GAQM®

Global Association for Quality Management

Certified Advanced Software Security Tester (CASST) ®

Course Outline

www.gaqm.org

What Modules are covered?

Module 1 - Improving the Security Testing Practices

Module 2 - Security Test Process Definition

Module 3 - Lifecycle Alignment and Security Testing Tasks

Module 4 - Security Test Planning

Module 5 - Security Test Design

Module 6 - Implementing Policy-Based Security Tests

Module 7- Security Test Execution

Module 8 - Security Test Evaluation

Module 9 - Security Test Maintenance

Module 10 - Role of Security Testing in a Lifecycle

Module 11 - The Role of Security Testing in Design

Module 12 - The Role of Security Testing in Implementation Activities

Module 13 - Component Test Analysis & Design

Module 14 - Analyzing Component Test Results

Module 15 - Component Integration Test Analysis & Design

Module 16 - The Role of Security Testing in System and Acceptance Test Activities

Module 17 - Definition of Security-Oriented Acceptance Criteria

Module 18 - The Role of Security Testing in Maintenance

Module 19 - Testing the Effectiveness of System Hardening

Module 20 - Authentication and Authorization

Module 21 - Firewalls and Network Zones

Module 22 - Encryption, Intrusion Detection, Malware Scanning and Data Obfuscation

Module 23 - Training

Module 24 - Security Awareness

Module 25 - Attack Motivations

Module 26 - Social Engineering and Security Awareness

Module 27 - Revising Security Expectations

Module 28 - Security Test Reporting

Module 29 - Reporting Security Test Status

Module 30 - Reporting Security Test Results

Module 31 - Types and Purposes of Security Test Tools

Module 32 - Tool Selection

Module 33 - Open Source Tools

Module 34 - Benefits of Standards

Module 35 - Applying Security Standards

(End of Page)

www.gaqm.org