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Level 5 Extended Diploma in Cyber Security

The OTHM Level 5 Extended Diploma in Cyber Security blends theoretical foundations with hands on technical training. Covering everything from networking and operating systems to emerging threats, the program prepares students to analyze and mitigate modern cyber risks. It serves as a direct pathway to professional security careers or advanced degree programs.

Key Highlights

Core Fundamentals: Computer science, networks, and operating systems.

Practical Skills: Software, database management, and digital security.

Strategic Goal: Threat analysis and incident response.

Outcomes: Readiness for the workforce or further university study.

ASSESSMENT

All units within this qualification are internally assessed by the LCHS and externally verified by OTHM. The qualifications are criterion referenced, based on the achievement of all the specified learning outcomes.

240
Credits

2 Year
Duration

TQT
2400

GLH
1200



EQUIVALENCES

OTHM Level 5 Extended Diploma qualifications represent practical knowledge, skills, capabilities and competences that are assessed in academic terms as being equivalent to Higher National Diplomas (HND) and Year 2 of a three-year UK Bachelor's degree programme.

ENTRY REQUIREMENTS

These qualifications are designed for learners who are typically aged 18 and above.

The entry profile for learners is likely to include at least one of the following:

Relevant Level 3 Diploma or equivalent qualification

GCE Advanced level in 2 subjects or equivalent qualification

Mature learners (over 21) with relevant management experience

English requirements: If a learner is not from a majority English-speaking country, they must provide evidence of English language competency.

QUALIFICATION STRUCTURE

The OTHM Level 5 Extended Diploma in Cyber Security qualification consists of 12 mandatory units, 240 credits, 2400 hours Total Qualification Time (TQT) and the recommended Guided Learning Hours (GLH) for this qualification is a minimum of 1200 hours.

To achieve the OTHM Level 5 Extended Diploma in Cyber Security, learners must achieve 240 credits, of which 120 credits are at Level 4 (6 units) and 120 credits are at Level 5 (6 units).

Ref. No.	Unit title	Level	Credit	GLH	TQT
A/651/4218	Information Technology Security	4	20	100	200
D/651/4219	Principles of Computer Science	4	20	100	200
J/651/4220	Algorithms and Data Structures	4	20	100	200
K/651/4221	Computer Networks	4	20	100	200
L/651/4222	Mathematics for Computer Science	4	20	100	200
M/651/4223	Operating Systems	4	20	100	200
R/651/4224	Security Testing	5	20	100	200
T/651/4225	Artificial Intelligence	5	20	100	200
Y/651/4226	Databases	5	20	100	200
A/651/4227	Digital Forensics	5	20	100	200
D/651/4228	Ethical Hacking	5	20	100	200
F/651/4229	Malware Analysis	5	20	100	200

PROGRESSION

Successful completion of the OTHM Level 5 Extended Diploma in Cyber Security provides learners the opportunity for a wide range of academic progressions.

As this qualification is approved and regulated by Ofqual (Office of the Qualifications and Examinations Regulation), learners are eligible to gain direct entry into Final year of a three-year UK Bachelor's degree.



More Information :

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