Yenza Academy

Level 4 Diploma in Computer Science

ABOUT

Build strong foundations in software development and computer programming.

QUALIFICATION DETAILS

🎓 120 Credits

📅 6-9 months

ACCREDITED BY

athe | AWARDS FOR TRAINING AND HIGHER EDUCATION

QUALIFI

POWERED BY

GenEx

Why Choose Yenza Academy?

Yenza Academy is an innovative programme that provides flexible, stackable[1], globally-recognised qualifications in various career pathways. Our comprehensive courses equip students with real-world skills and our academic partnerships open doors to top global universities and opportunities, allowing students to fast-track their academic and professional goals.

Programme Goals & Benefits

- ✓ **Industry-Relevant Education:** We provide foundational and advanced skills to prepare students for careers and further study. Students engage in practical assignments and case studies that reflect real-world challenges, enhancing employability.

- ✓ **Flexible Learning:** Study at your own pace with online courses tailored to fit your schedule. We offer diploma level qualifications that ensure easy access into degree programmes at top universities.

- ✓ **Global Accreditation:** Earn qualifications recognised by ATHE and Qualifi, opening doors to international career and academic opportunities.

Accreditation & Partnerships

Yenza Academy courses are accredited by the ATHE and Qualifi and recognised on the Ofqual register. Our academic partnerships with prestigious institutions provide seamless progression for students who wish to continue their studies with a Bachelor's top-up degree[2]. Students who complete their Yenza Academy diploma are guaranteed access into the University of Greater Manchester and Bangor University, and have a high chance of acceptance into the University of Derby (for the Hospitality and Tourism pathway) and Anglia Ruskin (for th Education pathway).

[1] Complete your Level 3 programme before moving onto level 4 & 5. At each level you can exit with your qualification.

[2] Level 4 and 5 Yenza Academy courses are equivalent to the first and second years of a university degree. Students can complete their final years of study (i.e. their 'top-up') at one of our partner universities to achieve a full Bachelor's degree.

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Programme Structure

Course Overview

This course provides essential knowledge in systems analysis, programming, databases, networks, and cybersecurity. This qualification equips students with practical skills and prepares them for further study or career progression in computing-related fields.

Assessment Methods

Students are assessed through a portfolio of evidence. This portfolio consists of assignments completed across all eleven course modules, ensuring comprehensive evaluation of the knowledge and skills gained throughout the programme.
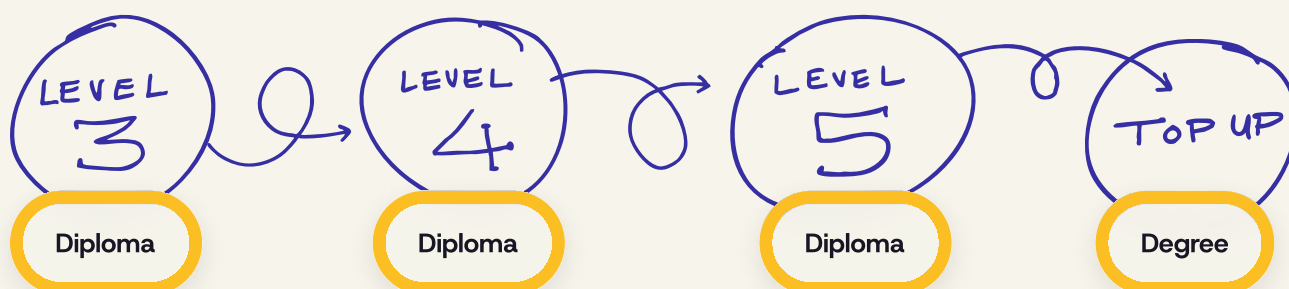
Admission

Students must be 17 years or older and have a suitable academic background, such as a Level 3 qualification or equivalent. Non-native English speakers should meet a minimum English language proficiency level of IELTS 5.5 or equivalent.

Technical Requirements

Our platform is fully technology-driven; therefore, students will need a reliable PC, laptop, or tablet, or regular access to the aforementioned. Students will need a stable internet connection with sufficient data to access online resources and participate in programme activities.

LEVEL 3 — Diploma   LEVEL 4 — Diploma   LEVEL 5 — Diploma   TOP UP — Degree

Course Structure

1

IT Systems Development

15 CREDITS

Understanding the types, structures, purposes, and responsibilities of organisations, along with the impact of market and national environments, is crucial for business success in today's dynamic landscape.

2

Programming and Scripting

10 CREDITS

Understanding financial and management accounting systems allows for assessing and improving business performance through informed decision-making, budgeting, forecasting, and investment evaluation.

3

Data and Database Systems

15 CREDITS

Comprehending operations management and its relationship to performance, as well as the techniques for decision-making, enable organisations to streamline processes, optimise efficiency, and achieve a competitive advantage.

4

Computer Systems, Networks and Security

10 CREDITS

Understanding internal and customer communication, as well as factors affecting communication effectiveness, and developing strong oral and written communication skills are essential for successful business operations and relationships with stakeholders.

Course Structure

5

Legislation, Regulation, Ethics and Codes of Practice

10 CREDITS

Knowing current CSR issues and their impact on stakeholders is crucial for making informed recommendations on responsible business practices, which can enhance reputation, customer loyalty, and sustainability.

6

Advanced Programming

10 CREDITS

This module helps students develop advanced programming skills. It covers coding techniques, design approaches, industry practices, and tools for bringing code into production environments.

7

Web Design and Programming

10 CREDITS

This module focuses on designing and developing functional websites. It covers front-end and back-end programming and introduces students to various web development technologies.

8

Mobile Applications Development

10 CREDITS

Understanding entrepreneurship, the skills and qualities of successful entrepreneurs, and preparing for a new venture is essential for achieving success in business.

Course Structure

9

The Principles of Full-Stack Development

10 CREDITS

This module explores full-stack development, covering both client-side and server-side programming. Students will gain knowledge of web frameworks, databases, and development tools.

10

Software Testing Frameworks and Methodologies

10 CREDITS

This module focuses on various software testing frameworks and methodologies. Students will explore techniques to ensure the quality and functionality of developed software.

11

Synoptic Computing Project

10 CREDITS

This synoptic module requires students to apply the skills and knowledge gained across the diploma to develop a project solution relevant to their pathway.