



ADVANCED DIPLOMA



International Advanced Diploma in Computer Studies

Equivalent to year 2 of a 3 year UK honours degree | HE Level 1 (Intermediate),
National Qualifications Framework (NQF) Level: 5

Overview

The International Advanced Diploma in Computer Studies (IADCS) is the second year of the NCC Education IT Degree Journey. The programme builds on the IDCS programme as well as allowing students to specialise in different areas by choosing optional elective modules.

During the teaching of the programme, students will be exposed to a balance of academic and vocational subjects to provide the knowledge and skills to fulfil a variety of IT-related roles.

On successful completion of the programme, students will be able to: continue study on one of the NCC Education final year IT top-up programmes; continue study at a UK university; or begin work in a variety of IT-related roles.

The programme is designed to be studied over a single academic year to full-time students, but may also be studied on a part-time basis, having considerable flexibility in its delivery. The programme is taught face-to-face by NCC Education's Accredited Partner Centres.

Entry Requirements

On entry a student must have at least one of the following:

- NCC Education International Diploma in Computer Studies (IDCS)
- A local or international qualification deemed to be equivalent to the NCC Education IDCS programme. This shall be agreed in advance with NCC Education.

Applicants who are not NCC Education graduates or whose first language is not English will require either the minimum standard in the NCC Education Higher English Placement Test (HEPT) or a valid score of 5.5 or above in the International English Language Testing System (IELTS) examination or equivalent.

Programme Structure

To complete the programme, students must study and pass six 15-credit modules and one 30-credit module. A 15-credit module typically requires 150 hours of study; around 40 hours of these are classroom-based.

In normal full-time delivery, the programme is delivered in two 15-week semesters (12 teaching weeks) in which 60 credits are studied. This model can be adapted to other modes of delivery for full- and part-time students.

Students must study the following four core modules:

- **Systems Analysis and Design** (double module) - provides the knowledge and skills for the development of a software system from initial requirements through analysis, design, implementation and testing to a complete, well-documented product.
- **Enterprise Networking** - provides the skills and knowledge to evaluate the data and voice requirements of organisations to determine the most appropriate networking solution to meet requirements.
- **Database Design and Development** - develops a sound theoretical understanding of database concepts and the key skills in database design and development.
- **Practical Project** - students demonstrate their practical skills in the development of a software system (often developed for an external customer) and their academic and professional skills in writing a report that describes and evaluates the development.

Students must also study three of the following elective modules:

- **Advanced Java** - builds upon a student's existing knowledge of Java by introducing more advanced topics with a particular focus on the development of web-based systems which interface to databases.
- **Advanced Visual Basic** - builds upon a student's existing knowledge of Visual Basic to introduce key concepts in object-oriented programming and considers web development and interfacing to databases.
- **Advanced Web Design** - designed to build upon students' previous knowledge of web design with the aim of acquiring further knowledge and skills in the development of professional websites.
- **Computer Forensics** - provides the knowledge and practical skills to gather evidence of crimes and unacceptable use of computer systems in corporate environments.
- **Internet Security** - provides the appropriate theoretical knowledge and the intellectual and practical skills to develop and implement security policies and procedures that will protect data and react to threats posed by connection to the Internet.



STC Training
Block A,
Alamein Rd. Pembroke
PMBK 1779
Malta

www.stcmalta.com
info@stcmalta.com
tel: 21 453 200





ADVANCED DIPLOMA

Assessment

Assessments for all modules will be offered in four assessment cycles each year (March, June, September and December). The Practical Project is assessed by assignment only. All other modules are assessed by 40% examination and 60% assignment.

Award Conditions

The NCC Education International Advanced Diploma in Computer Studies (IADCS) will be awarded when a student has successfully passed all core modules and three electives. A student may major in one of the following streams:

- **Advanced Programming** - by passing the Advanced Java and Advanced Visual Basic electives
- **Business Management** - by passing the Business Management and Managing Business Projects electives
- **Internet Systems** - by passing the Internet Security and Internet Systems Administration electives

A module is passed when an overall module mark of 40% or more is attained. Where a student needs to resit a module, he/she must do so within the three-year eligibility period of the programme.

Duration

Normally one year full-time or two years part-time.

Delivery Method

Face-to-face.

Accreditation Status

NCC Education is accredited to award the IADCS by OfQual (Office of the Qualifications and Examinations Regulator) in England. OfQual Qualification reference number 100/6194/0.

Progression

The qualification allows entry to either NCC Education's final year top-up programmes in IT (further entry requirements may apply) or the final year of many UK university programmes of study. Details of these can be found in the NCC Education University Articulations document and on the NCC Education website.

Further Information

More detailed programme information is available from your Accredited Partner Centre.

© NCC Education 2009/10 all rights reserved.

The information in this factsheet is correct at the time of publication. However, NCC Education reserves the right to make alterations to the programme at any time.



Full-Time



Part-Time



Classroom Based



To learn more about NCC Education, its programmes, affiliations and partnerships, please visit the NCC Education website www.nccedu.com

For programme enquiries, please contact your Accredited Partner Centre.