

Module Title:	Conservation and Refurbishment		
Language of Instruction:	English		
Credits:	5		
NFQ Level:	8		
Module Delivered In	No Programmes		
Teaching & Learning Strategies:	Lectures 30 hours Projects 30 hours Private study 60 hours TSP 120 hours		
Module Aim:	The aim of this module is: To develop greater knowledge of our Architectural Heritage, some understanding of the Materials & Technology associated with it, as well as a knowledge of Conservation Principles and Irish Planning Legislation		
Learning Outcomes			
On successful completion of this module the learner should be able to:			
LO1	Have some knowledge of Conservation Principles and current Legislation. Knowledge of the changing nature and increasing complexity of the legal and regulatory environment, and the necessity to seek advice or update knowledge from accredited sources, as appropriate		
LO2	Have an understanding of how to record historic building fabric using measured survey processes and survey drawings, photographs and sketches.		
LO3	Have an understanding of how to research historic building fabric and to seek information from accredited sources		
LO4	Have some knowledge of how to describe an historic building's condition, general care & maintenance		
LO5	Have some knowledge of traditional building materials; the history and evolution of construction technology; and the theory, principles and science in the technical design process		
Pre-requisite learning			
Module Recommendations			
This is prior learning (or a practical skill) that is recommended before enrolment in this module.			
No recommendations listed			
Incompatible Modules			
These are modules which have learning outcomes that are too similar to the learning outcomes of this module.			
No incompatible modules listed			
Co-requisite Modules			
6687	THES H4504	Technical Design and Detailing IV	
6692	DSGN H4504	Advanced Graphics, CAD & BIM	
Requirements			
This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.			
No requirements listed			

Module Content & Assessment

Indicative Content

Lecture materials

(a) • History & Evolution of Architecture & Technology National Inventory of Architectural Heritage (Methodology, Content and Role in terms of Irish Architectural Heritage) Historic Maps, Photographs and other reference sources (b) • Conservation Principles & Legislation Irish Planning Legislation Local Authority Record of Protected Structures Architectural Heritage Protection: Guidelines for Local Authorities and RIAI Conservation Guidelines (c) • Materials & Technology of Historic Building Fabric Materials & Technology from different historic eras Material Types and their Uses in Irish Historic Buildings e.g. Stone; Brick; Lime; Metals; Timber; Glass etc. General Care & Maintenance of these materials

Tutorials & Projects to address (with reference to TD&D IV project)

(a) • Recording of Historic Buildings' 'Special Interest' / 'Condition' Record Surveys using 'measured drawing'; 'photographic survey' and 'freehand sketches' (b) • Materials & Technology/ material studies Detailed Material & technology studies to be made (ideally from two different historical eras) (c) • Conservation Principles & Legislation / case history Legal Protection Status of a Structure Historic Building & 'Conservation' Case study Effectiveness of 'Protection' legislation in a 'Case study' Technical detailing of 'changes' to a 'Protected Structure'

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

No Continuous Assessment

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project 1 • Recording of Historic Buildings' 'Special Interest' / 'Condition' Record Surveys using 'measured drawing'; 'photographic survey' and 'freehand sketches'	2,3,4	20.00	n/a
Project	Project 2 • Materials & Technology/ material studies Detailed Material & technology studies to be made (ideally from two different historical eras)	3,4,5	20.00	n/a
Project	Project 3 • Conservation Principles & Legislation / case history Legal Protection Status of a Structure Historic Building & 'Conservation' Case study Effectiveness of 'Protection' legislation in a 'Case study' Technical detailing of 'changes' to a 'Protected Structure'	1,2,3	20.00	n/a

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	In Class Examination	1,2,3,4,5	40.00	End-of-Semester

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>
Lecture	30 Weeks per Stage	1.00
Tutorial	30 Weeks per Stage	1.00
Estimated Learner Hours	30 Weeks per Stage	3.00
Total Hours		150.00

