

Advanced Software Development

COURSE CONTENT

Graphical User Interface Programming	6N0736
Software Architecture	6N1449
Project Management	6N4090
Object Oriented Programming	6N2108
Relational Database	6N4785
Leadership	6N2191
Work Experience	6N1946
Frontline Technical Support Skills	6N2056
or Web Development	6N1277

INTRODUCTION

This course is designed to further a student's learning in designing, developing and testing software. The student will also learn how to interface their software with an existing application and will learn key skills in networking and project management. Students participate in

- Professional guest lectures
- Site visits
- *Pitstop* Leadership Programme from Common Purpose for selected students

ENTRY REQUIREMENTS

QQI Level 5 Certificate in Software Development 5M0529 / QQI Level 5 Certificate in Computer Systems and Networks 5M0536 (or equivalent)

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 work experience one day per week in a computer company for the duration of the course.

EDUCATION PROGRESSION OPPORTUNITIES

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 this award, the student can apply for a position as a junior programmer, a junior website developer, a junior computer technician (in the hardware and networking areas) or a project manager. The student is also in a strong position to apply for an apprenticeship with some of the big companies in the Computer Science area, including VMWare and DELL EMC. 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