

uae.ideaeducation.com



IDEA Academy

Diploma in Computing

EQF Level 5 | 60 ECTS





ACADEMY



ABOUT US

IDEA Academy is a leading further and higher education institution, with its main campus based in the European Union member country of Malta. We offer a broad selection of programmes in a wide variety of fields that focus on emerging technologies, ranging from foundation programmes right up to master's degrees. All our qualifications are recognised internationally.

Our mission is to provide quality, affordable, industry-driven education to adult students. In doing so, we adopt a student-centric, blended approach to learning that equips you with the tools to help you stand out at your workplace.



Diploma in Computing

EQF Level 5 | 60 ECTS

COURSE DESCRIPTION

The Diploma in Computing is a practical qualification that will prepare you for a successful career in IT and computing.

The programme will cover areas such as mathematics, programming, data analytics, software development, data structures, computer systems, website design and development, and database design and implementation, amongst many other topics.

In your second year of study, you will have the opportunity to tailor the programme to reflect your particular interests or career aspirations by specialising in one of three areas: digital marketing, blockchain or intelligent systems.



 **RECOGNISED
INTERNATIONALLY**

TARGET AUDIENCE

This course is targeted at:

- individuals seeking academic and professional advancement in computing;
- mid-career break professionals looking for opportunities to return or change their career.

CAREER PATHS

The possible positions for which this programme aims to prepare you for include, but are not limited to:

- database administrator
- IT technical support officer
- applications programmer
- systems programmer
- systems analyst
- programmer

ENTRY REQUIREMENTS

Candidates who apply for this course must be in possession of the following:

- a qualification at EQF Level 4 in subjects related to Mathematics, Science or Computing (minimum two 'A' Levels or equivalent);

AND

- a pass in English at EQF Level 3 ('O' Level or equivalent).

Preference is given to students having a Level 4 diploma in engineering or computing and an A-level standard in mathematics.

STRUCTURE & ASSESSMENT

The programme comprises a total of 10 modules. Methods of assessment depend on the module and can be assessed in various modes.

PAYMENT PLANS AND SCHEMES

We offer the possibility for our students to pay in installments or to design a flexible monthly scheme. Refer to uae.ideaeducation.com to know more.



PROGRAMME OUTLINE

MODULE/UNIT TITLE	COMPULSORY OR ELECTIVE	ECTS
1. Academic Writing	Compulsory	6 ECTS
2. Mathematics 1	Compulsory	6 ECTS
3. Programming	Compulsory	6 ECTS
4. Website Design and Development	Compulsory	6 ECTS
5. Computer Systems Architectures	Compulsory	6 ECTS
6. Data Analytics	Compulsory	6 ECTS
7. Operating Systems	Compulsory	6 ECTS
8. Client/Server Computing Systems	Compulsory	6 ECTS
9. Computer Networks	Compulsory	6 ECTS
10. Software Development Lifecycles	Compulsory	6 ECTS

You are required to complete all 10 compulsory modules (60 ECTS) to fulfil the requirements of this diploma.

Total credits: 60



uae.ideaeducation.com

IDEA Academy is fully accredited by the Malta Further and Higher Education (MFHEA License No: 2014-FHI-015) and IDEA Academy Training Center LLC is regulated by the Knowledge and Human Development Authority (KHDA Permit No: C-630698).

IDEA Academy - UAE Campus
No: 606, 6th Floor, Ithraa Tower,
Al Garhoud, Dubai, UAE

P: +971 4 234 2932
E: info.uae@ideaeducation.com