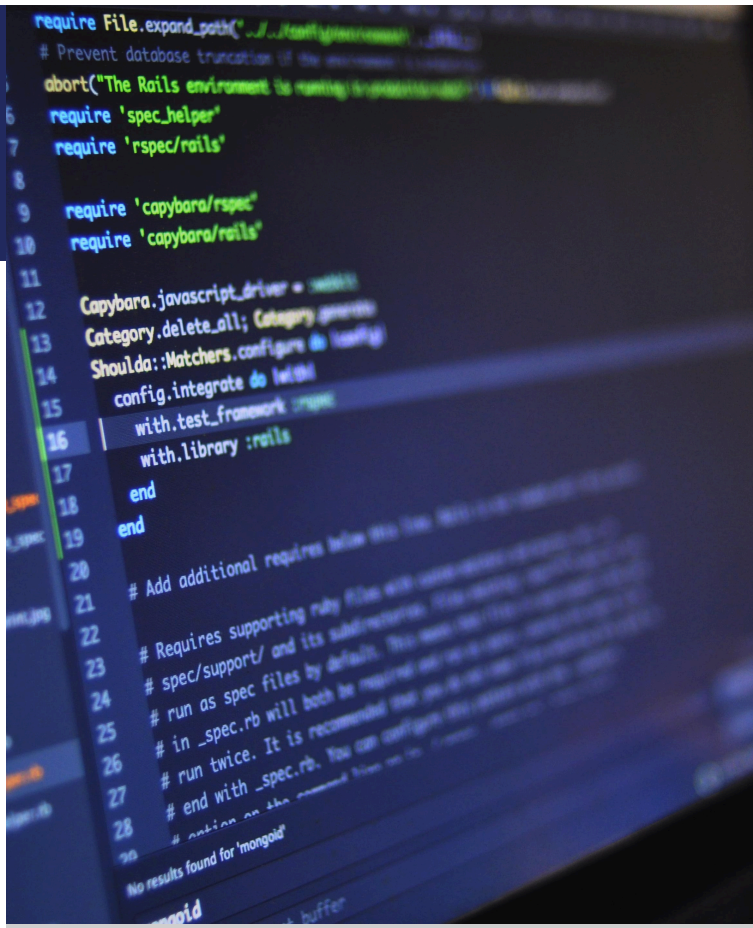
STC HIGHER EDUCATION
LEARN | ACHIEVE | INSPIRE

NCC education Awarding Great British Qualifications

UNIVERSITY OF WOLVERHAMPTON

# Diploma in Computing

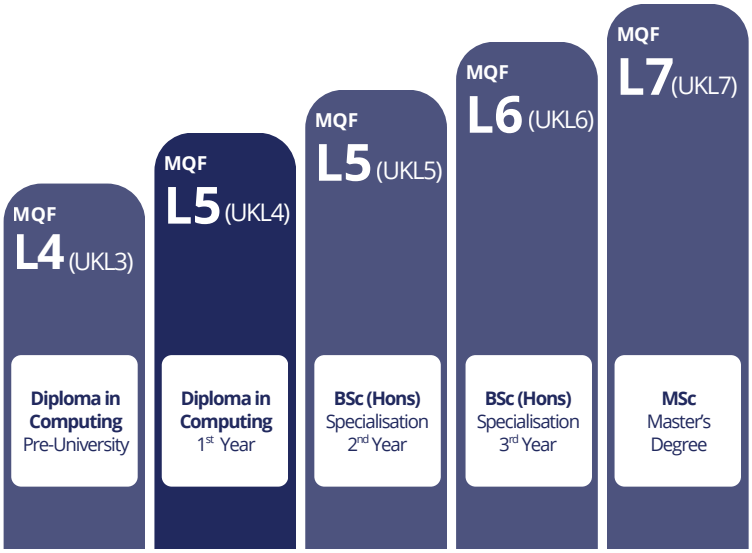
UK L4 - MQF L5



As an Ofqual-regulated UK awarding body with a global presence, NCC Education provides a Level 4 Diploma in Computing that serves as the first year of a degree pathway. This qualification bridges the gap between academic theory and practical industry application.

Students will be given the opportunity to develop essential thinking and study skills, specifically within the computing domain. Graduates from this Diploma will gain a deep understanding of the computing industry, enabling them to apply technical expertise across a variety of essential business functions.

The programme provides the opportunity to handle different aspects of the computing domain. Networking in terms of designs, protocols and security considerations are covered. Software development through HTML, CSS and JS covers web, whilst object oriented concepts and languages handle desktop development. Other modules such as Databases and Computer Systems complete this holistic review of the computing domain.




**Diploma in Computing (L4DC)**
UK L4 (120 CATS) - MQF L5 (60 ECTS)

**Awarding Body**
NCC Education

**Study Mode**
Full-Time or Part-Time

**Duration**
One academic year - Two academic years

**Assessments**
Examinations and coursework assignments

**Entry Requirements**
Holders of NCC L3DC OR equivalent. Alternatively 1 A' Level and 4 O' Levels including English and Mathematics.

@stc_malta /stcmalta /company/stc-training

**Join the Wolfpack**
stcmalta.edu.mt/apply



# Diploma in Computing (L4DC)

### Algorithms and Mathematical Concepts for Computing

This module provides students with an understanding of important fundamental concepts pertinent to computational thinking. These will then be assimilated in the correct construction of data structures as well as an appreciation of common algorithms.

### Computer Systems

This module provides students with an understanding and an ability to identify the main types and components of computer systems. Operating systems and how they function in a computer are also covered.

### Databases

This module provides students with the opportunity to design and develop a database system. In this module students will not only be covering SQL related concepts but will also be introduced to No SQL databases.

### Front End Web Development

This module introduces the world of web development to students. Modern tools will be used to build HTML, CSS and JS based websites that are both responsive and dynamic. Students will also understand and use a version control system (VCS) aiding collaboration with other developers.

### Computer Networks

This module provides students with a thorough understanding of communication protocols and common network topologies and architectures. Configuration of key network systems as well as security considerations that need to be applied will also be covered in this module.

### Object Oriented Systems Analysis and Design

This module serves as a good bridge between the technical teams and businesses seeking solutions. A range of approaches to systems analysis and design are discussed, including the use of UML as a modelling language.

### Designing and Developing Object-Oriented Computer Programmes

This module provides students with an in depth dive into software development including the implementation of object-oriented programmes from well-defined specifications as well as the development of test strategies.

### Software Engineering

This module provides students with an explanation of key practices and principles within software engineering, whilst being engaged in the development of their own project. Different tools and techniques aimed at enhancing productivity and quality of software will be evaluated.

www.stcmalta.edu.mt
info@stcmalta.edu.mt
+356 2145 3200
STC Higher Education
Block D, Giorgio Mitrovich Street,
Pembroke, Malta

November 2026