STC HIGHER EDUCATION
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NCC education Awarding Great British Qualifications

UNIVERSITY OF WOLVERHAMPTON

Diploma in Computing

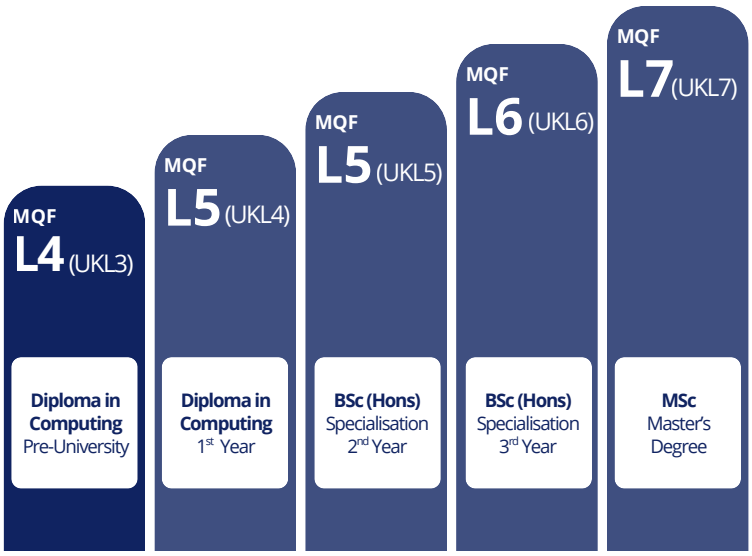
UK L3 - MQF L4

NCC Education is a UK awarding body, regulated by Ofqual and well established in the UK and worldwide. NCC Education's Level 3 Diploma in Computing (L3DC) is equivalent to MQF Level 4. On completion of this Diploma you will be able to join the Level 4 Diploma in Computing (L4DC) which is considered as the first year of your degree.

The L3DC is designed to provide Computing students with basic knowledge pertinent to Computing as well as how to best prepare for additional studies within the same domain at a higher level.

This qualification equips students with key transferable studies skills, mathematics competency, and a understanding of the essential concepts of IT and practical computing skills.

On successful completion of this qualification, students are guaranteed entry to the L4DC offered at STC Higher Education in Malta.



Diploma in Computing (L3DC)
UK L3 (60 CATS) - MQF L4 (30 ECTS)

Awarding Body
NCC Education

Study Mode
Full-Time

Duration
One academic year

Assessments
Examinations and coursework assignments

Entry Requirements
4 O' Levels including Mathematics and English OR equivalent

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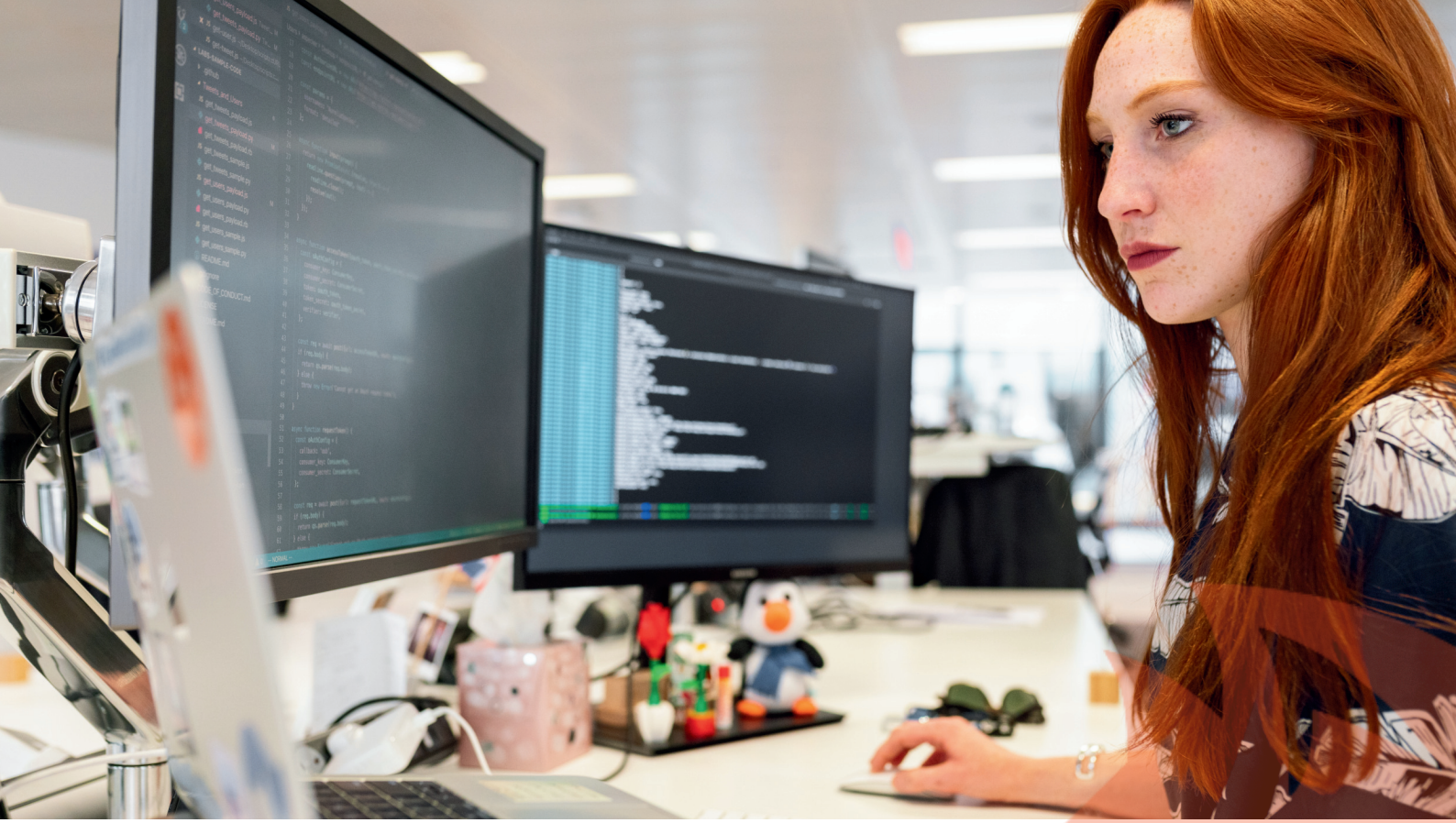

Diploma in Computing (L3DC)

Study and Presentation Skills

This module provides students with the ability to become proficient learners and speakers. Students will be able to gather key information effectively from a variety of appropriate sources and document it as required. Students will learn how to use critical thinking both to analyse and construct arguments.

Digital World

This module provides students with knowledge of a range of major digital technology innovations, as well as appraising the impact these have on society. Students will also understand cultural, ethical, environmental, and legal issues related to computing.

Introduction to Computer Science

This module provides students with a thorough understanding of the fundamental concepts relating to computer systems. These include logic gates, computer networking and threats to network security, storage and data, as well as software.

Introduction to Programming with Python

This module helps students discover the world of software development with one of the most popular programming languages. Students will write small procedural programs to perform well defined tasks, following well-defined requirements, as well as testing it using well grounded principles of software engineering.

Mathematical Skills for Computing

This module provides students with a detailed understanding of the mathematics surrounding computers. Students will be able to perform a range of algebraic calculations, draw and interpret graphs and understand the fundamentals of set theory, matrices, statistics and probability.

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