

Certified Secure Web Application Engineer

This course provide the developer with a through and broad understand of secure application concepts, principles and standards. By the end of the course, students can expect to obtain real world security knowledge that enables them to recognize vulnerabilities, exploit system weakness and help safeguard against application threats.

Venue : Suite 12-12, Level 12th, Wisma Zelan No1, Jalan Tasik Permaisuri 2, Bandar Tun Razak, 56000, Kuala Lumpur.

Key Information

Duration: 4 days

Class Format Options:

- Instructor-led classroom

Prerequisites:

- A minimum of 24 months experience in software technologies & security
- Sound knowledge of networking
- At least one coding language
- Linux understanding
- Open shell

Student Material:

- Student Workbook
- Student Lab Guide
- Prep Guide

CPEs: 32

Who Should Attend:

- Coders
- Web Application Engineer
- IS Managers
- Application Engineers
- Developers
- Programmers

What You Will Learn?

Course Content

Module 1: Web Application Security

Module 2: OWASP Top 10

Module 3: Threat Modelling & Risk Management

Module 4: Application Mapping

Module 5: Authentication and Authorization Attacks

Module 6: Session Management Attacks

Module 7: Application Logic Attacks

Module 8: Data Validation

Module 9: AJAX Attacks

Module 10: Code Review and Security Testing

Module 11: Web Application Penetration Testing

Module 12: Secure SDLC

Module 13: Cryptography

Lab Content

Lab 1: Environment Setup and Architecture

Lab 2: OWASP Top 10 2013

Lab 3: Threat Modelling

Lab 4: Application Mapping & Analysis

Lab 5: Authentication and Authorization Attacks

Lab 6: Session Management Attacks

Lab 7: AJAX Security

Lab 8: Code Review and Security Testing

Lab 9: Code Review

Lab 10: Security Test Scripts

Lab 11: Writing Java Secure Code

Lab 12: WebGoat & WebScarab

Lab 13: WebGoat – Cross Site Request Forgery (CSRF)

Lab 14: Missing Function Level Access Control

Lab 15: Perform Forced Browsing Attacks

Please contact
commercial@sysarmy.net
for more information

ACCREDITATIONS



is ACCREDITED by the NSA CNSS 4011-4016
is MAPPED to NIST/Homeland Security NICCS's Cyber Security Workforce Framework
is APPROVED on the FBI Cyber Security Certification Requirement list (Tier 1-3)