

Associate Security Tester Course (AST) 3 day theory & practical



During the AST course candidates are taught the theoretical & practical aspects of penetration testing in a real-life, hands on scenario.

You will take part in a mock penetration test against a fictitious client, however the tools and techniques used will be very real. From the moment they walk into the class, candidates will be introduced to the highly technical, and sometimes not so technical world of penetration testing. Whether you are manipulating network traffic to grab passwords with Ettercap, intercepting wireless network traffic with Aircrack or seeking out vulnerabilities with Metasploit - you will find yourself in a fascinating and engaging environment that will prepare you for the role of pen tester, just a small step away from GCHQ/CESG recognised QSTM qualification.

To Book Call:

0330 100 2345 or

emmie@encription.co.uk

Duration: 3 Days

**Why not book AST + QSTM and
receive a discount?**

Who is the course designed for?

- Anyone in public or private enterprises who are involved in or interested in vulnerability/ penetration testing and IT Security.
- Anyone wishing to progress further by taking the CHECK TEAM MEMBER (CTM) exam or become a Senior Security Tester (SST) which have CESG CHECK equivalence.

Qualification

Our training courses are set, marked and awarded by the **University of Glamorgan**.

Successful candidates will receive certification and become 'Associate' members of TigerScheme.



Course Objectives

After attending delegates will have an understanding of, and have been assessed in,

- Information security in the corporate world
- Professionalism and communication skills
- Ethics and the law
- Core network protocols
- Network enumeration and network mapping
- Network device management and exploitation
- Service enumeration
- Service topology/dependency mapping
- Service management and exploitation
- Application enumeration and profiling
- Application and operating system management
- Application and operating system exploitation and manipulation



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TIGERScheme





Key points Covered:

- Key security standards and issues.
- Professional / ethical behaviour in the area of vulnerability testing.
- Key communications and project management skills for vulnerability testing.
- The OSI model of networking.
- IP, TCP, UDP and ICMP protocols including IP based routing and the TCP state chart.
- Key network services including DNS.
- How a TCP/IP network can be profiled and have its topology mapped.
- How to configure and manage a network Device.
- How to subvert a network and bypass network based security mechanisms.
- The role and function of service in a network enabled environment and the techniques associated with service enumeration.
- How critical service dependences within a network enabled environment can be enumerated and validated.
- How services should be managed and can be manipulated and exploited.
- How applications and operating systems should be configured and managed, and the ways in which they can be subverted.

Assessment

Assessment consists of an 80 question multiple choice examination on the final day of the course.

(multiple choice marks of successful candidates are valid towards our QSTM for 13 weeks)



Pre-requisites:

- Experience of Windows and Linux based operation systems in a networked Environment.
- Knowledge of network fundamentals. (IP addressing, subnets, routing)
- Familiarity with the TCP/IP stack and OSI Model.
- Knowledge of common internet protocols. (HTTP,FTP,DNS etc)

Where is the Course and Exam held?

Encription's offices, Kidderminster, Worcestershire, DY11 7PG

Course Dates

16th—18th January 2012

27th—29th February 2012

12th—14th March 2012

23rd—25th April 2012

14th—16th May 2012

Qualified Security Team Member (QSTM)

Why not test your penetration testing skills to probably the highest standard in the world— GCHQ CESG equivalent standards?

Attending our 2 day QSTM gives you further **practical** penetration testing techniques.

RECEIVE A DISCOUNT

When you book
AST (3day) + QSTM (2day)
at the same time.

For further information and bookings please contact:

emmie@encription.co.uk