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custommedia ACADEMY

Custommedia Academy is a training outfit of Custommedia Sdn Bhd (210378-U)

Strengthen your knowledge and skill with **ISTQB Certified Tester Advanced Level-Technical Test Analyst (CTAL-TTA) course**

This course is designed to help participants prepare for the CTAL-TTA 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

Topics Coverage over three days course duration

Chapter 1 The Technical Test Analyst's Tasks in Risk-Based Testing
- Risk Assessment
- Risk Mitigation

Chapter 2 Structure-Based Testing
- Condition Testing
- Decision Condition Testing
- Modified Condition/Decision Coverage (MC/DC)
- Multiple Condition Testing
- Path Testing
- API Testing
- Selecting a Structure-Based Technique

Chapter 3 Analytical Techniques
- Static Analysis
- Dynamic Analysis

Chapter 4 Quality Characteristics for Technical Testing
- General Planning Issues
- Security Testing
- Reliability Testing
- Performance Testing
- Resource Utilization
- Maintainability Testing
- Portability Testing

Chapter 5 Review
- Introduction
- Using Checklists in Reviews

Chapter 6 Test Tools and Automation
- Integration and Information Interchange Between Tools
- Defining the Test Automation Project
- Specific Test Tools

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
- Recognize and classify the typical risks associated with the performance, security, reliability, portability and maintainability of software systems
- Create test plans which detail the planning, design and execution of tests for mitigating performance, security, reliability, portability and maintainability risks
- Select and apply appropriate structural design techniques to ensure that tests provide an adequate level of confidence, based on code coverage and design coverage
- Effectively participate in technical reviews with developers and software architects applying knowledge of typical mistakes made in code and architecture
- Recognize risks in code and software architecture and create test plan elements to mitigate those risks through dynamic analysis
- Propose improvements to the security, maintainability and testability of code by applying static analysis

TRAINING PARTNER

MBOT
LEMBAGA TEKNOLOGI MALAYSIA
MALAYSIA BOARD OF TECHNOLOGISTS

REGISTERED HRD CORP TRAINING PROVIDER

HRD CORP CLAIMABLE

DURATION **3 DAYS** **MODE: ONLINE/F2F**

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