

ISTQB Certified Tester Advanced Level – Test Manager (CTAL-TM) Course

Course Duration: 40 Hrs.

Course Code: CTAL-TM

Course Overview

The **ISTQB Certified Tester Advanced Level Test Manager (CTAL-TM)** course is designed for experienced testing professionals who want to move into test management and leadership roles. This course focuses on managing testing activities across projects, aligning testing with business goals, leading test teams, handling risks, and improving test processes. It prepares candidates to confidently plan, monitor, control, and improve testing at an advanced organizational level while meeting international ISTQB standards.

What You'll Learn

In this course, you will gain advanced knowledge and practical skills to:

- Design and implement effective test strategies aligned with project and organizational objectives
- Plan, estimate, monitor, and control test activities throughout the software lifecycle
- Identify, analyze, and mitigate product and project risks through structured testing
- Lead and manage test teams, including stakeholder communication and reporting

- Manage defects, incidents, and test metrics for informed decision-making
- Drive continuous test process improvement using industry-recognized models

Target Audience

This course is ideal for:

- Test Managers and Test Leads
- Senior Test Engineers and QA Leads
- QA Managers and Quality Analysts
- Software Development Managers involved in testing decisions
- Professionals aspiring to leadership roles in software testing and quality assurance

Pre-Requisites

To enroll in the CTAL-TM course, candidates must:

- Hold a valid **ISTQB Certified Tester Foundation Level (CTFL)** certification
- Have practical experience in software testing
- Ideally possess experience in test coordination, test leadership, or project involvement

Course Content

Module 1: Advanced Test Management

- Test management responsibilities and context
- Stakeholder collaboration and communication

Module 2: Risk-Based Testing and Test Strategy

- Product and project risk analysis
- Designing and maintaining test strategies

Module 3: Test Planning, Estimation, and Monitoring

- Planning techniques Test
- Estimation methods and progress tracking

Module 4: Test Metrics, Reporting, and Control

- Selecting and using test metrics
- Effective test reporting and decision support

Module 5: Managing Defects and Incidents

- Defect lifecycle management
- Process optimization for incident handling

Module 6: Test Process Improvement

- Test process assessment models
- Continuous improvement strategies