

## COURSE OUTLINE

# INCIDENT RESPONSE

## Certified Cyber Threat Hunter (CCTH)



**SPECIALIST-LEVEL COURSE**

Cost: **£2,995.00 +VAT**

Duration: **5 days**

This is a specialist-level course for those security professionals involved in network security, security operations, incident response or penetration testing looking to develop in their role or wishing to enhance their proactive skills in detecting and mitigating threats.

### WHAT WILL I LEARN?

You will learn and practice the skills and understanding needed to conduct a thorough threat hunt within a live enterprise environment

### UPON COMPLETION OF THE COURSE YOU WILL HAVE LEARNT

- How to effectively conduct and automate data collection from remote locations using built-in and third-party tools so that vital clues and potential threats will not be missed
- How to correlate and analyse data to successfully identify active and passive threats already existing within a network

### HOW WILL I BENEFIT?

This course will give you:

- The skills to undertake your own threat hunts and develop your methodologies
- The ability to understand and correlate separate artefacts into larger patterns to better identify potential threats

### WHO SHOULD ATTEND?

Experienced cyber security professionals, senior SOC analysts, incident responders and penetration testers looking to enhance their skillsets to understand how to look for and collect artefacts pertaining to an attack or data breach.

### PREREQUISITES

This is an advanced course. Delegates wishing to attend should have a good working knowledge of PowerShell including WMI and command line tools. A good working knowledge of attack techniques, networking, malware investigations, including network and forensic investigations are also prerequisites for attending this course.

### WHAT QUALIFICATION WILL I RECEIVE?

Upon successful completion of the practical exam, you will be awarded the Certified Cyber Threat Hunter qualification.

To find out if our cyber training is right for you, and to make a booking, contact our education team on 01763 285 285 or email [education@7safe.com](mailto:education@7safe.com)

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### SYLLABUS

Throughout the course, your time will be split between learning the methods and principals required to conduct a successful threat hunt within an enterprise environment and applying these in practical, hands-on exercises based on real-life scenarios.

Topics covered will include:

#### 1. Applicable law and standards

- Relevant legislation
- ISO Standards
- Competency

#### 2. Theory & models

- What is Threat Hunting?
- Hunting principals
- Relevant frameworks
- Threat types

#### 3. Computer networks & environments

- Network infrastructure
- Network nodes

#### 4. Practical considerations

- Security monitoring
- Operating System-based
- File System-based
- Network-based

#### 5. Information gathering & data collection

- Scoping
- Existing information
- Scripting and automation
- Tools & techniques
- Data collection

#### 6. Interpretation and analysis

- Data aggregation & normalisation
- Interpretation
- Analysis

#### 7. Threat hunting exercises

- Three 1 day labs
- Realistic threat hunting scenarios
- In-depth learning of relevant attacker tactics, threats and procedures

#### 8. Practical final exercise and exam based on the methods and techniques learned throughout the course

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