# ISTQB Certified Tester Advanced Level Test Management Training

Duration: **4 Day**

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## Overview

The training is designed for professionals who want to manage software testing activities at a strategic level. This advanced ISTQB certification training covers test planning, risk-based testing, team leadership, test metrics, defect management, testing tools, and continuous process improvement.

The CTAL-TM v3.0 certification equips participants with the knowledge and skills required to manage software testing throughout the software development lifecycle. Participants will learn how to develop testing strategies, manage testing risks, lead testing teams, implement test metrics, and drive continuous improvement initiatives.

This globally recognized certification helps professionals advance their careers in software quality assurance, testing leadership, and test management.

## Prerequisites

Participants should have:

- ISTQB Foundation Level certification (v4.0 or earlier)
- Recommended minimum six months of experience in software testing or software development

## Who Should Attend

This course is ideal for:

- Test Managers
- Test Leads
- QA Managers
- Project Managers
- Product Owners
- Scrum Masters
- Senior Testers

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## What You Will Learn

By the end of this training, you will have gained knowledge and skills in the following areas:

- Manage testing activities across different software development lifecycle models.
- Define risk-based testing strategies aligned with organizational objectives.
- Plan, monitor, control, and complete testing activities effectively.
- Apply estimation techniques for testing projects.
- Manage defect lifecycles and resolution processes.
- Build and lead high-performing testing teams.
- Use test metrics and reporting mechanisms effectively.
- Drive continuous improvement initiatives within testing processes.
- Evaluate and implement testing tools successfully.

## Outline

### Chapter 1: Managing Test Activities

- Test planning, monitoring, control, and closure
- Testing in Waterfall, Agile, and Hybrid environments
- Testing stakeholders and responsibilities
- Risk-based testing approaches
- Developing project test strategies
- Continuous improvement and retrospectives
- Test tool selection and implementation

### Chapter 2: Managing the Product

- Test metrics definition and analysis
- Test estimation techniques
- Defect management processes
- Statistical analysis and process improvement

### Chapter 3: Managing the Team

- Building and managing test teams
- Competency and role management
- Performance development
- Business value and cost-benefit analysis
- Leadership and motivation techniques
- Stakeholder communication and relationship management