

Module Title:	Studio 4a
Language of Instruction:	English
Credits:	15
NFQ Level:	8
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	<p>The studio environment supports project-based learning to assist students to develop skills as innovators & problem solvers to an advanced level. Students learn by doing while completing a measured survey, condition report and conservation report for an historic building / protected structure. Teaching varies from lectures, demonstrations, presentations, one-to-one detail reviews/tutorials and project crits and presentations. Students present their work to their peer group at various stages in the project. The presentation / crits provide students with direct feedback from teaching staff and fellow classmates. Technical study trips are used to provide the students with best practice examples of real-life scenarios. Students visit, study, record, measure and appraise a local historic building / protected structure, this allows the students to experience and witness specialist building interventions and the latest and advanced technical/technological innovations within in the building industry. In this module the focus is on historic buildings and protected structures.</p>
Module Aim:	<p>The Aim of this module is to: • To develop the students ability to measure, record and appraise an historic protected structure and its curtilage/ site. • To develop students' ability to produce sketch design , planning drawings & construction stage detailed drawings together with supporting documentation, specifications, technical reports, case studies to an advanced level, including conceptual technical design development. • To support students to evolve an individual approach to their own work based on research, analysis, case studies and reflection. • To develop technical design processes and research skills required to create technical design proposals within the specialist area of conservation, refurbishment and adaption of historic buildings and protected structures within the profession.</p>
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	An ability to structure a clear methodology in order to undertake an evaluation and analysis of a complex project brief and create appropriate supporting documentation, (measured surveys, conditions reports, conservation report and existing survey drawings with a focus on conservation, adaption and refurbishment of historic & protected structures.
LO2	An ability to undertake and present research, systematic analysis of theory and case studies, using available information / evidence to construct reasoned responses for material and technological choices made in a studio project focusing on conservation, adaption and refurbishment of historic & protected structures.
LO3	To have the knowledge of core principles of conservation, adaption, construction legislation, building regulations, safety and health and other related codes and standards and to apply and present analysis for a studio project focusing on conservation, adaption and refurbishment of historic & protected structures.
LO4	An understanding of how to evaluate and problem solve technical construction solutions / details and the ability to produce and present technical drawings, written technical reports and conservation reports for the conservation, adaption and refurbishment of historic & protected structures.
LO5	An ability to complete and present/ communicate studio work and an approach to conservation and adaption to a high level of graphical presentation using REVIT and other leading edge software tools.
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements	
<i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
Students should have completed year 3 of BSc Architectural technology level 7. Students are required to have Revit and other software skills to produce, measured drawings, survey drawings, sketch technical details, technical drawings and specification for tender/ construction, planning drawings, working drawings and 3d rendered presentation drawings.	

Module Content & Assessment

Indicative Content

Project 1: CONSERVATION ADAPTION & REFURBISHMENT

This project, which links to the Module CONSERVATION & ADAPTION, uses a building project as a vehicle to develop specific skills in working with existing historic buildings. A legally Protected Structure is the focus here, and examples such as medium scale Industrial or Educational buildings of architectural heritage value are suitable.

Assessment Breakdown	%
Project	100.00%

No Continuous Assessment

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project 1. A conservation, refurbishment & adaptative reuse project for an historic/ protected structure. The existing building is recorded and appraised and then adapted to a new use. A detailed breakdown will be contained in the brief. The project is divided into the four sections, Stage 1. Conservation Report. (15%) Stage 2. Sketch Design, Planning (30%), Stage 3. Technical Details/ Construction / Tender information. (50%), Stage 4. Project Portfolio Presentation. (5 %).	1,2,3,4,5	100.00	Sem 1 End

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		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Studio Based Learning	12 Weeks per Stage	9.00
Independent Learning	12 Weeks per Stage	22.25
Total Hours		375.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_CMARC_B	Bachelor of Science (Honours) in Architectural Technology	7	Mandatory