



**MYSkillBridge**  
ACADEMY

DURATION **4 DAYS** MODE : ONLINE/F2F

Bridging Talent to  
**Quality Engineering,  
AI & Cybersecurity**

Strengthen your software testing knowledge and skill with

ISTQB Certified

# **Tester Advanced Level - Test Analyst (CTAL-TA)**

Course :

This course is designed to help participants prepare for the CTAL-TA examination. It also assists software professionals to:

- Increase value in the global industry and organization
- Add value to own credentials & career path
- Apply consistent and good testing practice within all software engineering disciplines.

Who should attend:

- Testers, test analysts, test engineers, test consultants, test managers, user acceptance testers and software developers.
- Project managers, quality managers, software development managers, business analysts, IT directors and management consultants who want a deeper understanding of software testing.

MYSkillBridge Academy  
P13A-1 JALAN AVENUE 1, KARAK AVENUE,  
28600 KARAK, PAHANG DARUL MAKMUR

smo@lhskillsacademy.my

**09 231 7128**



www.myskillbridge.my



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## Bridging Talent to **Quality Engineering, AI & Cybersecurity**

# Topics Coverage over four days course duration

### Chapter 1 Testing Process

- Testing in the Software Development Lifecycle
- Test Planning, Monitoring and Control
- Test Analysis
- Test Design
- Test Implementation
- Test Execution
- Evaluating Exit Criteria and Reporting
- Test Closure Activities

### Chapter 2 Test Management: Responsibilities for the Test Analyst

- Test Progress Monitoring and Control
- Distributed, Outsourced and Insourced Testing
- The Test Analyst's Tasks in Risk-Based Testing

### By the end of the course, participants will be able to :

- Perform the appropriate testing activities based on the particular software development lifecycle being used.
- Determine the proper prioritization of the testing activities based on the information provided by the risk analysis.
- Provide the appropriate level of documentation relevant to the testing activities.
- Determine the appropriate types of functional testing to be performed.
- Select and apply appropriate testing techniques to ensure that tests provide an adequate level of confidence, based on defined coverage criteria.
- Effectively participate in formal and informal reviews with stakeholders, applying knowledge of typical mistakes made in the work products.
- Design and implement a defect classification scheme.
- Apply tools to support an efficient testing process.

### Chapter 3 Test Techniques

- Specification-Based
- Defect-Based
- Experience-Based

### Chapter 4 Testing Software Quality Characteristics

- Quality Characteristics for Business Domain Testing

### Chapter 5 Review

- Introduction
- Using Checklists in Reviews

### Chapter 6 Defect Management When Can a Defect be Detected?

- Defect Report Fields
- Defect Classification
- Root Cause Analysis

### Chapter 7 Test Tools

- Test Tools and Automation

