

<b>Module Title:</b>	Project (Software Development)
<b>Credits:</b>	20
<b>NFQ Level:</b>	8
<b>Module Delivered In</b>	<a href="#">1 programme(s)</a>
<b>Teaching &amp; Learning Strategies:</b>	Students are expected to devote about 10 hours per week to their project work. Staff time is allocated to each project.
<b>Module Aim:</b>	To provide students with additional practical experience of realistically sized projects
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Undertake Management of Large Software Projects
LO2	Understand the Project Life Cycle
LO3	Implement a large Software Engineering Project
LO4	Apply appropriate Software Engineering techniques to solve real world problems
LO5	Produce high quality documentation
LO6	Perform Independent Research
<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

#### Project

Students will work on a major project, the work on which will be co-ordinated by the tutors. The student having selected a project will with their tutor agree a provisional project specification.

#### Documentation

The student must research the project to produce a research manual, a final functional specification, and project plan over the course of the project. The precise nature of the documentation provided will vary depending on the type of project (Research based or Development based). The project plan drafted by the student in collaboration with their tutor details the other project milestones. E.g. the design specification is due at the start of the second term. All remaining documentation is due on the completion date of the project. Final project evaluation by all the tutors takes place at the end of the second semester.

#### Presentations

During the course of the year, the students will make individual presentations on progress at various pre-determined evaluation points. Where the project is research-only, appropriate project milestones and documentation are agreed between the tutor and student.

### Assessment Breakdown

%

Project

100.00%

No Continuous Assessment

### Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project Quality	1,2,3,4	20.00	n/a
Project	Usability	1,3,4,6	10.00	n/a
Project	Project Report	1,2,5,6	10.00	n/a
Project	Presentation	5,6	5.00	n/a
Project	Design Manual	2,5,6	5.00	n/a
Project	Functional Specification	1,2,5	5.00	n/a
Project	Research Report	5,6	10.00	n/a
Project	Final Product	1,2,3,4,6	35.00	n/a

No Practical

No End of Module Formal Examination

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

**Module Workload**

Workload: Full Time		
Workload Type	Frequency	Average Weekly Learner Workload
Project	30 Weeks per Stage	16.67
Total Hours		500.00

**Module Delivered In**

Programme Code	Programme	Semester	Delivery
CW_KCSOF_B	<a href="#">Bachelor of Science (Honours) in Software Development</a>	7	Mandatory