

Higher Diploma Applied Computing Technology

Teaching Mode: Full-time/Part-time

Qualifications: HDip

Fees: (EU) €6,130
(Non-EU) €18,130
Part-time Year 1 (EU): €3,000
Part-time Year 2 (EU): €3,000

Duration: 1 year full-time; 2 years part-time

Web link: www.ucc.ie/hdact

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The Higher Diploma in Applied Computing Technology is a CONVERSION COURSE open to graduates from non-computing disciplines. The course provides you with an understanding of the principles of internet-based computer systems and will equip you with a range of core IT skills, including web design, web server configuration, managing and manipulating multimedia content, interfacing with databases and working with common office software.

Career Opportunities

Graduates of the Higher Diploma in Applied Computing Technology can continue to the MSc Computing Science having achieved a 1H award or exit and take up employment as in areas such as: Software Development - with experience leading to becoming a Senior Software Developer, Systems Designer; Test / QA - with experience leading to Test Automation, Business / Systems Analysis and Management; Desktop / Helpdesk Support - with experience leading to Network / Systems Administration, Cloud / Virtualization Engineer.

The IT sector is booming and the demand for graduates outstrips demand. **The Technology Skills 2020: Ireland's Third ICT Action Plan** outlines the current status of the ICT sector in Ireland and the growing demand for skilled IT graduates.

Entry and Eligibility

This conversion course is open to graduates of any discipline other than Computer Science or a similar discipline. Candidates, for whom English is not their primary language, should possess an IELTS score of 6.5, with no individual section lower than 6.0.

Programme Structure

The Higher Diploma is offered as a one-year full-time (9 months) course or a two-year part-time (18 months) course. Students take a total of 60 credits: 30 credits in teaching Period I and 30 credits in Period II. Part-time students take 30 credits in each of the two academic years.

What you will study

CS5002 Web Development 1, **CS5007** Computer Applications with Visual Basic, **CS5008** Internet Computing, **CS5009** Multimedia, **CS5018** Web Development 2, **CS5019** Systems Organization I, **CS5020** Systems Organization II, **CS5021** Introduction to Relational Databases, **CS5222** Introduction to Programming and Problem Solving, **CS5523** Multimedia 2.

FACTS: Companies actively recruiting Computer Science graduates include: Amazon, Apple, Aspira, Clearstream, Dell EMC, Digisoft.tv, Enterprise Ireland, Ericsson, Errigal, Google, Hubspot, Intercom, Johnson Controls, McAfee, McKesson, Nimbus Centre, Open Text, Pilz, PWC, SAP Galway Transverse Technologies, SIG, Stryker Teamwork, Virtustream, Zenith Technologies.