



Othm Level 4 Diploma in **Cyber Security**



Overview

The OTHM Level 4 Diploma in Cyber Security provides learners with a solid foundation in both the theoretical principles and practical skills needed to understand and respond to today's evolving cyber threats. By exploring key areas of computer science and mathematics, learners build the analytical capabilities necessary to interpret and reason about security challenges. The course also equips them with a working knowledge of core subjects such as IT systems, computer architecture, networks, and operating systems, while offering hands-on experience in developing digital tools like databases and neural networks.

Learners gain insight into common system vulnerabilities and acquire the skills to analyse, mitigate, and recover from modern cyber attacks. This comprehensive approach prepares learners to navigate real-world security issues with confidence and adaptability in both personal and organisational contexts.

Qualification Structure

OTHM Level 4 qualifications reflect practical knowledge, skills, and competencies that are academically benchmarked to the Higher National Certificate (HNC) and equivalent to the first year of a three-year UK Bachelor's degree program.

Mandatory Units

- Information Technology Security (20 credits)
- Principles of Computer Science (20 credits)
- Algorithms and Data Structures (20 credits)
- Computer Networks (20 credits)
- Mathematics for Computer Science (20 credits)
- Operating Systems (20 credits)

Entry Requirements

These qualifications are intended for learners aged 18 and above.

Applicants are generally expected to meet one or more of the following entry criteria:

- A relevant Level 3 or equivalent qualification
- GCE A-Level with passes in three subjects or an equivalent qualification

Assessment

All units in this qualification are assessed internally and externally verified by OTHM to ensure quality and consistency. The qualification follows a criterion-referenced framework, meaning learners are evaluated based on their achievement of clearly defined learning outcomes.

Assessment is entirely assignment-based – there are no exams, allowing learners to demonstrate their understanding through practical, coursework-driven tasks.

Progression

Learners who successfully complete this qualification may progress into employment as assessors or continue their studies through more advanced qualifications.



Other Information

- ✓ **Mode of Study**
Online | Blended Learning
- ✓ **Duration**
Full Time - 1 year | Flexible
- ✓ **Credits and Intakes**
120 Credits | Gain Access and Start
- ✓ **Delivered and Awarded By**
Delivered by LCHS | Awarded by OTHM

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