

Computer Science

COURSE CONTENT

Operating Systems	5N2928
Networking Essentials	5N2929
Computer Systems Hardware	5N0548
Virtualisation Support	5N2434
Programming & Design Principles	5N2927
Maths for Information Technology	5N18396
Database Methods	5N0783
Communications	5N0690
Work Experience	5N1356
Students will also be given the opportunity to complete the VCA6-DCV Exam	

INTRODUCTION

This course provides the student with the core skills required in the computer science industry and prepares the student for a career demanding specialist knowledge of programming, networking, how to provide virtual support (both locally and in the cloud) and how to troubleshoot hardware issues. Students participate in

- Professional guest lectures
- Site Visits
- VCA6-DCV exams (optional)
- Common Purpose *Pitstop* Leadership Programme for selected students

ENTRY REQUIREMENTS

Leaving Certificate with at least a pass grade in mathematics or relevant computer experience. For mature applicants experience will be considered in lieu of formal qualifications.

CERTIFICATION

QQI Level 6 Certificate in Software Development 6M0691

QQI Component Maths 5N1833 (available as option in evening for learners required Maths for progression).

WORK PLACEMENT/EXPERIENCE

Students will undertake a block work placement of 2 weeks in the IT area.

EDUCATION PROGRESSION OPPORTUNITIES

CCOC QQI Level 6 Advanced Certificate in Software Development 6M0691. Excellent progression opportunities to UCC and other Higher Education colleges. Special arrangements in place with CIT (CCPS), Tralee IT and Waterford IT for preferential entry for College of Commerce students. Up to 390 CAO points for any Institute of Technology can be attained by successful completion of this course.

CAREER OPPORTUNITIES

On successful completion of a full award, the student can apply for an entry level position as a programmer, a computer technician or provide virtual support for cloud computing. The student is also very employable as an IT support operator, especially in the area of troubleshooting general software, hardware and networking problems.

All students can access the Jobs Advice Hub (see pg. 85). Graduates can subscribe to 'CCOC college jobs register' and CCOC LinkedIn alumni for up to date vacancies and networking.

COURSE SPECIFIC CONTACT DETAILS

For further information email:
computing@ccoc.ie
(021) 4223834

Course fees outlined on
www.corkcollegeofcommerce.ie