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NCC education ®

Malta Further & Higher Education Authority
2017-TC-07

Diploma in Computing
Year 1 of a 3 Year Degree

NCC Education is a UK awarding body, regulated by Ofqual and well established in the UK and worldwide. NCC Education's Level 4 Diploma in Computing (L4DC) is equivalent to the first year of a Computing degree qualification in the UK university system.

A wide range of topics within computing are covered in this diploma, exposing students to practical aspects such as the development of applications and websites, as well as, academic modules that provide a better understanding of how information technology can be leveraged within a practical setting. Students will gain the necessary knowledge and skills vital for either continued studies or the start of a career.

This qualification is recognised and valued by many universities and employers, both in the UK and other countries. There are in fact over 50 university progression routes to UK and overseas universities. The successful completion of the qualification allows students entry to the second year of many UK university degree courses related to computing or a career in the computing industry.

What is your next step?

In particular, this qualification is a pathway to one of the degrees offered in partnership with the University of Wolverhampton, namely: BSc (Hons) Computer Science, BSc (Hons) Computer Science (Games Development) or BSc (Hons) Cybersecurity.

Apply now:
stcmalta.com/apply

Study Options
Full Time or Part Time

Duration
1 Academic Year
or 2 Academic Years (Part Time)
120 CATS (60 ECTS)

Assessment
Assessment through examinations and coursework assignments

Entry Requirements
6 O' Levels including Mathematics and English OR
NCC Diploma in Computing (Level 3) OR
NCC International Foundation Diploma

Location
STC Higher Education
Block D, Giorgio Mitrovich Street,
Pembroke, Malta

YOUR FIRST STEP STARTS HERE

Eight Core Modules

Skills for Computing

This unit covers the principles and functions of This module provides essential skills required by computing students. The skills taught include study, presentation, report-writing and data handling skills. It will prepare students for successful outcomes in their studies and provide them with skills that can be applied in the workplace.

Computer Networks

This module helps students to develop a good understanding of basic theory and useful practical skills of networking and communication that are vital in today's connected world.

Computer Systems

This module addresses the development of practical skills in the configuration, maintenance, fault finding and trouble-shooting of modern computer systems and develops knowledge of computer architecture.

Designing and Developing a Website

This module provides students with the practical skills required in website design such as understanding of mark-up languages, style sheets, design techniques and testing.

Software Development Techniques

This module addresses the wider issues of software development together with a language-independent survey of useful data structures and algorithms.

Databases

This module provides students with thorough training in practical techniques for the design and development of database systems and develops a sound understanding of the underpinning theory.

Designing and Developing Object-Oriented Computer Programmes

This module provides students with a thorough grounding in programming methods, and a detailed knowledge of developing programs using C#.

Office Solutions Development

This module teaches students to develop practical skills in the automation of common office applications to support a variety of tasks