

## Advanced Level Test Management 3.0 Course

**Course Duration: 40 Hrs.**

**Course Code: AL-TM-3.0**

### Course Overview

The **Advanced Level Test Management 3.0** course is designed for experienced testing and quality assurance professionals who are responsible for planning, leading, and controlling testing activities in complex projects. This course focuses on advanced test management practices aligned with modern software development approaches such as Agile, DevOps, and hybrid models. Participants will gain the skills needed to manage test teams, optimize test processes, mitigate risks, and ensure high-quality software delivery.

### What You'll Learn?

By completing this course, you will be able to:

- Plan, monitor, and control testing activities at an advanced level
- Apply risk-based testing and prioritization techniques
- Manage test teams, resources, and stakeholders effectively
- Define and use meaningful test metrics and KPIs
- Integrate test management practices with Agile and DevOps models
- Drive continuous improvement in test processes and quality outcomes

### Target Audience

This course is ideal for:

- Test Managers and Senior Test Leads
- QA Managers and Quality Heads
- Test Consultants and Process Improvement Leads
- Delivery Managers with testing responsibility
- Experienced testers aspiring to leadership roles

## Pre-Requisites

Participants should have:

- Strong foundation in software testing principles
- Hands-on experience in test planning and management
- ISTQB Foundation Level certification or equivalent knowledge
- Familiarity with Agile or iterative development approaches

## Course Content

### Module 1: Advanced Test Management Fundamentals

- Role of the advanced test manager
- Test management in modern development environments
- Aligning test strategy with business objectives

### Module 2: Test Planning, Monitoring, and Control

- Advanced test planning techniques
- Progress tracking and reporting
- Managing deviations and corrective actions

### Module 3: Risk-Based Testing and Quality Governance

- Identifying and analyzing test risks

- Prioritizing testing based on risk and impact
- Quality governance and compliance

#### **Module 4: Test Team and Stakeholder Management**

- Building and leading effective test teams
- Communication and stakeholder engagement
- Managing distributed and cross-functional teams

#### **Module 5: Metrics, Reporting, and Decision Support**

- Defining effective test metrics and KPIs
- Data-driven decision making
- Reporting to different stakeholder groups

#### **Module 6: Continuous Improvement and Transformation**

- Test process improvement models
- Adapting to Agile, DevOps, and digital transformation
- Driving innovation and maturity in testing