

## I.T Health Check Management (ITHCM) 1 day Course



**ITHCM provides candidates with the tools and techniques necessary to ensure that the objectives of security testing are met.**

### Who is the course designed for?

Anyone who needs to specify, procure, manage and/or interpret vulnerability assessments (penetration tests)

### Qualification

Successful candidates will receive a 'Certificate of Attainment' from the University of Glamorgan and will become members of the TigerScheme.



### The course is divided into two parts:

**Part one** – an overview of technical background.

**Part two** – covers the management aspects.

To Book Call:

**0330 100 2345**

or

**emmie@encription.co.uk**

**Duration: 1 Day**

**Cost: Price on application**

### Course Objectives

#### The technical background covers:

- Basic network security
- An overview of the threats
- The basics of the testing process
- Maximising the benefit through linkages

#### The management section covers:

- Professionalisation schemes and qualifications
- Scoping the tests.
- Liabilities and responsibilities
- Comparing proposals
- Testing in practice
- Reporting



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TIGERScheme



## The technical background covers:

### Basic network security

- Firewall functionality
- Lockdown and hardening
- The principals of intrusion detection.
- Intrusion prevention systems.

### An overview of the threats

- Network level attacks
- Application level attacks (SOAP, XML, SQL Injection)
- Sources of vulnerability information and alerts

### The basics of the testing process

- Vulnerability analysis
- Application level testing
- Password cracking

### Maximising the benefit through linkages

- With configuration/change/patch management and supporting procedures such as incident management.

## The management section covers:

### Professionalisation schemes and qualifications

- Existing ones and their status and when they should be applied.
- The need for competition rotating service providers.

### Scoping the tests.

- The importance of stating objectives.
- Scoping the minimum device set.
- The need for, and correct use of sampling.
- Rolling out the results.
- Testing of live systems and testing of pre-go-live .



### Liabilities and responsibilities

- Typical dependencies on each party.

### Comparing proposals

- Using testing days vs reporting days.

### Testing in practice

- Adding ITHC activities to a project plan.
- Likely things that go wrong, types of contingency.

### Reporting

- Including the benefits of daily wash-up
- The need for a final wash-up discussion
- Who should attend.
- Maintaining assurance in the system going forward, managing test connections.

## **Examination**

There is a multiple choice assessment at the conclusion of the course.

## **Pre-requisites:**

- An outline knowledge of networking and applications.
- Knowledge of project management including the ability to interpret a project plan.
- A basic understanding of contractual terms and conditions.

## **Where is the course held?**

*Encription's offices, Kidderminster, Worcestershire.*

