



the test academy

powered by the test leaders

Certified Training Brochure 2017





Table of contents

Table of contents	2
Calendar & prices	3
The Test Leaders	5
ISTQB® Certified Tester – Foundation Level	6
ISTQB® Certified Tester – Foundation Level, Agile Tester	8
ISTQB® Certified Tester – Advanced Level, Test Manager	10
ISTQB® Certified Tester – Advanced Level, Test Analyst	11
ISTQB® Certified Tester – Advanced Level, Technical Test Analyst	12
CMAP© Mobile App Testing – Foundation Level	13
CAT® Certified Agile Tester	14
Scrum Alliance Certified ScrumMaster®	16

Calendar & prices Certified trainings 2017

ISTQB® Certified Tester—Foundation Level

3 days

23, 24 & 27 March 2017 *

Certification exam: 27 March 2017 *

21, 22, 23 June 2017

Certification exam: 23 June 2017

20, 21, 22 September 2017

Certification exam: 22 September 2017

19, 20 & 23 October 2017 *

Certification exam: 23 October 2017 *

30 November, 1 & 4 December 2017 *

Certification exam: 4 December 2017 *

Training	€ 1.140
Exam	€ 215

ISTQB® Certified Tester—Foundation Level Extension, Agile Tester

2 days

27, 28 April 2017 *

08, 09 June 2017

28, 29 September 2017

16, 17 November 2017

19, 20 December 2017 *

Training	€ 950
Exam	€ 215

ISTQB® Certified Tester—Advanced Level, Test Manager

5 days

20, 21 April & 04, 05, 19 May 2017

Certification exam: 26 June 2017

5, 6, 19, 20 October & 10 November 2017

Certification exam: 20 November

Training	€ 2.200
Exam	€ 250

ISTQB® Certified Tester—Advanced Level, Test Analyst

4 days

11, 12 May & 1, 2 June 2017

Certification exam: 26 June 2017

12, 13, 26, 27 October 2017

Certification exam: 20 November 2017

Training	€ 1.750
Exam	€ 250

ISTQB® Certified Tester—Advanced Level, Technical Test Analyst

3 days

19, 29 May & 12 June 2017

Certification exam: 26 June 2017

9, 23 October & 6 November 2017

Certification exam: 20 November 2017

Training	€ 1.400
Exam	€ 250



CMAP® Mobile Application Professional –Foundation Level Tester

2 days

20, 21 March 2017 *

Certification exam: 21 March 2017

Training	€ 995
Exam	€ 250

CAT® Certified Agile Tester

5days

20, 21, 24, 25 April 2017 *

Certification exam: 26 April 2017 *

15, 16, 17, 20 November 2017 *

Certification exam: 21 November 2017 *

Training	€ 2.200
Exam	included

Scrum Alliance Certified ScrumMaster®

2 days

30, 31 March 2017

20, 21 April 2017

18, 19 May 2017

22, 23 June 2017

14, 15 September 2017

Training	€ 1.425
Exam	included

The Test Leaders

the test academy started early 2013 as an initiative to provide **professional** testing courses and share our testing experiences to a broader group of people. Every year **The Test Academy** trains a significant number of individuals and companies.

A big part of the training portfolio is based upon industry standards like **ISTQB®** and **Agile**. Our tutors can provide the trainings in Dutch, French and English. **Open-session** courses are organized on a regular basis in our training centre in Vilvoorde.

We can organize every training from our portfolio on request **exclusively for a dedicated group of your employees**. Company training allows teacher and participants to focus more on your line of business and can provide in-depth answers to questions specific to your organization you would not necessarily like to share with others. A company training is possible from as low as 4 employees.

If our portfolio does not meet your requirements fully or if you would like to go that extra mile and have a customized training created.

The Test Leaders is recognized by the Flemish Government as supplier of trainings with the 'KMO-portefeuille'. You can get up to 40% subsidy for our trainings. To verify whether your company can apply; please check <http://www.vlaio.be/maatregel/kmo-portefeuille-steun-voor-opleiding-en-advies> .

Please do not hesitate to contact our training department at training@thetestleaders.com if you have any questions about our trainings.



ISTQB® Certified Tester – Foundation Level | 3 days

Benefits

After attending this course, you will:

- have a broad understanding of software testing;
- be able to apply industry accepted testing techniques in practice;
- have a common language and understanding of software testing with other certified testers;
- understand the typical tasks of a tester and test leader in a test project.

On top of that, if you pass the exam, you will hold the ISTQB® CTFL certificate which:

- is considered as a plus on your CV;
- is a pre-requisite to establish further skills and knowledge to reach any of the Advanced level certificates.

Description

Software Testing is part of the development life cycle. Testing has become indispensable when it comes to assess the quality of the software product and to help making the right management decisions.

The course provides insight in the fundamentals of testing: what is testing and why should one test, the fundamental test process, what it is and how the different steps in the process map on different software development models. It will also explain the different test levels (or test phases) and test types.

After this overview of the fundamental test process, techniques will be presented on how to perform static and dynamic testing. These techniques are useful for both the developer and the tester.

Objectives for test management will be presented, covering topics like organising your testing and test team, planning the test process, monitoring and controlling the progress and reporting about these. It will also give information on risks and how to control them.

To conclude, an overview of different test tools will be provided, with benefits and risks and a way to introduce such a tool into an organisation.

Please note that this course does not focus on any specific project (Prince2® , PMP®,...), development (RUP®, XP, DSDM®,...) or test (TMap®, TestFrame™, STBox™, Testing Intelligence™,...) methodology, the principles taught here can be applied to any existing methodology.

Target Audience

- Everyone new to the testing business.
- Experienced testers who require a theoretical background.
- Developers interested in testing.
- Project leaders/managers requiring more insight in testing.
- Everyone who wants to prepare for the ISTQB® Foundation examination in software testing.

Prerequisites

Basic knowledge about software development. Experience with programming or testing is a plus.

Course outline

The course is structured according to the ISTQB® Foundation syllabus. This way you are able to relate the topics covered in the course to both the syllabus and the book.

- Introduction to software testing.
- Fundamental test process & psychology of testing.
- Testing identified within different software development models & maintenance testing.
- Review processes and static analysis tools.
- Black box, white box and experience based test design techniques.
- Test management: organizing, estimating, planning and controlling your test process.
- Tool support: how can tools support your test process.



We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- An official ISTQB® Foundation book.
- A copy of the Foundation level syllabus & glossary.
- Lunch and refreshments.
- Our tutors' experience in software testing through various real-life examples.



ISTQB® Certified Tester – Foundation Level, Agile Tester | 2 days

Benefits

After attending this course, you will be able to:

- collaborate in an agile team, being familiar with agile principles and practices;
- adapt existing testing experience, knowledge and best practices to agile projects;
- support the agile team in planning test-related activities;
- apply relevant test methods and techniques;
- help business stakeholders define understandable and testable user stories and acceptance criteria;
- collaborate and share information with other team members.

Description

This extension is aimed at anyone involved in software testing, who is interested in acquiring the basics of working in an agile environment.

As a tester on Agile projects you will work differently from testers working on traditional projects. As a tester, you must be able to understand the principles and values outlined in the Agile Manifesto. In this Agile extension, you will learn how to work effectively in an Agile environment and how testers are part of the whole team approach.

Target audience

Specialists from all sectors, interested in working in Agile environments.

- Testers who have experience with traditional testing methods.
- Testers new to Agile projects.
- Experienced developers with little knowledge of testing in Agile projects.
- Everyone who wants to prepare for the ISTQB® Foundation, Agile Tester examination.

Prerequisites

Candidates must hold the ISTQB® Certified Tester - Foundation Certificate (CTFL). Programming knowledge is an advantage but not a requirement.

Course outline

The course is structured according to the ISTQB® Agile Tester syllabus. This way you can relate the topics covered in the course to both the syllabus and the book.

- Fundamentals of Agile Development and Testing
- Aspects of Agile approach
- The difference between testing in traditional and Agile approach
- Status of testing in Agile projects
- Role and skills of a tester in an Agile team
- Agile testing Methods
- Assessing Quality risks and estimating test effort
- Techniques in Agile projects
- Tools in Agile projects

During this 2 days training you will have a lot of hands-on practice.

We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- A copy of the Foundation level syllabus & glossary.
- Lunch and refreshments.
- Our tutors' experience in software testing through various real-life examples.

ISTQB® Certified Tester – Advanced Level, Test Manager | 5 days

Benefits

After attending this course, you will be able to:

- fit testing into a software development lifecycle model (various models will be highlighted);
- set up a test strategy and plan the test activities accordingly;
- staff, organise and manage a team throughout a test project;
- continuously improve the test process within the different levels of the organization;
- implement ways to prevent the creation and multiplication of defects;
- select or create appropriate means to support the test process in all aspects above;
- speak a common language regarding test management with other certified testers.

On top of that, if you pass the exam, you will hold the CTAL-TM certificate which:

- is considered as a plus on your CV, when performing or applying as test manager;
- is a pre-requisite to establish further skills and knowledge to reach the Expert level in Test Management or improving the test process.

Description

Software Testing is part of the development life cycle. Testing has become indispensable when it comes to assessing the quality of the software product and to help making the right management decisions.

Some of the topics covered in the ISTQB® Advanced level here are:

- in-depth reviews of the ISTQB® Foundation level, whilst broadening the scope (the testing process, test management and reviews);
- looking at the subject from a different angle as opposed to the ISTQB® Foundation level (test tools and automation and defect management);
- brand new topics on test management (improving the test process and people skills).

The course will therefore offer you with a profound knowledge to deal with a variety of situations:

- organizational (e.g. development method used, offshore teams,...);
- people (e.g. test teams, communication, personal development,...);
- project (e.g. budget, metrics, estimation & planning,...);
- testing and QA (improvement, reviews, audits,...);
- tooling & method (tool assessment, defect process, international test standards,...).

Target audience

Although this module is called “Test management”, the course is not limited to testers with a function title “Test Manager”, but it does focus more on the management of the testing process. It is therefore useful for anyone in the testing business that is leading a group of testers, reporting to management and/or is involved in setting up or refining test processes:

- everyone in a leading role within testing;
- experienced testers in a leading role who require a theoretical background;
- test consultants with a focus on test methods and improvements;
- everyone preparing for the CTAL-TM examination.

Prerequisites

To get the Advanced Level certification, candidates must hold the ISTQB® Certified Tester - Foundation Certificate (CTFL) and have sufficient practical experience (at least 18 months in software testing).



Course outline

The course is structured according to the ISTQB® Test Manager syllabus. This way you can relate the topics covered in the course to both the syllabus and the book.

- **Testing process:** in depth review of the ISTQB® testing process
- **Test management:** models, estimation, test documentation, metrics, distributed/ outsourced / insourced testing
- **Reviews and audits:** what are these, how do you manage them?
- **Defect management:** lifecycle, defect reports, process improvement
- **Improving the testing process** using TMMi®, TPI®, STEP or CTP
- **Test tool and automation:** selection & management, metrics
- **People skills:** test team, motivation, communication, testing within the organisation

We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- An ISTQB® Advanced Test Management book.
- A copy of the Advanced level syllabus & glossary.
- Lunch and refreshments.

Our tutors' experience in software testing through various real-life examples.



ISTQB® Certified Tester – Advanced Level, Test Analyst | 4 days

Benefits

After attending this course, you will be able to:

- analyse the system in sufficient detail to meet the user quality expectations;
- evaluate the system requirements to determine domain validity;
- prepare and execute the adequate activities, and report on their progress;
- provide the necessary evidence to support evaluations;
- implement the necessary tools and techniques to achieve the defined goals.

Description

The Advanced Level qualification is aimed at people who have achieved an advanced point in their careers in software testing. This is useful for anyone who wants a deeper understanding of software testing.

Target audience

Although this module is called “Test Analyst”, the course is not limited to testers with a function title “Test Analyst”. This training is for everyone preparing for the CTAL-TA examination; such as Testers, Test Analysts, Test Engineers, Test Managers.

Prerequisites

To get the Advanced Level certification, candidates must hold the ISTQB® Certified Tester - Foundation Certificate (CTFL) and have sufficient practical experience (at least 18 months in software testing).

Course outline

The course is structured according to the ISTQB® Test Analyst syllabus. This way you can relate the topics covered in the course to both the syllabus and the book.

- Testing processes & Testing in the software life cycle.
- Test Management Responsibilities of the Test Analyst.
- Specification based test techniques: Decision Table Testing, Cause-Effect Graphing, Pairwise Testing, Orthogonal Arrays, Classification Tree Method.
- Defect-based techniques
- Experience-based Techniques: Error Guessing, Checklist-Based Testing, Defect-Based Testing and Exploratory Testing;
- Testing Software Quality Characteristics.
- Reviews.
- Defect Management
- Test Tools

We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- An ISTQB® Advanced Test Analyst book.
- A copy of the Advanced Test Analyst syllabus & glossary.
- Lunch and refreshments.

Our tutors’ experience in software testing through various real-life examples.



ISTQB® Certified Tester – Advanced Level, Technical Test Analyst | 3 days

Benefits

After attending this course, you will be able to:

- structure the tasks defined in the test strategy in terms of technical requirements;
- analyze the internal structure of the system in sufficient detail to meet the expected quality level;
- evaluate the system in terms of technical quality attributes such as performance, security, etc.;
- prepare and execute the adequate activities, and report on their progress;
- conduct technical testing activities;
- provide the necessary evidence to support evaluations;
- implement the necessary tools and techniques to achieve the defined goals.

Description

The Advanced Level qualification is aimed at people who have achieved an advanced point in their careers in software testing. It is useful for anyone who wants a deeper understanding of software testing.

Target audience

This training is for everyone preparing for the CTAL-TTA examination; such as Testers, Test Analysts, Test Engineers, Test Managers.

Prerequisites

To get the Advanced Level certification, candidates must hold the ISTQB® Certified Tester - Foundation Certificate (CTFL) and have sufficient practical experience (at least 18 months in software testing).

Course outline

The course is structured according to the ISTQB® Technical Test Analyst syllabus. This way you can relate the topics covered in the course to both the syllabus and the book.

- The Technical Test Analyst's tasks in Risk-Based Testing
- Structure-based Testing: condition testing, decision condition testing, path testing, API testing,...
- Analytical Techniques: static analysis, dynamic analysis
- Quality characteristics for technical testing: general planning issues, security testing, reliability testing, performance testing, resource utilisation, maintainability testing, portability testing
- Reviews.
- Test tools and automation.

We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- An ISTQB® Advanced Technical Test Analyst book.
- A copy of the Advanced Technical Test Analyst syllabus & glossary.
- Lunch and refreshments.

Our tutors' experience in software testing through various real-life examples.

CMAP® Mobile App Testing – Foundation Level | 2 days

Benefits

After attending this course, you will:

- have an in-depth knowledge of the specific needs for testing mobile applications, your current toolbox of software testing techniques and tools will be extended with specific techniques;
- tools and tips to be able to tackle the extra challenges of testing mobile apps.

Description

The world of mobile applications is rapidly expanding. The chapters tackle the history of mobile application development, describe and discuss the challenges and complexities of mobile app testing and provide techniques and tools to handle those challenges.

Apps and mobiles have become an important element of today's IT and society in a very short time frame. Mobile technologies are fast changing and have a huge impact on how we develop, how we test and what we test. IT professionals should be up to date with the latest development of the mobile technology and how it impacts testing, performance and security.

This course will give you an excellent introduction to the world of Mobile App Testing. Because of the various exercises you will take part during this course, you will gain a broader understanding of the impact of mobile and the broadness of the market.

The Foundation Level course provides you with the most relevant techniques and terminology.

Target audience

The CMAP® Mobile App Testing – Foundation Level is an entry level certification aimed at anyone involved in Mobile App Testing.

Prerequisites

It is recommended that the participant holds an ISTQB® Certified Tester – Foundation Level Certificate (CTFL) or has equivalent knowledge.

Course outline

The course is structured according to the CMAP® Mobile App Testing syllabus.

- Overview of the mobile world;
- mobile applications test types;
- mobile application testing process & techniques;
- tools and automation.

We foresee for you

- Printed course hand-outs.
- Practical assignments, along with their solutions.
- Sample exam questions and answers.
- A copy of the Advanced Technical Test Analyst syllabus.
- Lunch and refreshments.

Our tutors' experience in software testing through various real-life examples.



CAT® Certified Agile Tester | 5 days

Benefits

By attending this course you will gain an understanding of the testing role within an agile project and be able to effectively apply practical agile test skills.

At the end of the course, you will be able to:

- understand the principles behind the agile approach to software development;
- differentiate between the testing role in agile projects and the role of testers in non-agile projects;
- positively contribute as an agile team member focused on testing;
- appreciate the challenges and difficulties associated with the non-testing activities performed in an agile team;
- demonstrate a range of soft skills required by agile team members.

Description

Far different from the traditional methodologies an Agile methodology is flexible and adaptive with frequent feedback loops. Likewise, Agile testing is different and therefore the “Certified Agile Tester®” course is different: it focuses on the most important element in agile projects: You.

During the five day training, you acquire all the skills required to test agile successfully. While theory about the Agile Manifesto, frameworks, processes and methods are essential to understand agility, the “Certified Agile Tester®” takes you one step further. The key to success in agile projects relies heavily on individuals able to collaborate and self-manage. When strict guidelines and hierarchies are exchanged for a dynamic, communication-rich environment, a common language is vital.

This is why the “Certified Agile Tester®” provides you with all skills and competencies required to run agile projects efficiently. Focussing heavily on practical exercises and a hands-on approach the “Certified Agile Tester®” will provide you with the requisite know-how to succeed in any agile project.

Completing this course, will provide the necessary information to sit the CAT® assessments and exam that will be held on the fifth and final day.

Target audience

Software Testers in agile projects

Prerequisites

If you are interested in CAT® you should be familiar with the following topics:

- Test Design – Equivalence Partitioning / Boundary Value Analysis / State Transition / Decision tables / Exploratory Testing
- Basic Test Terminology
- Understand the difference between functional and non-functional testing including the basic concepts of Performance and Usability testing
- Performing all the activities associated with the fundamental test process



Course outline

- DAY 1** Agile methods and process: Daily SCRUM, Problems with traditional, Agile Manifesto, Agile methods, Agile Process options, Roles and Exercises
- DAY 2** Planning in an Agile process: Requirements & specifications, Iteration 0, Release Planning, Task Board, Test strategy, Estimation, Iteration planning, Burndown charts and Exercises
- DAY 3** Testing in an Agile process: Continuous integration, Version management, Pairing, Acceptance criteria, Regression Testing, Defect management and Exercises
- DAY 4** Teams: Test automation, Non-functional testing, Debt technical & testing, TDD, Teams, Agile for large projects and Exercises
- DAY 5** Assessment (see Exam section)

We foresee for you

- Printed course handouts.
- Practical assignments, along with their solutions.
- Sandwiches and refreshments.
- Our tutors' experience in software testing through various real-life examples.

Our tutor's experience in software testing through various real-life examples.



Scrum Alliance Certified ScrumMaster® | 2 days

Benefits

At the end of the course, you will be able to:

- Facilitate and coach your team
- Ask and give feedback
- Show transparency with the Scrum board, the burn-down chart and metrics
- Write and refine user stories
- Manage a retrospective in diverse ways

Description

Scrum might look simple, but doing it correctly is hard. In fact, most organizations fall short and obtain only a small percentage of the benefits that can be achieved. That's why it's so important to start your Scrum journey the right way: by taking a high quality Scrum Alliance Certified ScrumMaster® training led by one of the top Scrum experts in the world.

Target audience

- This course is valuable to everyone that wants to apply Scrum successfully
- Everyone who wants to prepare for the ScrumMaster® certification exam.

Course outline

- The underlying principles and values of Lean Thinking and Agile that make Scrum work.
- How to get a Scrum project started, from product vision to Product Backlog.
- The Scrum roles and responsibilities and how to map them to your existing organization.
- The Scrum meetings and ceremonies and how to facilitate them so they go well.
- Agile Estimating and Planning: how to plan and keep track of progress in your Scrum project.
- Visual Management: how to empower self-organizing teams while creating transparency and trust.
- Technical practices: what you need to know about developing software in an Agile way, and why it matters.
- Advanced topics: how to scale Scrum, do Scrum with offshore, and extend Scrum beyond your team.
- Beyond the CSM: how to continue your education and experience after this initial training.

We foresee for you

- The Scrum Manual, a short e-book on Scrum written by Xavier.
- A Planning poker card deck.
- A Visual Management cheat sheet.