



# Web Hacking

This is an entry-level web application security testing class and also a recommended pre-requisite class before enrolling for our “Advanced Web Hacking” class. This foundation class of “Web Hacking” familiarises the attendees with the basics of web application and web application security concerns. A number of tools and techniques, backed up by a systematic approach on the various phases of hacking will be discussed during this 2-day class. If you would like to step into a career of Ethical Hacking / Penetration Testing with the right amount of knowledge, this is the right class for you.

This class familiarises the attendees with a wealth of tools and techniques required to breach and compromise the security of web applications. The class starts by discussing the very basics of web application concepts, and gradually builds up to a level where attendees can not only use the tools and techniques to hack various components involved in a web application, but also walk away with a solid understanding of the concepts on which these tools are based.

The class will also talk about industry standards such as OWASP Top 10 and PCI DSS which form a critical part of web application security. Numerous real life examples will be discussed during the class to help the attendees understand the true impact of these vulnerabilities.

## Class Outline

### DAY 1

#### Information Gathering, Profiling and Cross-Site Scripting

- Understanding HTTP Protocol
- Identifying the Attack Surface
- Username Enumeration
- Information Disclosure
- Issues with SSL/TLS
- Cross-Site Scripting
- Cross-Site Request Forgery

### DAY 2

#### Injection, Business Logic, and File Uploads

- SQL Injection
- XXE Attacks
- OS Code Injection
- Local/Remote File Include
- Cryptographic Weakness
- Business Logic Flaws
- Insecure File Uploads

## Who Should Attend

One of the most important questions, who can take this class? As we have already described that this is an entry level class and can be attended by:

- Security enthusiasts
- Anybody who wishes to make a career in this domain and have some knowledge of network and applications
- Web Developers
- System Administrators
- SOC Analysts
- Network Engineers
- Penetration Testers who are wanting to level up their skills

## Prerequisites

Students should bring their laptop with windows operating system installed (either natively or running in a VM). Further, students must have administrative access to perform tasks such as installing software, disabling antivirus etc. Devices that don't have an Ethernet connection (e.g. MacBook Air, tablets etc.) will not be supported during the class.

For more information contact  
**+44 1223 653193**  
**contact@notsosecure.com**