

Software Development Level 5

INTRODUCTION

This course focuses on the key skills required to design, develop and test software that behaves reliably and efficiently. Students will learn about how to build commercially sound and robust applications for mobile devices and desktops. Students participate in

- Guest lectures
- Site visits
- *Pitstop* Leadership Programme from Common Purpose 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 5 Certificate in Software Development 5M0529

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, an app developer, a website developer or a networks technician. The student is also very employable as a customer service operator, especially in the area of troubleshooting general computer 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 CONTENT

Fundamentals of Object Oriented Programming	5N0541
Software Architecture	5N2772
Database Methods	5N0783
Web Authoring	5N1910
Networking Essentials	5N2929
Mobile Technologies	5N0580
Maths for Information Technology	5N18396
Communications	5N0690
Work Experience	5N1356

COURSE SPECIFIC CONTACT DETAILS

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

Course fees outlined on
www.corkcollegeofcommerce.ie