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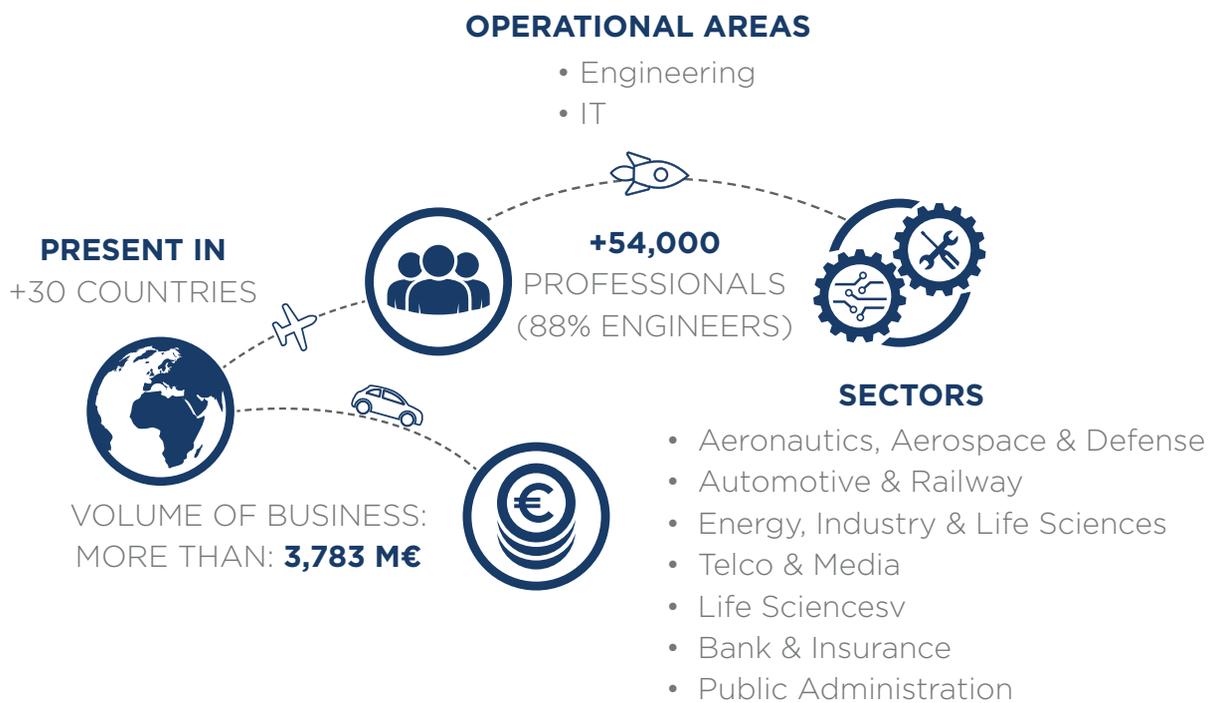
ISTQB® Training Catalogue



Meet us

The technological partner

Nowadays ALTEN is an indispensable player in the strategic projects and large industrial programs. We assist our customers in their technological initiatives, and, when it comes to global projects, we provide guaranteed service to the IT and Technical Departments of large companies in Europe and around the world.



ALTEN is a multinational European group, which has positioned itself as a reference consulting company. ALTEN supports its clients through a global experience, important partners and quality ideas, answers and teams. For more than 30 years, ALTEN provides engineering and information technology services to the market leading companies.



Quality of its team



Overall Package



Partners



Commitment to its customers

ALTEN in Spain

Since its creation in Spain in 2000, ALTEN has earned the trust of the biggest names in the Spanish business world. With more than 3,400 employees, we offer the experience of thousands of hours of technological research, both in engineering and in the IT field, which positions us as a leading company in providing consulting, information technology and engineering services to the main companies in the market.



The domain of the technologies and the management capacity along with the absolute client's trust, have allowed us to develop a group of services and solutions which create an offer, oriented to go hand in hand with our customers in a market that is continuously evolving.

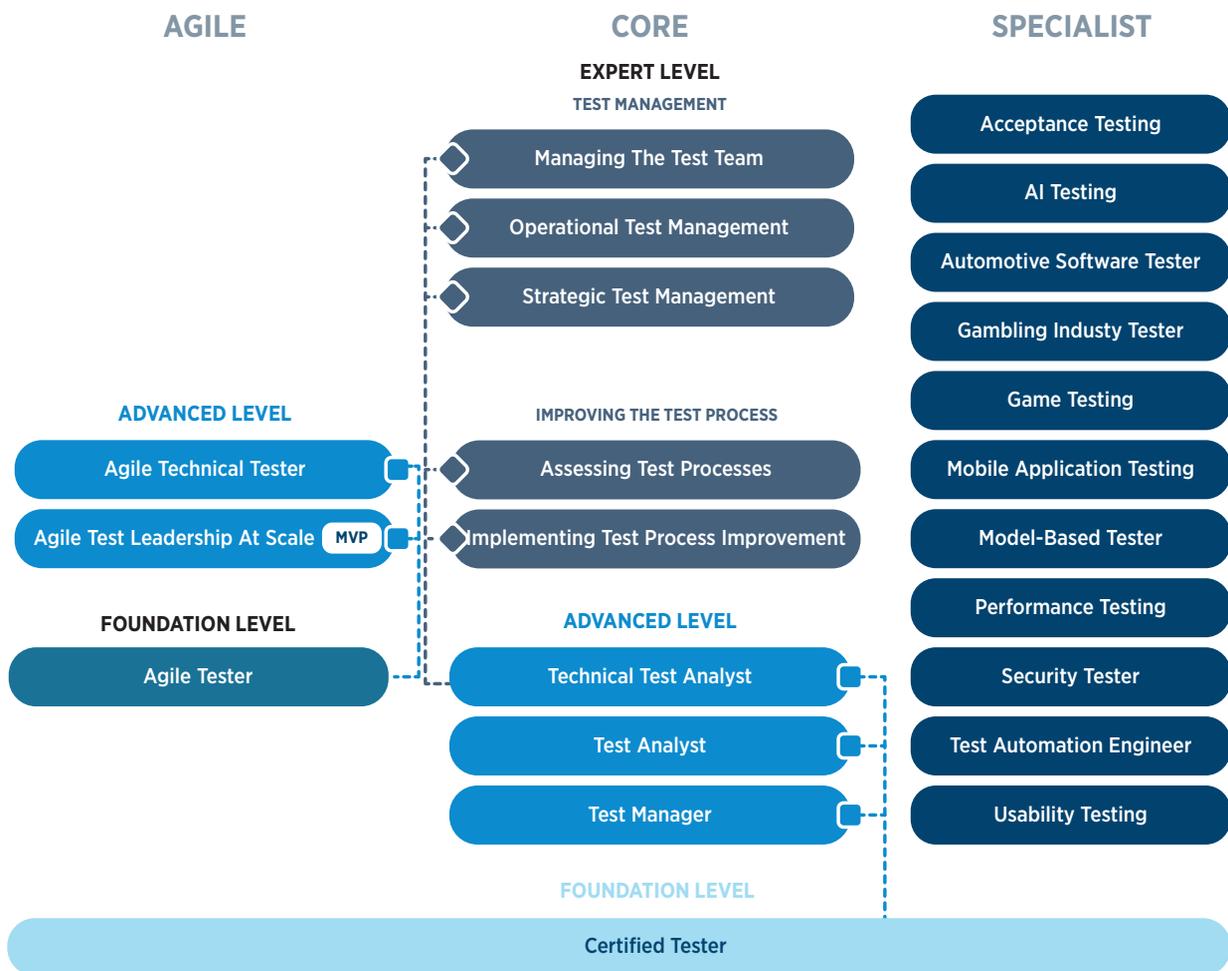
Introduction

ISTQB® (International Software Testing Qualification Board) proposes the world's most widely used scheme for certifying software testers. ISTQB® has administered more than 920,000 and issued more than 673,000 certifications in more than 120 countries worldwide.

ALTEN is the only ISTQB® accredited partner for all certification levels available in Spain and offers a training path oriented to the certifications: Foundation Level, Foundation Level Agile Tester and all Advanced level modules: Test Manager, Test Analyst and Test Automation Engineer.

WHO IS IT FOR?

- Tester
- Test Analyst
- Test Engineer
- Test Manager
- Consultant
- Software Development
- Business Analyst
- QA Manager
- Project Lead



Our strengths

- » First enterprise in the world. GLOBAL PARTNER ISTQB®.
- » Member of SSTQB (Testing Spanish Committee), representative of ISTQB®.
- » Approved material due to the experience of the Center of Quality Competences and Testing.



ISTQB® Foundation Level

TRAINING OBJETIVES

To disseminate best practices in testing, describing its processes, basic concepts and approaches to software quality assurance, and to provide a common language to support communication between all parties involved in the software development cycle.

TRAINING PROGRAMME

- Fundamentals of Testing
- Testing throughout the Software Development Lifecycle (SDLC)
- Static Testing
- Test Techniques
- Test Management
- Tool Support for Testing

FOR WHO?

The Foundation Level certification is suitable for anyone who needs to demonstrate practical knowledge of the fundamental concepts of software testing including people in roles such as testers, test analysts, test engineers, test consultants, test managers, user acceptance testers, and software developers.

It is also appropriate for individuals who need a basic understanding of software testing including project managers, quality managers, software development, business analysts, IT directors, and management consultants.

DURATION OF TRAINING

- 24 Hours / 3-5 days
- On-line modality with live lessons (On-site option)
- Calls in English and Spanish
- Printed material

ISTQB® Foundation Level Agile Tester

TRAINING OBJETIVES

- Introduce Agile development methodologies
- Describe the role of the tester in Agile projects
- To provide the techniques and tools necessary to optimize the performance of the software quality assurance activity

TRAINING PROGRAMME

- Introduction to Agile development methodologies
- The different approaches
- Differences between testing activities with a traditional or Agile approach
- Testing in Agile projects
- Roles and responsibilities of the tester
- Agile testing techniques and methods
- Risk assessment for product quality within an Agile project
- Test estimation based on iteration content and quality risks

FOR WHO?

The basic level agile certification is intended for professionals working in agile environments and for those who are about to start working in and implementing agile environments.

PRECONDITIONS

The ISTQB® Foundation Level Certificate is required to take the certification exam.

ISTQB® Advanced Level Test Automation Engineer

TRAINING OBJETIVES

- Prepare professionals to pass the ISTQB® Advanced Level Test Automation Engineer certification exam.

TRAINING PROGRAMME

- Test Automation
- Preparing for Test Automation
- Generic test automation architecture
- Risk and contingency implementation
- Test automation reporting and metrics
- Transitioning from manual testing to an automated environment
- TAS Verification
- Continuous improvement

FOR WHO?

The Test Automation Engineer certification is aimed at professionals who already have experience in software testing and who want to expand their knowledge and experience in test automation.

PRECONDITIONS

The ISTQB® Foundation Level Certificate is required to take the certification exam.

ISTQB® Advanced Level Test Analyst

TRAINING OBJECTIVES

- To prepare professionals to pass the ISTQB® Advanced Level Test Analyst certification exam.
- Provide international recognition of analysis, design and test execution skills

By the end of the course, the Test Analyst will be able to:

- Perform appropriate testing activities based on the SDLC being used.
- Determine the appropriate prioritization of testing activities based on the information provided by the risk analysis.
- Select and apply appropriate testing techniques to ensure that testing provides an appropriate level of quality based on defined coverage criteria.
- Provide the appropriate level of documentation commensurate with the testing activities.
- Determine the appropriate types of functional tests to be performed.
- Work effectively in a usability test team.
- Participate in requirements/user story reviews with stakeholders.
- Improve the efficiency of the testing process with the use of tools.

TRAINING PROGRAMME

- Test process
- Test management: Test analyst's responsibility
- Testing techniques
- Software quality testing
- Reviews
- Test tools and test automation

FOR WHO?

The Advanced Level Test Analyst certification is intended for professionals who are engaged in software testing activities and who want to further develop their skills in test analysis and test design techniques.

PRECONDITIONS

The ISTQB® Foundation Level Certificate is required to take the certification exam.

ISTQB® Advanced Level Test Manager

TRAINING OBJETIVES

- The Advanced Level Test Manager certification focuses on the estimation, planning, supervision and control of test activities.

By the end of the course, the Test Manager will be able to:

- Define the test objectives and the strategy to be adopted for the system under test.
- Plan, schedule and map the activities
- Select, procure and allocate resources to the activities
- Select, organize and manage the test groups
- Organize internal communication within the test group and between test group and other stakeholders
- Justifying decisions and providing adequate information to support them, where possible

TRAINING PROGRAMME

- Testing process
- Test management
- Reviews
- Defect management
- Test process improvement
- Test tools and test automation
- People skills

FOR WHO?

The advanced level Test Manager certification is aimed at professionals who have already reached an advanced level in software testing and want to develop further in test management.

PRECONDITIONS

The ISTQB® Foundation Level Certificate is required to take the certification exam.



For more information
contact us at academy@alten.es

www.alten.es