

**Title:** Penetration Testing 101

**Date/Time:** (2-Days) Wednesday-Thursday, April 11-12, 8am-5pm

**Description:**

Two experienced security consultants will cover performing basic penetration testing and how to produce repeatable results using a standard methodology. In this course, participants will use a test lab to gain hands-on experience applying each phase of the methodology.

**Instructor 1:** Tim Elrod (@ri0t)

**Instructor 2:** Lars Cohenour (@LarsCohenour)

**Course Outline:**

- Discovery
  - Passive Discovery
  - Active Discovery
- Enumeration
  - Automated Service Enumeration o Manual Service Enumeration
  - Web Application Enumeration
- Vulnerability Identification
  - Automated Identification o Manual Identification
  - Web Application Testing
- Exploitation
- Post-Exploitation
  - Privilege Escalation
  - Pivoting

**Who Should Attend:**

This course is intended for any Information Security or IT professionals who want to learn the basic steps of penetration testing.

**Student Requirements** (what should they bring with them)

Participants will need a laptop running Kali Linux in a virtual machine or from a bootable USB.