

OTHM Level 5 Extended Diploma in Information Technology





Awarding Body **Accredited by the Ofqual**
(Office of Qualifications and Examinations
Regulation), UK.



Flexible, Fully Online
Delivery – Learn at Your Pace



Personal Tutor Support for
every Learner



Industry Interface through
Live Webinars



Program Snapshot



Duration: 30 Months



Modules: 12 Units (modules)



Credits: 240 UK Credits (Level 5)



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



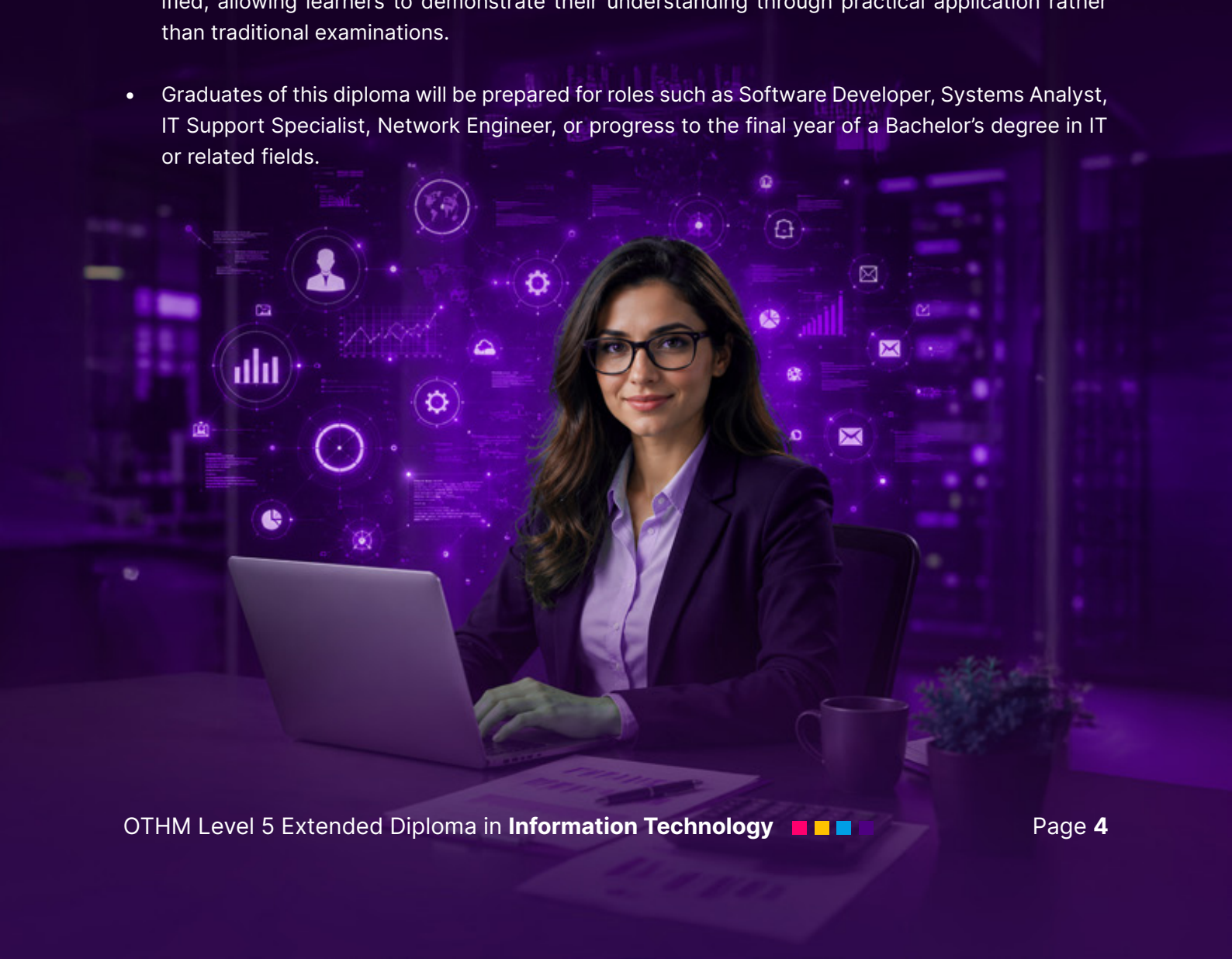
Assessment Method: Online Assignments/Project-based evaluation

Program Overview

The OTHM Level 5 Extended Diploma in Information Technology (OTHM EDIT) is designed for learners who want to build a strong, career-ready foundation in modern IT systems, software development, and digital technologies. As businesses become increasingly reliant on technology, there is a growing demand for professionals who not only understand IT systems but can also design, manage, and secure them effectively.

Learners will develop practical skills in system design, database management, and network infrastructure, while also gaining exposure to real-world IT challenges such as data security, digital transformation, and enterprise system management. The curriculum integrates technical expertise with strategic and execution-focused capabilities, equipping learners for roles in IT project management, systems leadership, and technology delivery.

- This **240-UK credit** qualification is awarded by **OTHM Qualifications, UK**.
- OTHM Qualifications is a recognised UK awarding organisation **regulated by Ofqual** (Office of Qualifications and Examinations Regulation).
- The program is entirely coursework-based, with all units internally assessed and externally verified, allowing learners to demonstrate their understanding through practical application rather than traditional examinations.
- Graduates of this diploma will be prepared for roles such as Software Developer, Systems Analyst, IT Support Specialist, Network Engineer, or progress to the final year of a Bachelor's degree in IT or related fields.



Why This Course

Strong Technical Foundation

Covers core IT areas including programming, networking, systems design, and cybersecurity to build well-rounded technical expertise.

Career-Focused Learning

Emphasises practical application through coursework, projects, and real-world scenarios aligned with industry needs.

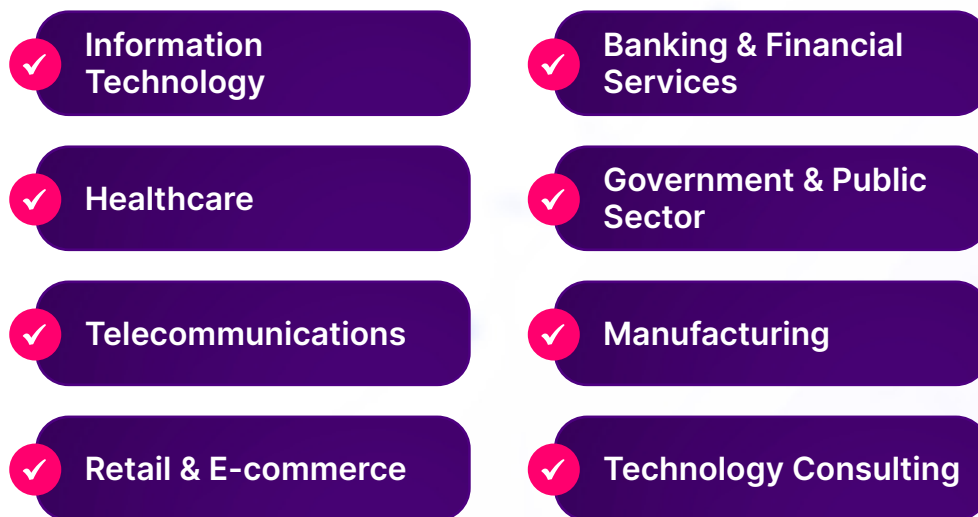
Potential Career Roles

- Software Developer (Junior to Mid-Level)
- Systems Analyst
- Database Administrator (Junior)
- Network Engineer
- IT Project Coordinator
- Business Systems Analyst
- Web Application Developer
- Information Systems Officer
- IT Infrastructure Engineer
- Technical Consultant (Entry Level)



Career Opportunities Across Industries

Information technology professionals are in demand across organisations of every size. Upon completing this diploma, you'll have the advanced knowledge and practical skills to pursue opportunities in industries including:



Career Progression

This qualification prepares you for technical and supervisory roles in software development, systems analysis, networking, and information systems while creating a pathway to higher-level studies and professional development. As your experience grows, you can progress into specialised roles in software engineering, database administration, network engineering, IT project management, business systems analysis, and technology consulting.



Message from Col (Rtd). Anil Ahluwalia

Academic Director, UniAthena

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.



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 recognized 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, 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.



Hear It From Our Learners



“

The program's practical design and flexible structure make it easy to balance alongside full-time work.

Ahsan Solih

IT Manager
Patina Maldives

MBA in Information Technology



“

The flexibility of the self-paced learning model has allowed me to balance my studies with my professional responsibilities without feeling overwhelmed.

Eta Adolf Eyong

Branch Manager
SWECOM, Cameroon

MBA in Business Intelligence and Data Analytics

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:

- ✓ Critically analyse information technology concepts, systems, and technologies to support organisational needs.
- ✓ Apply software development, database, networking, and systems analysis techniques to solve IT problems.
- ✓ Evaluate IT solutions, project management approaches, and information systems to improve organisational performance.
- ✓ Design and implement secure, reliable, and user-focused IT solutions using industry-standard tools and methodologies.
- ✓ Demonstrate ethical, legal, and professional responsibility while communicating effective IT solutions.

Who is this Course for?



Aspiring software developers, analysts, and IT professionals



Individuals seeking entry-level IT careers



Students planning university progression

Program Structure

Course Module	Level	Credit	Duration (Months)
Cybersecurity	4	20	3
Principles of Computer Programming	4	20	3
Systems Analysis and Design	4	20	3
Web and Mobile Applications	4	20	3
Computer and Network Technology	4	20	3
Managing Digital Information	4	20	3
<i>Optional Year 1 Exit - OTHM Level 4 Diploma in Information Technology</i>			
Software Engineering	5	20	2
Database Systems	5	20	2
Advanced Systems Analysis and Design	5	20	2
Management Information Systems	5	20	2
Network Information Systems	5	20	2
IT Project Management	5	20	2
Total Duration	30 Months		

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

Module Description



Cybersecurity

Level: UK/EQF Level 4
Credits: 20 UK Credits

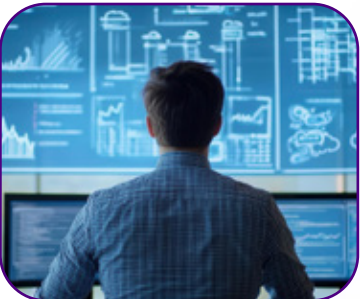
In this unit, learners will learn the fundamentals of cyber security, including its historical development, laws and regulations, risk management and the impact it has on individuals and organisations. Learners will also gain knowledge and understanding about cyber security protection methods and how to manage a cyber security attack.



Principles of Computer Programming

Level: UK/EQF Level 4
Credits: 20 UK Credits

This unit aims to give learners a basic understanding of object-oriented programming languages and how to produce effective code. It also enables learners to gain a perspective of software development and the basic principles of algorithms.



Systems Analysis and Design

Level: UK/EQF Level 4
Credits: 20 UK Credits

This unit aims to develop learners' awareness of system analysis and design in an organisational context. The unit introduces various techniques used within systems analysis and design and the methodologies used in the system development process.



Web and Mobile Applications

Level: UK/EQF Level 4
Credits: 20 UK Credits

This unit aims to provide learners with an understanding of current web and mobile application design technology and the practices and tools used. The learner will learn to create websites or mobile applications to given design specifications.



Computer and Network Technology

Level: UK/EQF Level 4
Credits: 20 UK Credits

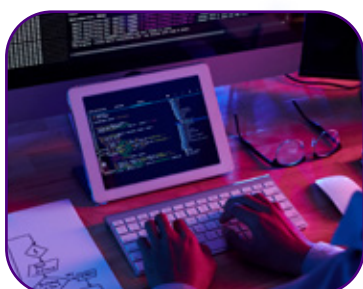
This unit provides learners with an understanding of computer networking essentials and cloud technologies, their operating principles, protocols, standards, security considerations, and prototypes associated with this field. Learners will explore different hardware and software options as well as how to configure and install them.



Managing Digital Information

Level: UK/EQF Level 4
Credits: 20 UK Credits

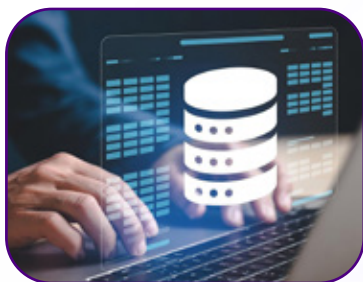
This unit aims to show how communications, knowledge and information can be improved within an organisation including making better use of IT systems. Learners will understand the interaction between communications, knowledge and information.



Software Engineering

Level: UK/EQF Level 5
Credits: 20 UK Credits

This unit aims to give learners an understanding of software development and its evolution as an engineering discipline, and to develop, maintain, and evolve software systems of high quality.



Database Systems

Level: UK/EQF Level 5
Credits: 20 UK Credits

Develop knowledge of database systems and gain practical skills in designing and developing efficient, well-structured database solutions.



Advanced Systems Analysis and Design

Level: UK/EQF Level 5
Credits: 20 UK Credits

This unit aims to provide learners with a deep understanding of the activities of the systems analyst and systems designer, and to be able to apply some current techniques.



Management Information Systems

Level: UK/EQF Level 5
Credits: 20 UK Credits

This unit aims to give learners an understanding of how an organisation uses information to design, implement, maintain and manage secure information systems to support its operations. This unit examines how systems can be used to support core business functions and enable organisations to be more productive and competitive within the global market place.



Network Information Systems

Level: UK/EQF Level 5
Credits: 20 UK Credits

This unit aims to develop learners knowledge and skills in planning, configuring, setting up and managing networks (such as a LAN, PAN, MAN, WAN) as well as build skills in network monitoring, and knowledge of Network Security, network protocols and standards.



IT Project Management

Level: UK/EQF Level 5
Credits: 20 UK Credits

This unit aims to develop learners' skills in managing Information Technology projects to implement systems or change in their organisations. This unit is particularly relevant for middle and senior managers whose responsibilities include the introduction of operational or strategic change in their organisations.

Hear It From Our Learners



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I chose this program because the industry is evolving rapidly. Data, AI, and digital systems are no longer optional—they have become essential to how businesses operate, innovate, and scale.

Marko Milojevic

General Manager
China Tang, an international brand
under Lai Sun Dining Group
CURACAO

**MBA in Artificial Intelligence
in Business**



“

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

Simbarashe M Mariri

Head of Strategy
Enterprise Systems
Botswana

MBA in Digital Transformation

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 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

- Submit your online enrollment application.
- Begin your OTHM program once your admission is approved.

Ready to advance your career
with an **OTHM Level 5 Extended
Diploma in Information Technology**
from UniAthena?

Advance your expertise in
information technology and
develop the technical knowledge,
analytical capabilities, and practical
skills needed to excel in today's
rapidly evolving digital world.

 **Apply Now**

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