ORMONDE COLLEGE OF FURTHER EDUCATION

SOFTWARE AND APP DEVELOPMENT (with Web Design)

Award Title: **QQI Level 5 Certificate in Software Development**
Award Code: **5M0529**

Programme Description:

A creative approach to problem solving, based on solid design principles, is taken to Coding and App Invention. Programming using Python provides skills required by the software industry. This course provides the skills to design and create Web Sites using HTML and CSS.

Component Awards:

- Fundamentals of Object Oriented Programming (5N0541)
- Software Architecture (5N2772)
- Maths for IT (5N18396) (a practical approach using software to solve problems)
- Communications (5N0690)
- Work Experience (5N1356)
- Web Authoring (5N1910)
- Database Methods (5N0783)
- The Internet (5N1611)

Apply at:
ormondecollege.ie

Entry Requirements:

- Leaving Certificate/Leaving Certificate Applied or equivalent
- Successful completion of an interview
- Mature applicants will be assessed on their relevant work experience

Progression:

- Opportunities to progress to work or courses at higher education, for example to linked degree programmes at IT Carlow or Waterford IT. This course is an ideal foundation for progression in the domains of technology and creativity.
- People with 'tech' skills are in demand not just in the IT sector – more and more jobs across industry require digital skills. There is a demand for IT professionals with skillsets in technology, digital media and creative problem solving.

Costs:
Approximately €120 to cover the cost of textbooks and examinations.

National Skills Bulletin 2018:
"The demand for ICT skills is a global phenomenon withskills required across an increasing number of sectors"

I am a software engineer from India. I finished my Bachelors of Engineering in Computer Science and have 3+ years' experience as a Software Engineer. As I had a career break of 7 years, I wanted to enhance my knowledge through learning before re-entering the IT market and hence I was very enthusiastic about joining the Software Development course at Ormonde College. I am grateful to the lecturers and my fellow-students for giving me this opportunity to be a part of a learning journey which not only helped me enhance my IT and communication skills but also boosted my self-confidence. I enjoyed my work experience and was delighted to accept a job offer in the company at the end of the placement.

Indusha

After completing the Leaving Cert, I was unsure of what career path I wanted to pursue and chose to take a year to study Software Development with Web Design at Ormonde College. I'm now reassured that I love IT and have a real aptitude for it: especially Web Design and Android App Development. Maths was not my favourite subject at school but I've gained a new outlook on how it is used in a realistic practical way within the world of computing.

Seamus

For me, I liked that the course gave students good exposure to both programming and web design – this gives options for choosing a degree course. I have accepted a place on the B Sc (Hons) at Carlow IT to study Software Development – this course has given me a firm foundation in computing technologies and the confidence to face the challenges ahead.

Elizabeth

I took the Leaving Cert in 2019 and had a coding background with various languages before this course. I learnt a lot about other languages such as Python, HTML and CSS. Taking this course before a Level 6 was one of the best decisions ever. The Progression Agreements with Waterford IT and Carlow IT has guaranteed options for me on successful completion of this course. The tutors were more than happy to help anyone who needed help and they were always easy to talk to. Very fun year with lots of learning and I'd highly recommend it.

Jody