

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

Penetration Testing

Course Description:

This is a 5-day course covering the principles of penetration testing, including hands-on practice with some of the tools available. Students will learn the differences between a hacker and a Penetration Tester before going on to study the types of procedures followed by the professional penetration tester. Common vulnerabilities of computer systems are discussed along with methods used by penetration testers to take advantage of them. This course is suitable for those IT professionals who will be required to test their own internal networks or the networks of an external client.

*** Delegates are encouraged to take the OPST ACCREDITED CERTIFICATION exam. The OPST Accreditation is the official security testing accredited certification based on the Open Source Security Testing Methodology Manual (OSSTMM). The OSSTMM provides a complete methodology on performing security testing from the outside to the inside. It is also beneficial in testing from the internal network to the DMZ and the DMZ to the internal network.

Pre-requisites:

A good knowledge of networks and communicating across LANs and WANs.

Course Content:

- **ISECOM and Methodologies**
- **Building a Testing Environment**
- **Vulnerabilities**
- **Internet Research**
- **Network Surveying**
- **System Services Identification**

21a Peach Street Wokingham Berkshire RG40 1XJ

Tel 0118 979 4000 **Fax** 0118 979 4035 **Email** training@ptr.co.uk **www** www.ptr.co.uk

Registered Office: Grenville Court Britwell Road Burnham Bucks SL1 8DF Company Registered No: 2442290 – VAT registration No:532 1929 56

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

- **Sniffers**
- **Social Engineering**
- **War-Dialling**
- **Internal Penetration**
- **Vulnerability Scanners**
- **Password Crackers**
- **Intrusion Detection Systems**
- **Firewalls**

Course Duration: 5 Days