

<b>Module Title:</b>	Project (Software Development)
<b>Credits:</b>	10
<b>NFQ Level:</b>	6
<b>Module Delivered In</b>	No Programmes
<b>Teaching &amp; Learning Strategies:</b>	<p>Functional Specification: Students work individually on a functional specification for some common type of business. This involves making contact with an appropriate local business, conducting interviews, obtaining forms, dockets, brochures etc. in order to ascertain what functionality is required. They produce a manual outlining the specification that they suggest for the new or updated system. Web Programming / Database Application: Students work on a web based dynamic database project in groups of 3 or 4 to a detailed specification for some common type of business. They produce database layouts, user interface and code.. Each student and group (depending on component) is assigned to a tutor, with scheduled weekly meeting times. Detailed standards and guidelines are published and strictly enforced for each component.</p>
<b>Module Aim:</b>	To introduce the student to two types of project work – an individual project drawing on the students' own personal abilities and a group project requiring interaction with a small number of fellow students.
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Develop a functional specification for a common type of business.
LO2	Participate as a team member in developing a web programming / database application for a common type of business.
<b>Pre-requisite learning</b>	
<b>Module Recommendations</b>	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
<b>Incompatible Modules</b>	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
<b>Co-requisite Modules</b>	
No Co-requisite modules listed	
<b>Requirements</b>	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

## Module Content & Assessment

### Indicative Content

No indicative content

### Assessment Breakdown

	%
Project	100.00%

No Continuous Assessment

### Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Functional Specification A Functional Specification is submitted by each student followed by an interview (if required).	1	35.00	Sem 1 End
Project	Programming / Database Application. A Technical Manual and code is submitted by the project group. This is followed by an individual demo/interview with each member of the group. Each student is assessed individually.	2	65.00	End-of-Semester

No Practical

No End of Module Formal Examination

**SETU Carlow Campus reserves the right to alter the nature and timings of assessment**

**Module Workload**

<b>Workload: Full Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Directed Learning	30 Weeks per Stage	2.00
Directed Learning	30 Weeks per Stage	3.00
Independent Learning	30 Weeks per Stage	1.67
Total Hours		200.00

