

ADVANCED SOFTWARE DEVELOPMENT

This full-time advanced course is an ideal choice for students aspiring to thrive in roles in Software Development, Computer Programming or Technical Support. Designed for those who already hold a Level 5 qualification in Software Development, Computer Programming or a related field, this course opens pathways to third level Institutes (through the Higher Education Links Scheme). Successful completion may even lead to direct entry into the second year of select degree programs at TUS Athlone (formerly AIT). Throughout the programme, students will acquire cutting-edge skills in Mobile Technology, Object-Oriented Programming and Web Development.

Entry Requirements

- Relevant QQI Level 5 Award or mature students (23+) with relevant industry experience.

Course Content

- Object-Oriented Programming 6N2108
- Graphical User Interface Programming 6N0736
- Software Architecture 6N1449
- Mobile Technologies 6N3395
- Web Development 6N1277
- Project Management 6N4090
- Leadership 6N2191
- Work Experience 6N1946 or Personal & Professional Development 6N1949
- Mathematics 6N3395

Please note the above modules are subject to change.

Career & Employment 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
- Cloud Computing
- App Development
- Banking
- HSE
- Civil Service Local Authority Offices
- IT Administration
- Computer Forensics & Security

Popular Progression Pathways

- US821 Software Design with Virtual Reality and Gaming Athlone
- US822 Software Design in Artificial Intelligence for Cloud Computing Athlone
- US823 Software Design with Digitalisation Athlone
- US820 Software Development Limerick



For possible progression routes click the progression link on the Advanced Software Development course page on our website: www.moatebusinesscollege.com