**CONDITION ZEBRA**™

# THE COMBAT OF WEB APPLICATION: HACKER VS DEVELOPER

Our aim is to train Information Security Professionals, IT Professionals or anyone interested in cultivating the **right skills and knowledge** to learn the process of **web application penetration testing**, **web application vulnerability assessments** and ways to protect against cyberattacks.

| Online Training | Hands-on Training | Right Methodology |
|---|---|---|
| You will learn and improve your **Web Penetration Testing skills** via Online Training using Microsoft Teams Meeting. | We will provide all the **necessary tools to download for free** and give you details to prepare one day before the training starts. There is no hidden or additional cost involved. | Learn our **Web Penetration Testing methodology** refined by experts with years of experience conducting Web Penetration Testing projects for thousands of clients. |
| **Top Rated Trainer** | **Certificate of Attendance** | **100% Fully Claimable** |
| 80% practical hands-on training with a focus on **skill development** from a **top-rated IT security expert trainer.** | Get an **e-certificate of attendance** from leading Cybersecurity training provider. | Training is **fully claimable** under HRD Corp. (Human Resource Development Corporation). |

**be confident** your system is in safe hands.

**The Combat of Web Application: Hacker vs Developer** is two days of live virtual training with an emphasis on 80% practical hands-on training that focuses on developing web penetration testing skills.

In this training, we shall learn the process of web application penetration testing, web application vulnerability assessments and ways to protect against incoming threats in the manner of virtual hands-on training. **Optional 2-hour** mentoring sessions are included to help participants hone and practice their skills.

*It's recommended that participants should have basic programming language and prior experience in managing, developing or testing web applications.*

## COURSE OUTLINE

### Day 1

**Module 1: Introduction to Web Application Penetration Testing**
**1.1** Introduction to Information Security
**1.2** Penetration Testing and its Necessity
**1.3** Different Stages of Penetration Testing
**1.4** Learn to do Penetration Testing
**1.5** Cyber Law against Hacking
**1.6** Introduction to OWASP Top 10 Web Application Risks

**Module 2: Web Application Architecture & Development**
**2.1** Typical Web Application Architecture
**2.2** Designing a Sample Webpage
**2.3** Fundamental Web Application Security

**Module 3: HTTP Basics**
**3.1** Introduction to HTTP
**3.2** HTTP Methods
   **3.2.1** Safe Methods
   **3.2.2** Unsafe Methods
**3.3** HTTP Status Codes
**3.4** HTTP Security Issues
**3.5** List of HTTP Security Headers
**3.6** HTTPS

**Module 4: Information Gathering**
**4.1** Passive Information Gathering
   **4.1.1** Search Engine Reconnaissance
   **4.1.2** Fingerprint Web Server
**4.2** Active Information Gathering
   **4.2.1** Identifying Application Entry Points

**Module 5: SQL Injection**
**5.1** Introduction to SQL Injection
**5.2** Automating SQL Injection
**5.3** Remediation

### Day 2

**Module 6: Cross-Site Scripting (XSS)**
   **6.1** Types of XSS
   **6.2** Mitigation

**Module 7: Cross-Site Request Forgery (CSRF)**
   **7.1** How to test?
   **7.2** Sample X-CSRF Token Implementation
   **7.3** Fixing the Right Way

**Module 8: File Inclusion Attacks**
   **8.1** Local File Inclusion
   **8.2** Remote File Inclusion
   **8.3** Prevention

**Module 9: Mastering Burp Suite**
   **9.1** Burp Suite as a Proxy
   **9.2** Community Version vs. Licensed
   **9.3** Components of Burp Suite

**Day 1**: 9am to 1pm
**Day 2**: 9am to 1pm
**Day 2**: 2pm to 4pm (optional)
**Platform**: Microsoft Teams Meeting
**Duration**: 8 hours +  2 hours mentoring (optional)

✓ **Certificate of Attendance**

## Who Should Attend

- Web Administrator
- Web/Mobile Application Developer
- Application Security Analyst
- Information Technology Professionals
- Information/Web Security Professionals
- Other Business or IT Professionals who are responsible for Web Application Security, Data Protection or tasked with building secure Web Applications.

✓ Trained by **award-winning Cybersecurity training provider** with top rated IT security specialist.

✓ **80% practical hands-on training** with focus on skill development to successfully learn how to conduct Web Penetration Testing.

✓ Get an **e-certificate of attendance** from leading Cybersecurity training provider.

✓ Training is **100% fully claimable** under HRD Corp. (Human Resource Development Corporation).

✓ Materials and **technical support provided** - Training guide, supporting materials and training access link.

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www.condition-zebra.com