COURSE OUTLINE

INCIDENT RESPONSE
Certified Cyber Threat Hunter (CCTH)

CERTIFIED CYBER THREAT HUNTER · CCTH · INCIDENT RESPONSE ·

● ● ● ○ **SPECIALIST-LEVEL COURSE**　　Cost: **£3,250.00 +VAT**　　Duration: **5 days**

This is a specialist-level 5-day course for those cyber security professionals involved in network security, security operations or incident response 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?
This course is ideal for experienced cyber security professionals who wish to extend their skills such as:

- Network security/ admininstrators/engineers
- Senior SOC analysts
- Incident responders
- Other cyber/digital investigators

PREREQUISITES
This is an advanced course. Delegates wishing to attend should have a good working knowledge of PowerShell (including PowerShell scripting) together with WMI, CIM and console tools generally. A good working knowledge of attack techniques, networking, malware investigations together with experience of conducting forensic and network 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.

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To find out if our cyber training is right for you, or to make a booking, call our education team on 01763 285 285 or email cybereducation@paconsulting.com

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SYLLABUS

Throughout the course, the vast majority of your time will be spent conducting practical, hands-on exercises based on real-life scenarios.

Topics covered will include:

1. **Theory & models**
   a. What is Threat Hunting?
   b. Hunting principals
   c. Relevant frameworks
   d. Threat types

2. **Computer networks & environments**
   a. Network infrastructure
   b. Network nodes

3. **Practical considerations**
   a. Security monitoring
   b. Operating System-based
   c. File System-based
   d. Network-based

4. **Information gathering & data collection**
   a. Scoping
   b. Existing information
   c. Scripting and automation
   d. Tools & techniques
   e. Data Collection

5. **Interpretation and analysis**
   a. Data aggregation & normalisation
   b. Interpretation
   c. Analysis

6. **Threat hunting exercises**
   a. Three one-day labs
   b. Realistic threat hunting scenarios
   c. In-depth learning of relevant attacker tactics, threats and procedures

7. **Graded final practical final exercise based on the methods and techniques learnt throughout the course**

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