

uniathena

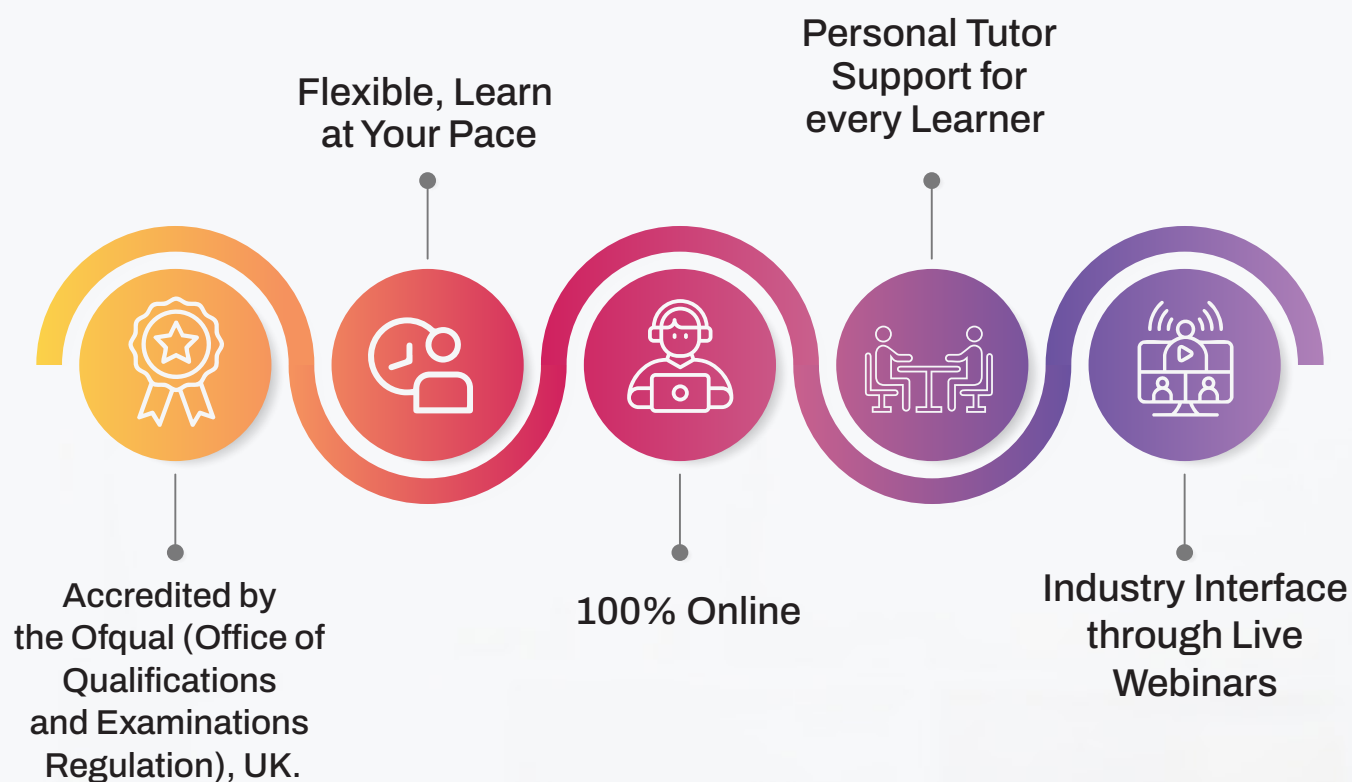


OTHM Level 4

Diploma in Cyber Security

othm[®]
qualifications





Program Snapshot



DURATION: 18 Months



MODULES: 6 Units (modules)



CREDITS: 120 UK Credits (Level 4)



DELIVERY MODE: Online



LEARNING MODEL: Flexible self-paced learning with structured academic content



AWARDING BODY: OTHM Qualifications, UK



PERSONAL TUTOR SUPPORT: Dedicated academic tutor support throughout the program



ASSESSMENT METHOD: Online Assignments/Project-based evaluation

Program Overview

As organisations become increasingly dependent on digital systems, cybersecurity has become a critical function across every industry. The OTHM Level 4 Diploma in Cybersecurity is designed to help learners develop the knowledge required to protect digital infrastructure and support secure business operations.

Built for those entering IT and cybersecurity for the first time, the program prepares learners for technical roles such as infrastructure support, network operations, and entry-level security functions. It strengthens their understanding of how systems operate, where vulnerabilities arise, and how secure digital environments are maintained.



Highlights of this course are:

- 01 Earn the OTHM Level 4 Diploma in Cybersecurity, awarded by OTHM Qualifications, UK.
- 02 OTHM Qualifications is a recognised awarding organisation in the UK, regulated by Ofqual (Office of Qualifications and Examinations Regulation).
- 03 This 120-credit program is delivered through 100% coursework-based assessment, focusing on practical understanding and real application.
- 04 Flexible Learning Duration: Complete the program over 18 months through a structured, module-based approach.

Why This Course?

01



Clear Foundation in Cybersecurity:

Understand how security works within systems, networks, and data environments.



Step-by-Step Technical Learning:

Build knowledge across programming logic, networks, and system operations.

02



03



Practical and Coursework-Based:

Learn through application and understanding, not just exams.



Progression Pathway:

Move forward into advanced cybersecurity or Information Technology qualifications with confidence.

04



Potential Career Roles



**Cybersecurity
Support Technician**



**Network Operations Centre
(NOC) Technician**



**IT Support
Technician**



**Information
Security Assistant**



**Network Support
Technician**



**Systems Support
Administrator**



**Infrastructure Support
Technician**



**Junior Cybersecurity
Analyst**



**Security Operations Centre
(SOC) Analyst (Entry Level)**



**Technical Support
Engineer**



Career Opportunities Across Industries

Cybersecurity professionals are in demand across organisations of every size. Upon completing this diploma, you'll have the foundational knowledge to pursue entry-level opportunities in industries including:



Banking & Financial Services



Healthcare



Government & Public Sector



Telecommunications



Information Technology



Manufacturing



Retail & E-commerce



Education



Career Progression



This qualification prepares you for entry-level roles in cybersecurity and IT support while creating a pathway to higher-level studies and professional development. As your experience grows, you can progress into specialised roles in cybersecurity, network security, information security, and IT infrastructure management.

MESSAGE FROM

Academic Director

UniAthena is committed to offering learners the highest quality international programs from Europe, the US, and other leading countries. We carefully select our partner universities to ensure every program is high-quality, practical, and aligned with industry needs. Our dedicated teaching and support staff focus on one goal: your success both in the digital classroom and in your career. With UniAthena, you always have committed support throughout your educational journey.

Our distinguished international faculty combine academic excellence with real-world corporate experience, ensuring you are prepared for further study and entry-level roles. We warmly welcome you to UniAthena, the new era of affordable, flexible, and accessible learning.

**Col (Rtd).
Anil Ahluwalia**

Academic Director
UniAthena



Who We Are

UniAthena is an online higher education provider offering flexible and affordable learning solutions. Our vision is to make quality higher education available to all, empowering people from all walks of life through flexible and cost-effective learning opportunities.

As the latest venture of the Westford Education Group, UniAthena is on a high-growth trajectory in the dynamic ed-tech space, building on over a decade of expertise in higher education. With our reach extending to over 143 countries, we provide globally relevant Master, Doctoral programs, Postgraduate Certificates, and Free Short Courses, all developed in collaboration with renowned European universities and qualification bodies.

UniAthena's mission is to help learners from diverse backgrounds achieve internationally accredited qualifications and professional growth through accessible, fully online programs. We have a legal presence in the UAE, the UK, and India. The entity operates in the UAE as Athena Global Education FZE.

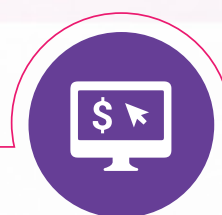


Why Choose UniAthena?



Flexible Learning

Choose between fixed or flexible schedules and bite-sized online modules perfect for busy professionals. This allows you to balance your education with personal and work commitments seamlessly.



Affordable Payment Plan

Pay-per-module and easy installment options (no hefty upfront fees; spread your investment comfortably). This financial flexibility makes advancing your career accessible without straining your budget.



Global Academic Partnerships

Study through a network of internationally recognised universities and awarding bodies. Your qualifications will be respected globally, opening doors to advanced career opportunities worldwide.



World-Class Faculty

Be guided by experienced faculty and industry professionals with strong academic expertise and practical industry experience across information technology, computing, cybersecurity, software engineering, artificial intelligence, and digital technologies. Their industry-driven insights help you develop practical, job-ready skills and apply technology solutions to real-world challenges.

Hear It From **Our Learners**



“I graduated not only with a degree but also with real skills and the confidence to thrive in the fast-paced data science industry.”

Ghulam Mohiuddin Khan

Senior Business Analyst
Singapore



Master in
Data Sciences



MBA in
Business
Intelligence
and Data
Analytics

“As a working professional in an international company, and someone balancing personal responsibilities as a mother, the flexibility of the platform proved invaluable.”

Christelle Assaf Bou Fadel

Product Care Executive
Lebanon



How you **Learn**

We provide a rich learning environment that fosters collaboration, innovation, and personal growth. Engage with a scientifically developed learning pedagogy that ensures a quality and effective journey for the learners. Enjoy a seamless learning experience tailored to your level of expertise on the subject matter.



Video Classes

The well-developed online video lessons designed by our faculty will lay the foundation for your learning.

Personal Tutor

One-to-one personal tutor meetings will clarify your doubts and also guide your assignments.



Online Library

You get unlimited access to the online library, which consists of a large collection of books, journals, articles, white papers, videos, case studies, and other publications.

Collaborative Learning

Discussion Forums, webinars, and business scenario presentations will extend your learning beyond the curriculum and open a new world before you.



We offer webinars with industry leaders and career development workshops to help you build your professional network and advance your career.



Learning Outcomes

By the end of this course, learners will be able to:

01

Demonstrate an understanding of cybersecurity, computer systems, networking, and operating systems

02

Explain the principles of information security, algorithms, data structures, and computational mathematics.

03

Use appropriate computing, networking, and security techniques to complete defined technical tasks

04

Demonstrate awareness of legal, ethical, and professional responsibilities in cybersecurity.

WHO IS THIS COURSE FOR?



Aspiring cyber security analysts and network security professionals



IT professionals transitioning into cybersecurity roles



Individuals targeting advanced technical careers in security

Program Structure

Unit Title	Level	Credit	Duration (Months)
Information Technology Security	4	20	3
Principles of Computer Systems	4	20	3
Algorithms and Data Structures	4	20	3
Computer Networks	4	20	3
Mathematics for Computer Science	4	20	3
Operating Systems	4	20	3
Total Duration			18 Months

*The Level and Credits are as per the UK/RQF Framework on this and following pages.



Module Description

Information Technology Security

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the fundamentals of cyber-security, covering the protection of digital systems, networks, software, and data. Learners will explore cyber threats, information security principles, risk mitigation strategies, and key techniques such as encryption and hashing.

Principles of Computer Systems

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the fundamental concepts of computer systems and hardware, covering how computers operate, system architecture, logic design, and performance. Learners will explore system design principles and gain an understanding of how computer components work together to process information.

Algorithms and Data Structures

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the fundamentals of algorithms, data structures, and computational complexity. Learners will explore linear and non-linear data structures, sorting and searching algorithms, and develop practical skills in designing, testing, and debugging algorithmic solutions.

Computer Networks

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the fundamentals of computer networking, including network models, protocols, and the TCP/IP architecture. Learners will explore networking devices, data communication, and gain practical skills in designing and implementing computer networks.

Mathematics for Computer Science

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the mathematical foundations essential for computer science, including binary numbers, Boolean logic, set theory, and linear algebra. Learners will develop the analytical and problem-solving skills needed to understand computational concepts and solve real-world computing challenges.

Operating Systems

Level: UK/EQF Level 4

Credits: 20 UK Credits

This unit introduces the core principles of operating systems, including process, memory, and resource management. Learners will explore how operating systems manage computer resources and gain practical knowledge of system functions and kernel-level operations.

Hear It From **Our Learners**



“Each module builds naturally on the previous one, making it easier to grasp concepts step by step”

Obaida Tellawi

Planning Manager
Saudi Arabia



MBA in
Business
Intelligence
and Data
Analytics



MBA in Digital
Transformation

“The course was well-structured, with clear modules that progressed logically from foundational concepts to more advanced insights”

Simbarashe M Mariri

Head of Strategy
Botswana



Assessment Method

Each module is evaluated through summative assessments. These assessments, along with reflective exercises, are designed to align with the intended learning outcomes of each module, encouraging continuous personal, professional, and academic development.

Admissions & Eligibility



Academic Route

- Aged 18 or above
- Relevant Level 3 qualification or equivalent
- GCE Advanced Level in 3 subjects or equivalent



Mature Entry Route

- Aged 21 or above with relevant management experience (subject to approval by the delivery centre).



English Language Proficiency

- Applicants from non-majority English-speaking countries must provide proof of English language proficiency.

Our Esteemed Academic Accreditation



OTHM Qualifications, UK

OTHM is a UK-based awarding organisation regulated by Ofqual (Office of the Qualifications and Examinations Regulation), with a global network of delivery centres. OTHM always aims to develop as a forward-thinking organisation that supports professions and industry by providing excellent qualifications that contribute to a highly qualified and experienced workforce.

As an awarding organisation, OTHM is responsible for ensuring that the quality of the qualifications is maintained at high standards and that quality assurance is built throughout the life of the qualifications. OTHM has developed qualifications across a wide range of sector subject areas. OTHM always aims to develop as an organisation that is forward-thinking to support professions and industry by providing excellent qualifications that contribute to a highly qualified and experienced workforce.



MESSAGE FROM THE

COO

of OTHM
Qualifications

Welcome to UniAthena and congratulations on taking the next step in your learning journey. We are proud to partner with UniAthena in delivering OTHM's Ofqual-regulated qualifications, recognised for their quality and international credibility.

Our qualifications are designed to be academically rigorous and professionally relevant, equipping you with the knowledge and skills needed for long-term career success. With UniAthena's dedicated support throughout your studies, you will be well guided as you work towards achieving your OTHM qualification.

I encourage you to stay committed, work hard, and make the most of this opportunity. I wish you every success and look forward to celebrating your achievements when you receive your OTHM certificate and transcript.

Patricia Lann

Chief Operating Officer,
OTHM Qualifications



How to Apply

01

Submit your online enrollment application.

02

Begin your OTHM program once your admission is approved

?

Ready to advance your career with an **OTHM Level 4 Diploma in Cybersecurity** from UniAthena?

>>

Build a strong foundation in cybersecurity and develop the technical knowledge and practical skills needed to protect digital systems in today's rapidly evolving cyber landscape.

Apply Now





uniathena

Flexible | Affordable | Accessible

UAE

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