

## ISTQB® Certified Tester Advanced Level – Test Management (CTAL-TM) v3.0

### Strategic Leadership in Software Test Management

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#### 1. Course Information

The **ISTQB® Certified Tester Advanced Level – Test Management (CTAL-TM) v3.0** certification equips professionals with the knowledge and competencies required to **manage, plan, monitor, and improve testing activities across the software development lifecycle.**

This advanced-level course focuses on strategic and operational aspects of test management, including **risk-based testing, project test strategies, metrics, estimation, defect management, stakeholder engagement, and team leadership.**

The CTAL-TM certification is internationally recognized and demonstrates professional competence in managing complex testing initiatives. The certificate has **lifetime validity** and supports career advancement toward senior leadership and expert-level certifications.

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#### 2. Who Should Attend This Course

This course is ideal for professionals involved in managing or coordinating testing activities, including:

- Test Managers
- Test Leaders and Test Coordinators
- Test Engineers and Test Analysts
- Test Consultants
- User Acceptance Testers
- Scrum Masters
- Project Managers and Product Owners
- Quality Managers and IT Leaders

It is suitable for professionals seeking to take responsibility for **strategic test management and leadership roles.**

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#### 3. Topics Coverage (4-Day Course)

##### C1: Managing the Test Activities

- The test process
- Context of testing
- Risk-based testing
- Project test strategy

- Improving the test process
- Test tools

## **C2: Managing the Product**

- Test metrics
- Test estimation
- Defect management

## **C3: Managing the Team**

- The test team
- Stakeholder relationship management

## **Business-Focused Learning Outcomes Integrated Across Modules**

- Strategic test planning and governance
  - Context-driven risk assessment
  - Continuous monitoring and reporting
  - Team development and process enhancement
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## **4. By the End of This Course, Participants Will Be Able To:**

Upon successful completion, participants will be able to:

- Develop and implement effective test strategies aligned with organizational objectives
  - Plan, monitor, and control test activities throughout the project lifecycle
  - Apply risk-based testing approaches to prioritize and optimize testing effort
  - Estimate testing effort and manage testing resources efficiently
  - Define and use meaningful test metrics for reporting and decision-making
  - Manage defect workflows and quality risks effectively
  - Communicate test progress and quality status to stakeholders
  - Lead and develop high-performing test teams
  - Improve test processes within projects and across the organization
  - Align testing governance with business and project objectives
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## **5. Course Duration**

- **Duration:** 4 Days
- **Mode:** Online / Face-to-Face (F2F)

- **Certification Validity:** Lifetime
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## 6. Exam Information (ISTQB® CTAL-TM v3.0)

- **Exam Duration:** 120 minutes
  - **Number of Questions:** 50 (Multiple Choice)
  - **Pass Mark:** 65%
  - **Extra Time:** 160 minutes for non-native English speakers
  - **Certification Level:** Advanced
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## 7. Pre-Requisites

Candidates must hold:

- **ISTQB® Certified Tester Foundation Level (CTFL) – Required**

Practical experience in software testing or software development (minimum 6 months recommended).

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## 8. Additional Information

### Certification Body

- Malaysian Software Testing Board (MSTB) as an appointed local chapter for International Software Testing Qualifications Board (ISTQB®)

### Training Approach

- Instructor-led, interactive sessions
- Real-world management case discussions
- Practical examples of test planning and governance
- Exam preparation guidance

### Delivery Mode

- Classroom (Face-to-Face)
- Virtual Instructor-Led Training (VILT)
- Corporate / In-house training available

### Materials Provided

- Official ISTQB® CTAL-TM v3.0 training materials
- Sample exam questions
- Course completion certificate

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### **Why Choose This Course?**

- ✓ Globally recognized Advanced Level certification
- ✓ Strong focus on strategic test leadership
- ✓ Applicable across Agile, DevOps, and traditional projects
- ✓ Ideal for professionals progressing into test management roles
- ✓ Lifetime certification validity