

<b>Module Title:</b>	Project Management and Practice
<b>Language of Instruction:</b>	English
<b>Credits:</b>	5
<b>NFQ Level:</b>	8
<b>Module Delivered In</b>	<a href="#">1 programme(s)</a>
<b>Teaching &amp; Learning Strategies:</b>	Lectures Presentations Journal Articles Discussion Private Study Blackboard
<b>Module Aim:</b>	This module prepares the Architectural Technologist Level 7 graduate to progress to Level 8 standard and demonstrate competencies, knowledge, and abilities in the range of duties and accountability required for practice as an Architectural Technologist. The competencies that form the module are based on the following standards, QQI (Quality and Qualifications Ireland) Award standards -Architectural technology 2016, RIAI (Royal Institute of Architects Ireland) Standard of knowledge for architectural technologists 2010, CIAT (Chartered Institute of Architectural Technologists) Professional and Occupational Performance (POP) Record of competencies 2010. 1. Demonstrate the requirements of competencies: 1. Context & 3. Regulation. 2. Demonstrate the requirements of competencies 2. Technology & 4: Procurement. 3. Demonstrate the requirements of Competence 6: Management. 4. Demonstrate the requirements of Competence: 5. Communication & 7. Professionalism. The module also raises awareness of the need for the Architectural Technologist to continue to develop their knowledge, skill, and competence throughout their career through continuous professional development, (CPD), in relation to changing legislation, regulations and technological change, in the interests of best practice.
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Demonstrate the requirements of Competencies: 1. Context & 3. Regulation: Knowledge of current societal concerns i.e., climate change, flooding, energy for construction, thermal performance, Safety & health, planning process, building regulations, BCAR, certification, NZEB, passive house etc, their changing nature and their integration into architectural technology practice. demonstrate a knowledge of the range of organisations with a responsibility for, or interest, in the built environment.
LO2	Demonstrate the requirements of Competence 2. Technology & Research & 4: Procurement To have the ability to research and utilise old and new technologies to improve design & construction standards. Research products, designs, and management systems. To understand the role of the architectural practice as contract administrator in the building contract in relation to construction projects and building contracts. Demonstrate an understanding of the process of creating construction documentation including drawings, specifications for construction information and the tendering process.
LO3	3. Demonstrate the requirements of Competence 6: Management: in relation to architectural projects with reference to the RIAI Workstage's and the RIBA plan of work. Understand the roles of the design team and construction team. Demonstrate an understanding of the workflow from inception to completion (Appointment, development of the project brief, Feasibility, research, sketch design, final design, planning, construction information, tender, contract documents, certification, site meetings, site inspections, quality control, and as built drawings). Demonstrate an understanding of the management of drawings and documents in relation to BIM management and BREEAM. To understand the theory of pr
LO4	Demonstrate the requirements of Competence: 5. Communication & 7. Professionalism: To have the ability to discuss, develop and participate in group projects, in a collaborative and professional manner. To have the ability to reflect on and proceed competently using personal and project feedback. To have the ability to present concepts, sketch proposals, designs, and technical reports in a professional manner.
<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
Transition from Level 7 to Level 8 Architectural Technologist n/a
RIAI Standards of Knowledge, Skill and Competence - Level 8 n/a
The Design/Project/Construction/Collaborative Team n/a
RIAI Work Stages, and RIBA Plan of Work n/a
Safety, Health and Welfare & Risk Assessment in Project Management n/a
Site Planning and Management re: Programme n/a
Quality Management Systems Designing out Waste and Life Cycle Assessme n/a
Sustainable Procurement n/a
BREEAM and Management n/a
BIM and its Project Management Attributes n/a
Tendering and procurement n/a
Planning and planning appeals. n/a
Site inspections, and progress on site, snagging and quality control n/a

Assessment Breakdown	%
Project	40.00%
End of Module Formal Examination	60.00%

No Continuous Assessment

Project				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project 1. SAMPLE. The focus of this project will be the project management of an architectural project. We will examine project management theory, project development stages, management of health and safety for construction projects, sustainability / environment, building contracts, tendering & RIAI Standards of Knowledge, Skill and Competence for architectural technologists.	1,2,3,4	20.00	Week 6
Project	Project 2 SAMPLE: According to the UN Environment- global status report 2017, 56% of final energy use is attributed to buildings. The global buildings sector consumed nearly 30% of total final energy use and buildings construction, including the manufacturing of materials for building such as steel and cement, accounted for an additional 26% in estimated global final energy use. (UN 2017) The environment is a particularly important consideration for a building designer. We will examine the BREEAM system and look at how it can be integrated into the management of an architectural / construction project.	1,2,3,4	20.00	Week 13

No Practical

End of Module Formal Examination				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	End of semester exam	1,2,3,4	60.00	End-of-Semester

**Module Workload**

<b>Workload: Full Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	4.00
Estimated Learner Hours	12 Weeks per Stage	6.42
Total Hours		125.00

**Module Delivered In**

Programme Code	Programme	Semester	Delivery
CW_CMARC_B	<a href="#">Bachelor of Science (Honours) in Architectural Technology</a>	8	Mandatory