

Course Overview

This course focuses specifically on test management issues such as test estimation, monitoring, and control, test documentation, selecting appropriate review types, introducing reviews into organizations, defect lifecycles, defect categorizations, process improvement, metrics, and measures, and people skills.

Course Content

The course covers the following areas:

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- **Basic Aspects of Software Testing:** Explores testing lifecycles, systems, metrics, and measures.
- **Test Management Documentation:** Explains differences between test policies, strategies, master test plans, and level test plans.
- **Test Plan Documentation Templates:** Analyzes suitable techniques to test different characteristics and identifies qualities of a good test analyst.
- **Test Estimation:** Discusses factors and considerations when estimating testing and different techniques.
- **Scheduling Test Planning:** Highlights the importance of test planning and the benefits of iterative planning.
- **Test Progress Monitoring and Control:** Discusses metrics necessary for test reports and monitoring testing to establish project goals.
- **Business Value of Testing:** Demonstrates how testing can be measured in terms of value and efficiency.
- **Distributed, Outsourced, and Insourced Testing:** Details challenges encountered by test teams across locations.
- **Failure Mode and Effect Analysis (FMEA):** Provides an understanding of using this structured approach to understanding risk.
- **Test Management Issues:** Identifies issues for exploratory testing and non-functional testing.
- **Standards and Test Improvement Process:** Discusses different improvement models.
- **People Skills – Team Composition:** Provides an understanding of individual tester skill sets, ways to motivate team members, and identifying skills needed for an existing team.
- **Test Management Issues:** Identifies test management issues for the use and benefits of the Exploratory testing approach, as well as other issues such as non-functional testing.
- **Standards and Test Improvement Processes:** Discusses different standards and improvement models and their usefulness. Presents various test improvement models such as Test Maturity Model (TMM), Systematic Test and Evaluation Process (STEP), Critical Testing Processes (CTP) and Test Process Improvement (TPI NEXT).
- **People Skills - Team Composition:** Provides understanding of individual tester skill sets and different ways to motivate test team members. Discusses contributing factors when identifying skills needed for an existing team and how test team dynamics can affect productivity. Presents different organizational structures for testing and the importance of independent test teams.

INTENDED AUDIENCE

This course is aimed at anyone wishing to attain the ISTQB Advanced Test Manager Module qualification. This qualification builds upon the Foundation syllabus and provides essential skills for all mobile testers.

COURSE DURATION

The course is presented by an experienced software testing practitioner. The course duration is five days with an exam.

TRAINING STYLE

The course is conducted in a virtual classroom style. Candidates use practical tasks to layer theoretical concepts. Comprehensive and accredited course materials, certification and assessment. Comprehensive course notes are provided. Candidates will be given exercises, practice exams and learning aids to assist in preparation for the final exam.

TRAINING VENUES

iLAB Training is virtually presented globally.

The Exam

This course will provide the candidate with the necessary knowledge and skills to sit the ISTQB Advanced Test Manager Certificate multiple-choice exam. Candidates will register for the examination at the end of the course.

Information about the certification can be found on the International Software Testing Qualifications Board (ISTQB) website: <http://www.istqb.org/>

Course Prerequisites

Candidates wishing to take the ISTQB Advanced Test Manager Certificate must hold the ISTQB Foundation Certificate or ISTQB Certified Tester Foundation Level Certificate.

Elevate your software testing skills at the iLAB Training Center.

As the leader in independent software quality assurance and testing for over two decades, our training has helped thousands of testers and managers launch their careers into the next level! We offer a wide variety of courses at initial, intermediate and advanced levels. Our courses range from one to five days in duration and, depending on the facilities and number of candidates, can be arranged at your location.