



SOFTWARE DEVELOPMENT

Ireland has an international reputation as a centre of excellence in Information Technology. Intel, HP, IBM, Microsoft, Apple, Google, Facebook, LinkedIn, Amazon, AirBnB, PayPal, eBay and Twitter are just some of the tech giants established here. This full-time course is ideal for those considering further study in computer science and software engineering or those who simply wish to learn the basics of various computer applications. Students will also have the opportunity to progress to a level 6 qualification in Software Development here at MBC, which can provide advanced entry to second-year in Software Development courses in some of the Institutes of Technology.

Entry Requirements

- Leaving Certificate standard or QQI Level 4
- Mature students (23+) are welcome to apply

Course Content

- Fundamentals of Object-Oriented Programming (5N0541)
- Games Analysis and Design (5N1651)
- Software Architecture (5N2772)
- Web Authoring (5N1910)
- Operating Systems (5N2928)
- Math for Information Technology (5N18396)
- Mobile Technologies (5N0580)
- Communications (5N0690)
- Database Methods (5N0783)
- Work Experience (5N1356)

Please note the above modules are subject to change.

For possible progression routes click the progression link on the Software Development Level 5 course page on our website:

www.moatebusinesscollege.com

Career Opportunities

This course provides the basic platform for finding employment in the IT sector, or as a pathway to further studies. There are a wide range of opportunities in the sector, including:

- Software Engineering
- Technical Support
- Games Design
- Web Development
- Software Testing
- Computer Operations
- Administration
- Sales
- Cloud computing
- App development
- Banking
- Health Boards
- Civil Service Local Authority Offices
- IT Administration
- Computer Forensics & Security

Certification

Awarding Body:	QQI
Award Title:	Software Development
Award Code:	5M0529
Level:	5

Any questions? **email:** info@moatebc.com **Tel:** 0906481178

