TOIT TRAINING LLC

Certified Secure Web Application Engineer (CSWAE)

Overview: This Official Mile2® cyber security certification training series covers everything you need to know about becoming a Certified Secure Web Application Engineer. Students will learn about web application security, secure SDLC, OWASP TOP 10, risk management, threat modeling, authentication and authorization attacks, session management, security architecture, input validation and data sanitization, AJAX security, insecurity code discovery and mitigation, application mapping, cryptography, and testing methodologies

As a Secure Web Application Engineer you will know how to identify, mitigate and defend against security vulnerabilities in software applications, through designing and building systems that are resistant to failure. You will keep organizations safe when they are conducting business through the internet. Possessing secure coding skills is a necessity in today's world when the internet is one of the most dangerous places to do business, with countless cases of information being stolen from businesses because there was a vulnerability in their web applications.

1001 Wilshire Boulevard #1071
Los, Angeles, CA 90017
support@toittraining.com
(909) 760-0217
(909) 760-0218 Fax
https://toittraining.com

Course Modules:

Module 01 – Web Application Security

(Duration: 1h 20m)

1. Workbook (Pdf)
2. Web Application Security
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 02 – Secure SDLC

(Duration: 1h 06m)

1. Workbook (Pdf)
2. Secure SDLC
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 03 – OWASP TOP 10

(Duration: 28m)

1. Workbook (Pdf)
2. OWASP TOP 10
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 04 – Risk Management

(Duration: 34m)

1. Workbook (Pdf)
2. Risk Management
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 05 – Threat Modeling

(Duration: 18 m)

1. Workbook (Pdf)
2. Threat Modeling
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 06 – Authentication and Authorization Attacks

(Duration: 24 m)

1. Workbook (Pdf)
2. Authentication and Authorization Attacks
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 07 – Session Management

(Duration: 35m)

1. Workbook (Pdf)
2. Session Management
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 08 – Security Architecture

(Duration: 29m)

1. Workbook (Pdf)
2. Security Architecture
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 09 – Input Validation and Data Sanitization

(Duration:24m)

1. Workbook (Pdf)
2. Input Validation and Data Sanitization
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 10 – AJAX Security

(Duration: 5m)

1. Workbook (Pdf)
2. AJAX Security
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 11 – Insecurity Code Discovery and Mitigation

(Duration: 39 m)

1. Workbook (Pdf)
2. Insecurity Code Discovery and Mitigation
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 12 – Application Mapping

(Duration: 7m)

1. Workbook (Pdf)
2. Application Mapping
3. **Review Quiz (Number of attempts allowed: Unlimited)**

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Module 13 – Cryptography

(Duration: 26m)

1. Workbook (Pdf)
2. Cryptography
3. **Review Quiz (Number of attempts allowed: Unlimited)**

Module 14 – Testing Methodologies

(Duration: 31 m)

1. Workbook (Pdf)
2. Testing Methodologies
3. **Review Quiz (Number of attempts allowed: Unlimited)**

This course includes

- about 6.48 hours on-demand video
- 14 downloadable Pdf Workbooks
- Unlimited time access (During Membership)
- Access on mobile and Desktop
- Certificate of Completion

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