making it suitable for a wide range of development environments.
A key advantage of Playwright is its ability to run tests more frequently, faster, and across various browsers and operating systems.

In this one-day training, you'll gain hands-on experience with automating end-to-end tests using Playwright, by completing a wide range of exercises in your chosen programming language (JavaScript or TypeScript). The training also covers Playwright tools such as the Test Generator, Trace Viewer, UI mode, and the ability to include API tests in your test suite.

Test automation involves more than just executing a test. It also includes setting up the initial test environment and cleaning up afterward.
This aspect is also addressed in the training, helping participants develop an approach that makes their test code readable, maintainable, and extandable.

What to expect?

After completing this training, participants will be able to automate tests for browser applications using Playwright in combination with the Page Object Model.

Participants will be able to independently set up and maintain a structured Playwright project.

Participants will be able to use various Playwright tools and understand the API capabilities that Playwright offers.

After the training, participants will receive the course materials digitally, enabling them to immediately apply what they've learned in practice.

Topics covered include:

- What is Playwright and what can it do
- Setting up a Playwright project
- Using the various Playwright tools
- Automating tests with Playwright, including verifying test results
- Structuring Playwright tests using Object Oriented Programming and the Page Object Model
- Using the Playwright API tooling

Who is this training for?

This training is intended for anyone who wants to learn how to automate tests with Playwright in a JavaScript/TypeScript environment.

Prerequisites: some practical experience with the JavaScript and/or TypeScript programming languages.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Automated Testing with Playwright (JavaScript/TypeScript)

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with Python.

This training can be followed without any prior knowledge.

In today's market, basic knowledge of a programming language is essential for testers. Python is a popular programming language, and as a result, more and more automated tests are being developed in Python.

To help testers gain proficiency in Python, Polteq has developed a training program that covers the fundamentals of Python, the structured setup of automated tests using the pytest framework, and the widely used front-end testing tool Selenium WebDriver.

During this two-day training, you'll learn through explanation and many hands-on exercises about the following topics:

Introduction to Python
- Setting up a Python project
- Variables and data types
- Methods, parameters, and arguments
- Control flow and comparisons
- Classes: An introduction to Object-Oriented Programming (OOP)

pytest
- Creating tests with pytest
- Performing checks in a test (assertions)
- pytest fixtures and the structured setup of a test framework
- Data-driven tests

Selenium
- What is Selenium
- Locating elements
- Creating tests with Selenium
- Page Object Model and the structured setup of Selenium tests

With this knowledge, testers will be able to contribute to test automation in their daily work.

What to expect?

This two-day training is valuable for test professionals who want to learn more about structured testing with Python, pytest, and Selenium.

After the training, participants will receive the course materials digitally, enabling them to immediately apply what they've learned in their own work environment.

Topics covered include:

- Python
- Pytest
- Selenium
- Object Oriented Programming (OOP)

Who is this training for?

The target audience for this training consists of test professionals who want to learn more about structured testing with Python, pytest, and Selenium.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Automated Testing with Python

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated Testing with API's.

Application Programming Interfaces - Basic Training.

In today's digital world, APIs (Application Programming Interfaces) are the backbone of nearly every application. They connect systems, applications, and devices—from mobile apps to cloud platforms. Understanding APIs is essential for effective collaboration in software projects, enabling integrations, automated testing, and smart data exchange. Whether you work in development, testing, or operations, API knowledge makes you more future-proof and valuable within your team.

In this one-day, hands-on introductory training, you'll learn the fundamental principles of APIs.
You'll discover what (REST) APIs are, how they work, how to use them, and why and how to test them. It's an ideal starting point for testers, developers, functional administrators, and anyone involved in modern software development.

What to expect?

This training serves as a foundation for the courses *Automated API Testing with Postman* and *Automated API Testing with REST-Assured.*

Topics covered include:

- What is a (REST) API?
- Why should you test an API?
- How do you use an API??
- How do you test an API?

Who is this training for?

This training is intended for Business Analysts, Developers, Testers, and Functional Administrators.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Automated Testing with API's

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated API Testing with Postman.

How do you test an API behind an app?

An API (Application Programming Interface) provides a framework for communication between systems.
It delivers the information (content) that an app presents to the end user.

This training explores the risks that make testing services and APIs essential.
Testing is explained step by step using public APIs. What is the best test strategy to follow? What kind of test environment is needed, perhaps even the production environment? Where does API testing end and, for example, mobile app testing begin? Who is responsible for end-to-end testing? These and many other questions are addressed during the training.

We begin with the basic concepts of message architecture in an API, refreshing existing API knowledge or introducing REST APIs for newcomers. Elements such as resources, verbs, state, headers, tokens, and more are explained. These building blocks lay the foundation for starting API testing. Through demos, examples, and exercises, participants gain practical knowledge and learn to identify common risks associated with interfaces.

The course is designed to improve skills in API testing, enabling participants to provide more efficient and effective feedback to their development teams. How do you test whether an API is user-friendly, scalable, performs at an acceptable level, and is secure?

During a hands-on workshop, participants learn how to design and implement a test strategy.
The use of tools to compare different versions of APIs and resources is also covered. Participants learn how to use headers and tokens, write JavaScript to automate tests with assertions, and perform performance testing.

In addition to theory, the workshop includes practical exercises. Each exercise focuses on a different API and various implementation approaches. Participants learn to identify specific weaknesses and risk factors in APIs and apply techniques to mitigate these risks.

What to expect?

Clear explanations and hands-on training.

A dynamic course that builds API testing knowledge with strong alignment between theory and real-world practice.

A deep dive on the second day for advanced understanding.

Topics covered include:

- This training focuses on the risks that make testing services and APIs necessary
- Testing REST APIs is explained step by step in this course. Which test strategy is best to follow? What test environment is needed?
- Introduction to API concepts
- How to test a REST API
- Lessons learned
- What to learn next?

Who is this training for?

The training is intended for IT professionals involved in (selecting and) testing mobile apps, testing APIs, or testing cloud services.

Prerequisites: Practical experience with testing and knowledge of APIs is recommended. Participants are asked to bring a laptop if possible.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Automated API Testing with Postman

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Automated API Testing with Rest Assured.

Learn how to set up and maintain an automated test framework using Rest Assured.

Nowadays, APIs are used in nearly every IT project. Sometimes they are developed specifically for the project, while in other cases existing APIs are integrated. In both scenarios, it is crucial to verify that the APIs function correctly. But how do you approach this?

This one-day training focuses on structured API testing from both a functional and technical perspective. While the emphasis is on REST APIs, the concepts discussed are also applicable to other types of APIs. We begin by identifying what needs to be tested and why it's important to execute these test cases. Then, we'll collaboratively set up an automated framework to run the tests consistently.

The training starts with executing individual requests on an API. Throughout the day, the tests and the accompanying framework will be gradually expanded. We'll cover specific checks relevant to API testing and focus on building a maintainable test framework.

What to expect?

This training addresses the risks that make testing services and APIs essential.

Learn how to set up and maintain an automated test framework.

REST API testing is explained step by step, including guidance on choosing the right test strategy and environment.

This training addresses the risks that make testing services and APIs essential.

Learn how to set up and maintain an automated test framework.

A hands-on training using Java and Rest-Assured to perform API testing.

Topics covered include:

- Structured testing of APIs
- Which test strategy is best to follow?
- What test environment is required?

Who is this training for?

The training is intended for IT professionals involved in (selecting and) testing mobile apps, testing APIs, or testing cloud services.

Participants are encouraged to bring a laptop if possible.

Prerequisites: practical experience with testing and knowledge of APIs.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find training dates and locations here:
Automated API Testing with Rest Assured

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Behaviour Driven Development (BDD) with Cucumber.

Business analysis, development and test automation all in one.

More and more software development teams are adopting agile ways of working. In this context, it's crucial to develop clear specifications and tests more quickly and effectively. BDD (Behavior Driven Development) supports teams in this process. BDD is a shift-left approach in which business stakeholders/analysts, testers, and developers collaboratively define specifications/requirements in their domain-specific language based on User Stories. Through this collaboration and the use of examples, a shared understanding is created. The resulting specifications/requirements also serve as executable tests. These tests can then be directly automated using tools like Cucumber.

Using Java/Cucumber
The test-first approach ensures that tests are written first—by business stakeholders/analysts, testers, and developers in their domain-specific language—before any code is written. The final system must meet these predefined tests, which must be executed successfully.

This shared understanding ensures that everyone—business stakeholders/analysts, testers, and developers—clearly knows what a User Story must fulfill. Thanks to the test-first approach, the exact specifications/requirements are known to all parties in advance.

What to expect?

You'll learn how BDD supports and guides the analysis of requirements and how this analysis aligns with writing test scripts.

You'll explore the ideas behind the 'Three Amigos' and their practical benefits and pitfalls, and you'll get hands-on experience writing effective Gherkin/Feature files that you can immediately apply in practice.

You'll learn how to keep documentation 'living' and how to automate both Feature Files and Scenarios using Java/Cucumber.

Topics covered include:

- Describing the expected behavior of the system
- Applying Gherkin scenarios (given ..., when ..., then ...)
- Automating Gherkin scenarios

Who is this training for?

Prerequisites: participants must be able to write basic Java/C#.

Participants are requested to bring a laptop to the training if possible.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Behaviour Driven Development with Cucumber

○ Certification training ✓ Technical training ○ Test improvement training ✓ Practical training

Load and Performance Testing.

What do you need to conduct a performance test?

This one-day training provides a general introduction to performance testing of systems.
Key topics covered include the importance of performance testing, what is required to conduct a successful performance test, and the overall process surrounding performance testing.

In addition to theory, this training also focuses on the practical aspects of load and performance testing. Participants will work with the open-source tool JMeter and the browser developer tools. After a brief introduction, they will create scripts using JMeter and browser developer tools. The training also covers how to evaluate test results.

By the end of this training, participants will understand what a performance test involves, what is needed to execute one, and how to create a script in JMeter.

What to expect?

The training provides insight into what performance testing entails. .

Various types of performance tests are discussed.

Attention is given to the necessary tools, and alongside theory, participants will engage in hands-on practical exercises.

Topics covered include:

- The importance of performance testing
- The six pillars of performance testing
- How the performance testing process works
- Introduction to JMeter and browser developer tools

Who is this training for?

The target audience for this training consists of test professionals who have little or no knowledge of load and performance testing.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Load and Performance Testing

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

User Acceptance Testing.

Testing information systems from the user's perspective.

Acceptance testing of new or user-customized software is often treated as an ad-hoc activity. User Acceptance Testing (UAT) frequently loses priority to day-to-day demands. Yet it remains a crucial activity, as the responsibility for verifying the correct functioning of the software within the use case cannot rest solely with the supplier or IT department. For this reason, Polteq has developed the User Acceptance Testing training.

This one-day training covers the specific aspects of structured acceptance testing. It offers a general introduction to testing information systems from the user's perspective. The goal of the training is to provide participants with insight into the importance of (acceptance) testing, to place testing in the context of custom and off-the-shelf system development, and to build knowledge of the basic steps involved in structured acceptance testing. The training also highlights techniques that support acceptance testing from a business perspective, such as exploratory and checklist-based testing.

What to expect?

A general introduction to testing information systems from the user's perspective.

Insight into the role of acceptance testing across various development models.

Guidance on setting up a test approach for acceptance testing, with specific focus on exploratory and checklist-based testing, including execution, completion, and reporting.

Topics covered include:

- Exploratory testing
- Checklist-based testing
- Designing a test approach
- Test execution
- Test closure
- Reporting

Who is this training for?

The training is primarily intended for users who perform the role of tester. In addition, it is recommended for testers and test coordinators who support the user organization in conducting the User Acceptance Test.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: User Acceptance Testing

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Exploratory Testing with the Goal Focus Approach Methodology.

GFA methodology that supports and strengthens the process.

In testing, the focus is increasingly shifting entirely toward test automation. This often overlooks the limitations of automation. Automated tests can only verify expected behavior. Yet with software products of any complexity, there's a high chance of unintended and faulty behavior that's difficult to predict. Relying solely on automation means we're likely to miss this unwanted behavior—simply because we're not looking for it. As a result, critical and 'unexpected' bugs may only be discovered once the product is live.

True quality testing happens when, alongside automation, the product is explored and challenged creatively by human ingenuity. This means not only checking whether the product does what it's supposed to do, but also whether it behaves unexpectedly or lacks robustness. By skillfully exploring the product, you truly get to know it—and uncover behavior that could be highly undesirable in production. Exploratory testing also feeds automation with valuable new test ideas for solid regression testing, making you a far more valuable asset to your team.

This is the domain of the creative, human tester—this is the domain of Exploratory Testing!
Polteq has developed the Goal Focus Approach methodology to support and enhance this creative process.

In this training, you'll interactively discover what you didn't yet know about exploratory testing. In addition to theory, you'll develop professional exploratory testing skills through extensive hands-on exercises with a real product.

The Exploratory Testing training is available in one-, two-, and three-day formats with multiple content variations. If you're unsure which version suits you best, feel free to contact us.

What to expect?

You'll learn practically applicable theory and immediately apply this theory in extensive exercises using a challenging Lego Mindstorms product.

You'll learn to engage your creative right brain in testing—making testing more effective and more enjoyable.

After the training, you'll be able to explain to skeptics the difference between professional exploratory testing and random 'monkey' testing.

Topics covered include:

- Using heuristics
- Generating test ideas through the Goal Focus Approach methodology and creating test charters
- Efficient reporting of test results

Who is this training for?

Intended for both novice and experienced testers working in Agile teams, such as test automation engineers, product owners, scrum masters, test coordinators, and test managers.

Duration of the training: 1, 2 or 3 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Exploratory Testing with the GFA Methodology

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Advanced Agile Quality.

A practical, hands-on agile training with a focus on quality.

As agile working becomes increasingly common—both in the Netherlands and internationally—the need for a stronger focus on quality within agile teams continues to grow. Polteq has responded to this by developing a three-day, highly practical training that targets this critical aspect.

In an agile team, quality is the responsibility of the entire team—not just the tester(s). Quality goes beyond delivering high-quality incremental software products. It also includes the quality of the team's working methods, composition, and dynamics. Key topics such as built-in quality, the first-time-right principle, alignment with the company's quality strategy, and effective collaboration and communication within the team and with stakeholders deserve focused attention. Equally important are continuous improvement practices and soft skills like communication and teamwork, which are essential to the success of any agile team.

This training emphasizes doing and experiencing. It's not a theoretical lecture on how agile should be done, but a hands-on training where participants actively engage through discussions, case work, and practicing newly learned skills across three iterations using Lego Mindstorms.

This advanced training requires several years of experience working in agile teams. Thanks to its flexible structure, the depth and content of discussions can be easily tailored, making it a valuable refresher and deepening experience even for highly experienced agile team members.

What to expect?

You'll learn practically applicable theory and immediately apply it in extensive exercises using a challenging Lego Mindstorms product .

You'll gain broad insight into quality within an agile team—covering product, process, and team dynamics.

Strong focus on the essential soft skills needed in agile teams.

Opportunities to share and learn from the experiences of other participants.

Topics covered include:

- Helping to define a quality strategy and a test (automation) approach
- Using the 3C concept and applying INVEST to improve the quality of user stories, and using Behavior Driven Development to create better acceptance criteria
- Improving the way of working in agile teams by focusing on effective demos and retrospectives, and by using artifacts such as a Definition of Ready (DoR) and Definition of Done (DoD)
- Enhancing communication and collaboration within the agile team and with stakeholders
- Aligning manual and automated testing

Who is this training for?

(Managers of) experienced members of agile teams, as well as experienced test and quality specialists who want to deepen their knowledge of working in agile teams and contribute more effectively to quality within an agile environment.

Prerequisites: at least 2 years of experience in an agile team.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice..

Find current training dates and locations here: Advanced Agile Quality

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Hands-on Mobile App Accessibility Testing.

Introduction to the fundamentals of digital accessibility

Digital accessibility of mobile apps is becoming increasingly important. One in four Dutch people has a disability that can affect the use of digital products. Think of visual, motor, auditory or cognitive limitations. In addition, legislation requires organizations to make their digital services - including mobile apps - accessible to everyone. Accessibility is therefore both a social responsibility and a legal necessity.

In addition to theory, the training focuses primarily on practice. Participants work hands-on with phone settings such as screen readers and larger fonts, and with tools such as external keyboards and contrast checkers. Through realistic assignments, they discover accessibility issues and learn to effectively detect and assess them.
The training was developed in partnership with Abra, the expert in digital app accessibility.
The two-day Digital Accessibility of Mobile Apps training provides a clear introduction to the basics of digital accessibility and shows how what are the most common accessibility issues within mobile apps. It also covers the Web Content Accessibility Guidelines (WCAG), the international standard that organizations have to deal with.

The training consists of one physical training day and four online sessions of two hours each, focused on questions, guidance and in-depth study.

Participants receive in addition:
- Access to our Slack community for questions
- Two months access to the Abra tooling and knowledge base
- Two months of 2 hours of online coaching every two weeks

What to expect?

Understanding different types of constraints and their impact on the user experience.

Social relevance, legal obligations and the impact of 1 in 4 Dutch people living with a disability.

Explanation of key guidelines and success criteria that apply to apps.

Participants conduct their own tests on mobile apps and recognize common accessibility issues.

Practical tools to work independently with Abra after the training to find accessibility issues manually and automatically.

Topics covered include:

What is a limitation? Why digital accessibility? Practical testing with tools Introducing WCAG for mobile apps Hands-on assignments Automated testing with Abra tooling Testing with screen readers (TalkBack and VoiceOver) - Testing with an external keyboard - Testing color contrast with a contrast checker

Who is this training for?

This training is designed for testers, developers, designers and anyone working on mobile apps who wants to learn in practice how digital accessibility works.

After completing the course, participants will understand the importance of accessibility and will be able to test mobile apps in a structured and effective manner.

Duration of the training: 16 hours.

Knowledge of usability or accessibility is useful.

Find current training dates and locations here:
Hands-on Mobile App Accessibility Testing

Certification training · Technical training · Test improvement training · Practical training

ISTQB® Certified Tester Advanced Level – Technical Test Analyst (CTAL-TTA).

Part of the 'Full Advanced Level Testing Professional' program.

The ISTQB® Certified Tester Advanced Level Technical Test Analyst certification is aimed at professionals with substantial experience in the field of software testing. Polteq offers three distinct training programs designed to prepare participants for one of the three ISTQB® Advanced certifications:

- ISTQB® Certified Tester Advanced Level Test Manager (CTAL-TM) – 3 days
- ISTQB® Certified Tester Advanced Level Test Analyst (CTAL-TA) – 3 days
- ISTQB® Certified Tester Advanced Level Technical Test Analyst (CTAL-TTA) – 3 days

Obtaining all three certifications leads to the '*Full Advanced Level Testing Professional*' certificate.

This three-day training prepares participants for the ISTQB® Certified Tester Advanced Level Technical Test Analyst certification.
By the end of the training, participants will be able to design and execute structured (white-box) tests, particularly focused on non-functional quality attributes such as performance, security, and maintainability. They will also gain insight into the key role of the technical test analyst in areas such as test automation and static and dynamic analysis.

Prerequisite for certification is that the participant has the ISTQB® Foundation certificate. If participants do not yet have this certificate, they may still take the exam, but will not receive the Tester Advanced Level Technical Test Analyst certificate until the Foundation level is obtained.

What to expect?

Learn to select and apply test techniques, primarily for white-box testing, and effectively use test tools.

Extensive practice with puzzles, games, and mock exams closely aligned with the official exam.

Thorough preparation for the ISTQB® Certified Tester Advanced Level Technical Test Analyst exam.

Topics covered include:

Tasks of the Technical Test Analyst in risk-based testing · Structure-based testing · Analytical techniques · Testing of technically related quality attributes · Test tools and automation

Who is this training for?

**This training is intended for software testing professionals such as testers, test analysts, test engineers, test consultants, test managers, acceptance testers, and developers.
It is also suitable for anyone who wants to gain in-depth knowledge of software test design, such as project managers, quality managers, development managers, business analysts, heads of IT, and management consultants.**

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 3 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB Advanced Level - Technical Test Analyst

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester Advanced Level - Test Manager (CTAL-TM).

Part of the 'Full Advanced Level Testing Professional' program.

The ISTQB® Certified Tester Advanced Level Technical Test Analyst certification is aimed at professionals with substantial experience in the field of testing.Polteq offers three training programs focused on obtaining one of the three ISTQB® Advanced certifications:

- ISTQB® Certified Tester Advanced Level Test Manager (CTAL-TM) – 3 days
- ISTQB® Certified Tester Advanced Level Test Analyst (CTAL-TA) – 3 days
- ISTQB® Certified Tester Advanced Level Technical Test Analyst (CTAL-TTA) – 3 days

Obtaining all three certifications leads to the '*Full Advanced Level Testing Professional*' certificate.

After completing this highly interactive training, participants will be able to set up and manage a test project across various software development environments by applying appropriate test management processes. They will be able to create and present a complete business case outlining the costs and benefits of all test activities to stakeholders.

This training will learn participants to plan all test activities, including the necessary test infrastructure. They will be able to identify test stakeholders, manage quality risks throughout the test project, and use the results to steer testing toward achieving the test objectives. The training also covers how to continuously monitor test progress and report it to project stakeholders.

Participants will also learn how to assemble and lead a test team capable of executing the test project across different environments, test levels, and conditions. Attention is also given to identifying and developing the required skills within the test team. Additionally, participants gain practical insights into the test manager's leadership role in improving test processes at various levels. The training also includes creating defect reports and setting up a defect workflow suitable for the software development lifecycle.

What to expect?

An interactive and thorough preparation for the ISTQB® Certified Tester Advanced Level Test Manager exam.

A continuous case study to apply the theory in practice.

Topics covered include:

Test process • Test management activities • Testing context • Stakeholder management • Defect management • Reviews • Test process improvement • Test tools • Skills and team composition • Practice questions and mock exam

Who is this training for?

Intended for software testing professionals such as testers, test analysts, test engineers, test consultants, test managers, acceptance testers, and developers. The training is also suitable for anyone who wants to gain in-depth knowledge of managing software testing, such as project managers, quality managers, development managers, business analysts, heads of IT, and management consultants.

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 3 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB Advanced Level - Test Manager

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester – Mobile Application Testing (CT-MAT).

A theoretical introduction to testing mobile applications.

The use of mobile apps has become an integral part of modern life. They are increasingly important for both businesses and users. As such, it's essential that these apps meet high quality standards and align with customer expectations. This applies to native, hybrid, and web apps alike. As a tester, you need to pay attention to the specific aspects involved in testing mobile applications, such as:

- Using analytics data as input for your test strategye.
- Testing non-functional characteristics specific to mobile apps, such as app store approval, localization, battery usage, permissions, and input methods.
- Evaluating the app's usability—both functionally and from a UX perspective.
- Applying personas and heuristics to design and execute tests.
- Navigating the world of development platforms and tools, emulators and simulators, and setting up a test lab.

This two-day ISTQB® Certified Tester Mobile Application Testing training provides a theoretical introduction to mobile app testing, complemented by hands-on practical assignments that can be performed on your own Android phone. Android devices will be available for those who don't have one.

Participants will also take several mock exams to prepare thoroughly for the certification test.
Prerequisite for certification is that the participant has the ISTQB® Foundation certificate. If participants do not yet have this certificate, they may still take the exam, but will not receive the Mobile Application Testing certificate until the Foundation level is obtained.

What to expect?

This training prepares participants for the ISTQB® Certified Tester Mobile Application Testing exam.

A mix of essential theory and interactive learning to help internalize the material, with a focus on mobile testing in modern development environments.

Group practice sessions using mock exams to get ready for the certification.

Topics covered include:

Testing specific non-functional characteristics of mobile apps Using analytics data Using personas and heuristics Testing the usability of the app

Who is this training for?

This training is intended for anyone involved in testing mobile applications, including testers, developers, and administrators.

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB - Mobile Application Testing

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester - Test Automation Engineer (CT-TAE).

An in-depth exploration of specific test automation topics.

The ISTQB® Certified Tester Test Automation Engineer certification is part of the 'specialist' stream within the ISTQB® certification framework. Modules in this stream provide in-depth coverage of specific testing topics.

Training objectives:

- Contribute to the development of a plan to integrate automated testing into the test process
- Evaluate which test automation tools best fit the project and organization
- Approach the design of a test automation architecture and understand the methodologies involved
- Design and develop new (or updated) test automation solutions that meet business requirements
- Facilitate the transition from manual testing to an automated approach
- Create automated test reports and collect relevant metrics
- Manage and optimize test code to improve maintainability and handle evolving (test) systems

Prerequisite for certification is that the participant has the ISTQB® Foundation certificate. If participants do not yet have this certificate, they may still take the exam, but will not receive the Tester Advanced Level Test Analyst certificate until the Foundation level is obtained.

What to expect?

This training prepares participants for the ISTQB® Certified Tester Test Automation Engineer exam.

A balanced mix of theory—essential for the exam—and exercises to help internalize the material.

Practice exams prepare participants for the exam.

Topics covered include:

- Designing a test automation architecture
- Developing and implementing test automation solutions
- Integrating automated testing into the overall test process

Who is this training for?

This training is intended for professionals who are at an advanced stage in their careers and wish to further develop their expertise in test automation.

Prerequisites: ISTQB® Foundation Certificate and sufficient practical experience with test automation.

Duration of the training: 3 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB Certified Tester Test Automation Engineer

Certification training | Technical training | Test improvement training | Practical training

ISTQB® Certified Tester – Usability Testing (CT-UT).

The importance of user-friendly software.

The use of software and applications is becoming increasingly important for businesses.
When software fails to deliver what the user expects (effectiveness), requires too many steps or delivers results too slowly (efficiency), or provides the expected outcome but leaves the user dissatisfied (satisfaction), we are dealing with usability problems.

As software usage plays a growing role, usability rightly receives more attention.
Usability Testing is a key aspect in evaluating and determining the usability of a software application.
In this two-day ISTQB® Certified Tester – Usability Testing training, you'll learn the fundamentals of usability testing, focusing on:

- Usability as the direct interaction between the user and the system
- User experience, which includes the perceived service before and after using the system.
- Accessibility, aimed at enabling use by individuals with (for example) visual or auditory impairments.

The training also covers topics such as:

- The context in which usability testing should be placed (human-centered design).
- The use of usability evaluation techniques such as usability reviews, usability testing, and user surveys.
- Choosing the appropriate techniques for different situations.

What to expect?

This training prepares participants for the ISTQB® Certified Tester – Usability Testing exam.

Group practice sessions using mock exams to support exam readiness.

Topics covered include:

- Integrating usability testing into the design process
- Testing the direct interaction between user and system
- User Experience (UX)
- Accessibility

Who is this training for?

This training is intended for anyone involved in usability testing, including testers, developers, and administrators.

Prerequisite: ISTQB® Foundation Certificate.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
ISTQB Certified Tester – Usability Testing (CT-UT)

Certification training | Technical training | Test improvement training | Practical training

TMAP - Quality for Cross-Functional Teams.

Follow the latest trends in the Agile and DevOps world

A three-day TMAP training for DevOps Test and Quality Engineers, aligned with the latest trends in the DevOps world.

DevOps is a hot topic in the software quality domain. But what exactly is it? Is it the next step after CI/CD—'automate everything'? Is it about team composition, pairing, and mobbing? Or is it, like Scrum, something every organization interprets in its own way? Is DevOps simply Scrum 2.0?

We can confidently answer 'yes' to all of these questions. But only when all of them are true can DevOps be successfully implemented. DevOps is about Culture, Automation, Lean agile processes, Measurement and continuous improvement, and Sharing knowledge—summed up as CALMS.

For every tester working in modern development models within Agile or DevOps, this has consequences. The tester is no longer just a Test Engineer—the role is evolving into that of a Quality Engineer: the team member responsible for maintaining and improving quality in Product, Process, and People. Starting from Business Analysis, through development and TDD, CI/CD via BDD and ATDD, to Business Value testing and the question: 'What truly helps the customer?'

This is a new development that calls for a re-evaluation of our role. What is it, and who am I in this world? What does it mean for me?

This new DevOps training offers a toolkit to help you navigate the (new) DevOps landscape with confidence.

What to expect?

Quality engineering as an integral part of a cross-functional team.

Applying the VOICE model.

Experience-based and coverage-based testing techniques.

A continuous case study to apply the theory in practice.

Topics covered include:

- Quality engineering as part of a cross-functional team
- Applying the VOICE model
- A continuous case study to apply theory in practice
- Insight into implementing DevOps and enforcing and demonstrating quality within it

Who is this training for?

This training is intended for anyone working in or wanting to learn more about a DevOps environment. It is primarily designed for Test and Quality Engineers, but also highly suitable for business analysts, scrum masters, developers, users, and administrators. In fact, it is relevant for anyone working in or collaborating with a cross-functional team.

Duration of the training: 3 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
TMAP - Quality for Cross-Functional Teams

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Practical Coordination of Testing.

Practical guidance for test coordinators.

Based on our own experience, Polteq has developed a training course focusing on the coordination activities needed in any testing context—from sequential to iterative and incremental models.
This training covers multiple aspects. On one hand, it addresses subject-specific aspects such as managing and coordinating with team members. On the other hand, it explores the human side of coordination: building bridges between stakeholders and supporting others in their contributions to the project, sprint, or iteration.

During this two-day test coordination training, participants receive practical tools, tips, and tricks through interactive instructions and extensive hands-on exercises to help them perform their coordination tasks as effectively as possible.

This training is not designed for participants to individually 'reinvent the test coordination wheel', but rather to provide ample opportunity for participants to benefit from Polteq's experience and from each other's experience.

What to expect?

For anyone looking for tips on coordinating and directing activities in testing.

The training covers the responsibilities of test coordination and the capabilities of a tester performing coordination tasks, both subject-specific and team-oriented.

Opportunity to practice skills and exchange experiences.

Topics covered include:

- Efficiently and effectively setting up and coordinating a test
- Coordinating testing within the applied development approach
- Understanding relevant soft skills
- Forming and coaching a (test) team

Who is this training for?

This training is intended for testers who perform coordinating activities in their work and are looking for practical tools to improve their effectiveness.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Practical Coordination of Testing

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

End to End (E2E) Testing.

Testing across the boundaries of systems and organizations.

Systems are becoming more complex, increasingly interconnected, and automation is increasingly permeating everyday life and processes within and beyond organizations. Agile development, SOA, Cloud, and outsourcing make testing the consistency of systems more complex and critical. systems even more complex and critical.

Interface testing and system integration testing are already well-established practices.
However, they do not fully cover the key risks related to the connection between processes, actual usage and the systems involved. End-to-End (E2E) testing—evaluating the consistency between the entier system and the end user processes across the entire system landscape and the final business processes—is essential to address those risks.
E2E testing is different from system testing or even system integration testing.

- Often, there is no clear or complete test basis available for E2E testing, and testers must identify the relationship between proccesses and system landscapes autonomously.
- Traditional test design techniques are insufficient for E2E scenarios.
- The E2E test team includes not only testers but also experienced users, administrators, and designers.
- Conventional planning techniques are unsuitable for E2E testing due to the high number of variables.

This two-day training dives deep into these and other aspects of E2E testing. The training is based on Polteq's proprietary E2E testing approach. Using realistic case studies—possibly provided by participants themselves—is the most important activities are practiced in a hands-on setting.

What to expect?

In-depth coverage of the core aspects of E2E testing, including testers, test basis, test case design, and planning techniques.

The training is built around Polteq's E2E testing approach.

Topics covered include:

E2E testing vs. chain testing · How to design an E2E test · Which risks are covered by an E2E test · How to organize an E2E test

Who is this training for?

The training is intended for anyone who is involved in testing complex, system and organizational processes.

Prerequisite: experience in the testing field.

Duration of the training: 2 days.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
End to End (E2E) Testing

○ Certification training ○ Technical training ✓ Test improvement training ✓ Practical training

Context Driven Test Improvement.

Optimizing software development processes.

Classic Test Process Improvement models no longer fit most organizations one-to-one. A more flexible approach to test improvement is needed.

Along with the use of solutions like web technologies, cloud computing, and mobile applications, the way systems are developed, tested, and managed is changing drastically. Agile/Scrum, continuous integration/delivery, DevOps, and Context-Driven Testing have become the norm. Effective test automation is essential in these contexts.

The TI4 approaches and Context-Driven Test Improvement supports the selection and—most importantly—the continuous application of the most suitable strategies. Test improvement is determined by the specific IT context. Sometimes, an excisting model such as TPI® Next, TI4Agile, or TI4Automation can be applied directly. In other cases, a combination of models and heuristics may be more appropriate.

This one-day training begins with a brief introduction to the most popular test improvement models, then focuses on the process of selecting, assessing, and especially implementing improvements. Practical application is the central focus throughout.

What to expect?

Introduction to the most popular test improvement models.

In-depth coverage of the selection, assessment, and implementation process for test improvements. Strong emphasis on practical application.

Topics covered include:

- What are the phases of a standard change model
- Different development models
- What is an improvement model and what is 'model-less' test improvement
- Differences between test improvement models: TPI Next, TMMi, Ti4
- Choosing the right approach for each situation

Who is this training for?

The training is intended for professionals who are involved in optimizing their software development processes and are looking for tools to support this. This may include test managers, test coordinators, test consultants, testers, SPI consultants, QA managers, and IT managers, as well as developers, designers, and product owners. In fact, it's suitable for anyone who has or will have anything to do with testing within the organization.

Prior knowledge of test improvement models is useful but not required.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
Context Driven Testverbetering

○ Certification training ○ Technical training ✓ Test improvement training ✓ Practical training

TI4Agile: Optimizing Tests within Agile Environments.

From structured and iterative approaches to testing in Agile.

More and more organizations are adopting Agile practices, often in combination with Scrum. One important change is that testing has become a role that to some extent is fulfilled by every member of an Agile team. Another feature of Agile is the strong focus on delivering fully functional pieces of system within relatively short timeframes.

These and many other features form the foundation of Test Improvement for Agile (TI4Agile), Polteq's approach to improve testing in Agile environments. To begin, this approach includes an assessment model to objectively identify improvement opportunities for Agile testing. In addition, the approach is full of improvement suggestions to help, step by step, the organization master and then optimize Agile testing. Employees who adopt Agile norms and values contribute optimally to testing in an Agile context.

Participants in the 'TI4Agile' training will become familiar with the approach and learn to recognize organizations that:

- Are well-prepared to adopt Agile (structured testing is already in place)
- Have mastered iterative working
- Successfully apply Agile testing in both theory and practice

These are the three phases of Agile testing in the TI4Agile approach. The training then focuses on identifying the improvement actions needed to help an organization progress to the next phase.

This training is best suited for participants with appropriate knowledge of and experience with testing.
Familiarity with Agile practices is not required, but it is helpful.

What to expect?

Introduction to Polteq's approach to improve testing in Agile environments.

A wide range of improvement suggestions to help organizations master and optimize Agile testing.

Topics covered include:

- What is Agile
- Assessment-model
- Iterative working
- SCRUM
- Assessment-process

Who is this training for?

This training is intended for professionals involved in implementing or optimizing Agile practices. These may include test managers, test coordinators, test consultants, testers, SPI consultants, QA managers, and IT managers — as well as testers, developers, designers, and product owners. In fact, anyone who has or will have anything to do with testing in and around an Agile team.

Prerequisites: knowledge of and experience with testing.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
TI4Agile:
Optimizing Tests within Agile Environments

○ Certification training ○ Technical training ✓ Test improvement training ✓ Practical training

TI4Automation: Successful Automated Testing.

Optimizing Test Automation.

The Polteq approach 'Test Improvement for Automation (TI4Automation®)' is the method that provides insight into the extent to which test automation supports the software development process. TI4Automation also helps identify potential improvement steps within the test automation process, enabling more effective use of automation.

The strength of the model is its division into focus areas, checkpoints, maturity levels, and improvement steps. TI4Automation looks at the context of test automation, including the test environment(s), the workflow within development, and existing tools, knowledge, and skills. TI4Automation enables you to actually achieve the goals of test automation.

The aim of this one-day training is to provide insight into how TI4Automation can be applied to successfully improve test automation. Participants will not only receive an explanation of the improvement model but will also engage in exercises to understand its practical application. There is ample opportunity for questions, allowing participants to bring in their own practical situations.

What to expect?

This training covers the TI4Automation approach, which assesses whether an organization is ready for automated testing.

Participants gain insight into the steps, prerequisites, and pitfalls of improvement initiatives.

Includes exercises and practical tools to apply the theory in real-world situations.

Topics covered include:

- Get to know the Polteq approach for improving automated testing
- How to set targeted improvement goals for automated testing
- How to create and complete a TI4Automation Roadmap

Who is this training for?

This training is intended for anyone interested in optimizing automated testing.

Prerequisites: Knowledge of and experience with test automation.

Duration: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
TI4Automation: Successful Automated Testing

Certification training | Technical training | Test improvement training | Practical training

iSQI – A4Q Certified Agile Business Analysis (CABA).

Internationally recognized certification for agile testers.

As agile working has become common practice in many organizations, one might assume the role of Business Analyst (BA) is no longer needed. However, the opposite is true: a BA's work is at least as important in an agile context as before. The organization's vision and mission still need to be translated into workable systems. In fact, due to short-cycle iterations, this must happen more frequently and with smaller, more detailed adjustments. The BA translates customer needs into value as efficiently and effectively as possible. It's essential to focus on what is minimally required—the so-called Minimal Viable Product (MVP) or Minimal Marketable Feature (MMF). One technique to support this is Behavior Driven Development (BDD), which is practiced during the training.

In this two-day training, you'll gain insight into the key roles and responsibilities of a BA at various levels within the organization.

You'll also be introduced to several BA techniques from the BABOK (Business Analysis Body of Knowledge) that are well-suited for use in agile environments. The training combines theory with a wide range of practical exercises, making the content immediately applicable in your daily work. After completing the training, you'll be well-prepared for the certification exam.

The CABA training is an excellent precursor to follow-up courses such as Agile Essentials or Advanced Agile Quality (AAQ), which include both theoretical elements and hands-on agile iterations.

What to expect?

Insight into the daily responsibilities of a Business Analyst (BA) in an agile development environment.

Learn techniques that are highly applicable to business analysis within agile methodologies and philosophies.

Topics covered include:

- Insight into the role of the Business Analyst
- Positioning the BA role in an agile context
- How to apply the 7 BABOK principles in an agile context
- Practical application of several BA techniques

Who is this training for?

This training is intended for professionals working in agile settings, those in a BA role, or those collaborating with business analysts.

Duration: 2 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here:
iSQI – A4Q Certified Agile Business Analysis (CABA)

Certification training | Technical training | Test improvement training | Practical training

IREB Certified Professional for Requirements Engineering.

Professionalizing the requirements process.

Clear and well-defined requirements are a crucial foundation for any project. Errors in requirements are arguably the leading cause of issues in both large and small projects. Professionalizing the requirements process through requirements engineering based on IREB leads to a more valuable set of requirements and a stronger project foundation, improving product quality from an early stage.

To achieve this, it's important to have a clear understanding of the system the requirements apply to and the context in which that system operates. The training also covers tools that can support requirements engineering.

During this three-day training, the following topics are addressed:

- Acquiring good requirements
- Properly documenting requirements
- Reviewing requirements
- Managing requirements

A variety of practical assignments are used to cover these topics. This way of working promotes learning and will ensure that it is immediately applicable.

After completing the training, participants can easily schedule the IREB Foundation exam via iSQI, an independent exam institute. The exam lasts 75 minutes and consists of multiple-choice questions. A minimum score of 60% is required to pass. The Foundation Level certificate is valid indefinitely.

What to expect?

This training prepares participants for the ISQI IREB Requirements Engineer Foundation Level exam.

The full lifecycle of requirements is covered throughout the training.

Topics covered include:

Establishing and implementing a structured approach to Requirements Engineering – Applying a number of RE techniques in practice – Positioning an RE process

Who is this training for?

This training is intended for anyone involved in drafting, reviewing, or approving requirements within a project organization.

Duration of the training: 3 days.

Upon completion, you will receive a certificate of participation and an exam voucher of your choice.

Find current training dates and locations here: IREB Certified Professional for Requirements Engineering

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Testing in Practice.

Understanding testing through practical case studies.

Practical tools for every software tester!

The Practical Testing training focuses on the specific skills of a tester, without being tied to any particular method or model.

The tester's skills have a subject-oriented and a people-oriented (social) side. In today's world, the people oriented side is becoming increasingly important. That's why this training addresses not only the professional aspects of testing, but also emphasizes the people oriented side—collaborating with and supporting project or team members.

Participants gain a well-rounded understanding of testing, reinforced through various real-world case studies.

What to expect?

For anyone seeking practical tools to perform testing - both as a tester and in the tester role.

The training explores the tester's role within a project or Agile team.

Includes hands-on practice in preparing and executing tests through practical exercises.

After completing the training, participants will have a clearer understanding of the tester's role and how to fulfill it effectively.

Topics covered include:

- The role of tester in a project team or Agile team
- Collaboration with and support of project or team members

Who is this training for?

This hands-on training is primarily intended for testers who, in today's modern world, combine the technical aspects of testing with a people-oriented approach. After completing this training, testers will be able to apply the acquired skills in any situation.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Testing in Practice

○ Certification training ✓ Technical training ○ Test improvement training ○ Practical training

Introduction to Continues Integration/ Continuous Delivery (CI/CD).

Basic skills for testers in Continuous Integration.

Nowadays, nearly every organization uses Continuous Integration (CI). Tools like Jenkins, Bamboo, or CircleCI are the rule rather than the exception. Developers use CI to reduce the number of manual steps needed to compile their code. Automating steps within the development process leads to faster feedback on their work. Testers must keep up with this development. It's essential to understand what happens during CI and how it impacts the testing profession. This includes gaining insight into which tests are executed at which levels. A good understanding of CI allows testers to work more efficiently. In addition, testers also increasingly need to work with CI tooling to run tests automatically, for example.

In short, CI ensures that all software changes are continuously integrated and evaluated. After changing a section of code, this change is put into a version management system. Once that happens, the entire solution is compiled, unit tests are executed, and an initial quality assessment is performed automatically. This results in continuous integration of the software, along with feedback on whether it still meets quality standards.

In this one-day training, participants are introduced to the world of Continuous Integration through a mix of theory and hands-on practice.
A brief introduction to the topic of Continuous Delivery (CD) will be given at the end of the training.

What to expect?

Gain insight into what happens during Continuous Integration and how it impacts the testing profession. Participants learn which tests are performed at each level. A good understanding of Continuous Integration enables testers to work more efficiently.

A mix of theory and practice to explore the world of Continuous Integration.

Jenkins is the tool used during this training.

Topics covered include:

- The test pyramid
- Version management
- Continuous Integration tooling
- Jobs and pipelines
- Artifacts
- Continuous Delivery

Who is this training for?

The target audience for this training consists of test professionals with little to no experience in Continuous Integration.

Duur van de training: 1 dag.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Introduction Continuous Integration/Continuous Delivery (CI/CD)

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

SCRUM Game.

The best SCRUM team takes home the prize!

The goal of this training is to personally experience the benefits and pitfalls of testing within SCRUM.
This training is built around a 'real-life' SCRUM scenario in which, through several iterations, a product must be tested to meet specific quality requirements.

The core of the SCRUM Game consists of actively performing SCRUM iterations based on User Stories.
During these iterations, participants are challenged to advise the Product Owner on whether to release a product developed specifically for this training.

In addition to the iterations, time is set aside for a theoretical foundation.
We'll cover the basics of Agile and explore SCRUM as a method for managing testing in an Agile context. In addition, we discuss the principle of 'business value', prioritization and techniques that make testing an effective valuable activity in an Agile context. This one-day training features a competitive setup, where working according to the SCRUM method and identifying product defects earns points. The best SCRUM team wins the prize. It's a fun, interactive training that - according to past participants - offers real eye-openers and proves immediately useful in daily practice.

What to expect?

Experience firsthand the benefits and challenges of testing within SCRUM.

Actively perform SCRUM iterations based on User Stories.

A fun, interactive training with a 'real-life' SCRUM scenario, where a product is tested across multiple iterations to meet quality standards.

Topics covered include:

- Setting up tests within an iteration
- A practical application of testing in an Agile team
- Interaction with the Product Owner and the developer
- Serious fun

Who is this training for?

This training is intended for all team members working in an Agile SCRUM context, such as developers, business analysts, testers, product owners, and scrum masters. The training is not only focused on testing, but especially on the roles, ceremonies, and artifacts within SCRUM, making it valuable for entire teams or organizations to participate together.

Duration of the training: 1 day.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here:
SCRUM Game

E-learning.

E-Learning

At Polteq, the learning experience of our participants is our main priority. Quality and effectiveness are our main focus points. With the growing availability and quality of e-learning courses, Polteq believes that for certain trainings, this same level of quality and effectiveness can now be achieved through e-learning. That's why Polteq will soon begin offering its own e-learning courses and launch the Polteq E-learning Platform (PEP). Until then, Polteq offers e-learning courses via our partner platform, Udemy. We do not list pricing in this digital training information, as rates are provided directly through the Udemy platform. Once we transition to the Polteq E-learning Platform, we will offer these trainings independently.

Coached e-learning

Based on our experience with e-learning, Polteq has introduced an additional service: 'coached e-learning'. This version retains the flexibility of self-paced study but combines it with the support, practical knowledge, and expertise of a Polteq trainer. The major advantage of coached e-learning is that participants don't need to attend classroom sessions but still benefit from a motivational push. This approach helps learners master the material within a set timeframe. To support the learning process, regular online meetings with live trainers are scheduled. In short, participants get the best of both worlds.

○ Certification training ○ Technical training ○ Test improvement training ✓ Practical training

Coached e-learning Playwright.

Become a Playwright expert with Polteq's coached e-learning.

At Polteq, we introduce the coached e-learning Playwright, the perfect blend of self-paced learning and professional guidance.

Playwright is a powerful open-source test automation tool that's rapidly gaining popularity for end-to-end testing of web applications. With this course, you can master the ins and outs of Playwright at your own pace, while receiving regular online coaching from experienced industry trainers.

Our coached e-learning is designed is designed for testers and test related professionals, looking for a practical and flexible training apporac, without loosing professionals who are looking for a practical and flexible approach—without losing the incentive of a classroom setting. In addition to access to high-quality e-learning modules, we schedule a kick-off session and four personal online coaching sessions to review progress and address specific questions.

What to expect:

Study whenever it suits you, without compromising on quality.

A professional trainer coaches your progress and answers all your questions.

The same incentive, but at a lower investment.

Topics covered include:

- Install Playwright from scratch, run and debug tests, analyze reports and test results
- Locate web elements on a page following Playwright best practices
- What is the Page Object Model and how to organize test code using Page Objects
- Working with APIs in Playwright: API mocking, API requests, API call interception, shared authentication, and API authentication
- Advanced topics: global setup and teardown, visual testing, mobile device emulation, fixtures, environment variables, and test execution in a Docker container

Who is this training for?

This training is intended for all team members working in an Agile SCRUM context, such as developers, business analysts, testers, product owners, and scrum masters. The training is not only focused on testing but also on the roles, ceremonies, and artifacts within SCRUM, making it valuable for entire teams or organizations to participate together.

Prerequisite: JavaScript for beginners.

Coaching moments: 1 kick-off & 4 online sessions.

Upon completion, you will receive a certificate of participation.

Find current training dates and locations here: Coached e-learning Playwright

Information.

- Standard training courses can also be delivered on-site—an attractive option starting from just five participants!
- We also offer customized in-company training, tailored to the specific needs of your organization and the skill level of your employees.
- All courses can be delivered in both English and Dutch.
- Polteq trainers are certified and accredited for the courses they teach. Polteq is also officially accredited by ISTQB, iSQI, and IREB as a training provider authorized to deliver certification courses.
- Our trainers combine teaching with Practical hands-on excersises, ensuring they stay closely connected to real-world practice.
- Participants receive a personal certificate of attendance upon completion of each course.

Each training includes:

- **Instruction by an accredited Polteq trainer**
- **Course materials**
- **Book (if applicable)**
- **Lunch (if applicable)**
- **Certificate of participation**

Practical information about exams

If an exam is taken in English, the training will include a strong focus on linking Dutch terminology to its English equivalents.

Please bring a valid ID to every exam. If any additional requirements apply, you will be informed in advance.

ISTQB
After completing an ISTQB training, you'll receive a voucher to take the exam either in person or online.

For all advanced-level ISTQB exams, holding the ISEB/ISTQB Foundation certificate is a prerequisite. Additionally, participants must have practical testing experience to be eligible for the exam.

IREB
At the end of the IREB training *Certified Professional for Requirements Engineering*, you'll receive a voucher to take the exam either in person or online.

CABA
At the end of the iSQI training *Certified Agile Business Analysis (CABA)*, you'll receive a voucher to take the exam either in person or online.

Polteq Test Services BV
Printerweg 52
NL - 3821 AD Amersfoort

Telephone: +31 (0)33 27 73 522
Email address: training@polteq.com

polteq.com