

ENHANCE YOUR CAREER GROWTH!

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Boost your Software Testing skills through **ISTQB Advanced Security Tester** course

The Advanced Level Security Tester (CTAL – SEC) course is aimed at people who have already achieved an advanced point in their careers in software testing and wish to develop further their expertise in security testing. The modules offered at the Advanced Level cover a wide range of testing topics. Its syllabus is intended to build upon the knowledge of a Foundation Level tester who has some experience in security testing and wishes to build on that knowledge.

Who should attend:

Foundation Level testers who have some experience in security testing and wish to build on that knowledge.

Topics Coverage over three days course duration

Chapter 1: The Basis of Security Testing

Chapter 2: Security Testing Purposes, Goals and Strategies

Chapter 3: Security Testing Processes

Chapter 4: Security Testing Throughout the Software Lifecycle

Chapter 5: Testing Security Mechanisms

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

- Plan, perform and evaluate security tests from a variety of perspectives – policy-based, risk-based, standards-based, requirements-based and vulnerability-based.
- Align security test activities with project lifecycle activities.
- Analyse the effective use of risk assessment techniques in a given situation to identify current and future security threats and assess their severity levels.
- Evaluate the existing security test suite and identify any additional security tests.
- Analyse a given set of security policies and procedures, along with security test results, to determine effectiveness.
- For a given project scenario, identify security test objectives based on functionality, technology attributes and known vulnerabilities.
- Analyse a given situation and determine which security testing approaches are most likely to succeed in that situation
- Identify areas where additional or enhanced security testing may be needed.
- Evaluate effectiveness of security mechanisms
- Help the organization build information security awareness



DURATION 3 DAYS

MODE: ONLINE/F2F



Custommedia Sdn Bhd (210378-U)
Lot 1-G Jalan Kenari 13A Bandar
Puchong Jaya 47170 Puchong, Selangor

Tel: +603 8082 9680



+6011 5112 4480



enquiry@custommedia.com.my



Custommedia Academy



custommediaacademy.my