

Title	Software Development
Code	5M0529
Level	5
Type	Major
Field of Learning	06. Information and Communication Technologies (ICTs) > 1. Information and Communication Technologies (ICTs) > 3. Software and applications development and analysis
Credit Value	120
Date of Validation by QQI for Cork ETB use	June 201
Review Date	Programme review will be conducted as per Cork ETB's Quality Assurance procedure B5.9.
Programme Descriptor	Software Development

CERTIFICATION REQUIREMENTS:

In order to achieve certification in this major award, the learner must achieve a minimum of 120 credits to satisfy the following FETAC award structure:

Award Code	Title	Level	Credit Value
All of the following component(s)			
5N0541	Fundamentals of Object Oriented Programming	5	15
5N2772	Software Architecture	5	15
A minimum credit value of 15 from the following components			
5N0556	Maths for STEM	5	30
5N18396	Maths for Information Technology	5	15
5N0554	Computational Methods and Problem Solving	5	15

A minimum credit value of 15 from the following components

5N0690	Communications	5	15
5N1367	Teamworking	5	15

A minimum credit value of 15 from the following components

5N1356	Work Experience	5	15
5N1433	Work Practice	5	15

A minimum credit value of 30 from the following components

5N0783	Database Methods	5	15
5N1651	Games Analysis Design	5	15
5N1910	Web Authoring	5	15
5N0580	Mobile Technologies	5	15
5N2928	Operating Systems	5	15
5N2927	Programming and Design Principles	5	15
5N2769	Software Testing	5	15

The remaining credit value of 15 can be obtained by using relevant modules from the list above or below at level 5. A maximum of 15 credits may be used from either level 4 or level 6.

5N0548	Computer Systems Hardware	5	15
5N2929	Networking Essentials	5	15
5N5029	3 Dimensional Computer Graphics	5	15
5N1551	Animation	5	15
5N1830	Animation Drawing Studies	5	15
5N1794	Safety and Health at Work	5	15