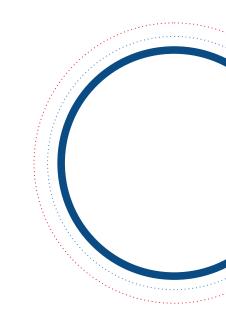


# WEB SECURITY





#### **Course Overview**

While using hands-on labs, this short course presents the most common security vulnerabilities that plague web sites and applications, and how to exploit these vulnerabilities in order to better defend against them.

Topics covered include command injection, file upload and inclusion, SQL injection, cross-site scripting (both reflected and stored) and cross-site request forgery.

## Materials to bring + vm

Laptop computer able to run 64-bits virtual machines.

VMware Workstation 11+, or VMware Fusion 6+, or VMware Player 11+

### Course prerequisites </>

Medium-level web technology knowledge: HTML 5, Javascript, PHP, relational databases

### **Course Breakdown**

Day 1 Server-side attacks

- Command injection
- File inclusion
- File uploadSQL injection

Day 2 Client-side attacks

- Reflected cross-site scriptingStored cross-site scriptingCross-site request forgeryEnhancing the defensive posture

