

APPROVED**ARCH8004: Adapt & Reuse: Conservation****Module Details**

Module Code:	ARCH8004
Title:	Adapt & Reuse: Conservation APPROVED
Long Title:	Adapt & Reuse: Conservation
NFQ Level:	Advanced
Valid From:	Semester 1 - 2016/17 (September 2016)
Duration:	1 Semester
Credits:	5
Field of Study:	5810 - Architecture & Urban Environment
Module Delivered in:	4 programme(s)
Module Description:	Adaptation and Reuse for Building Conservation ;this module explores technical issues and knowledge, material science, conservation techniques and legislation.

Learning Outcomes

On successful completion of this module the learner will be able to:

#	Learning Outcome Description
LO1	Select appropriate conservation techniques and processes for building conservation, retrofit and adaptive reuse.
LO2	Identify appropriate conservation procedures for building conservation, retrofit and adaptive reuse.
LO3	Apply relevant legislation for conservation projects.
LO4	Integrate effective use of records and research into the conservation and retrofit of buildings.
LO5	Integrate the effective use of survey into the conservation and retrofit of buildings.

Dependencies**Module Recommendations**

Conservation 1;

Incompatible Modules

Not Applicable

Co-requisite Modules

No Co-requisite modules listed

Requirements

No requirements listed

Indicative Content**Building Conservation**

Introduction to Building Conservation. Beginning of the Conservation Movement. Principles of Conservation, Conservation Ethics.

Techniques and Processes.

Materials science for conservation and the process of decay, material conservation restoration, preservation replacement. Techniques and processes involved in the adaptation refurbishment and retrofit of existing conservation buildings. The issues of thermal comfort, energy efficiency of a conservation building in the context of conservation ethics, principles and practice. Specialised processes involved in developing repair and maintenance procedure and systems for conservation buildings.

Legislation and Finance

Legislative mechanisms and statutory instruments supporting the regulation of building conservation. Protection of listed buildings and consent. Conservation areas and control of demolition, New development in conservation areas. Building Regulations. Financial assistance for conservation work.

Records and Research

Historical source materials and the organisations responsible for their management.

Survey, Existing Conditions

Investigative survey and recording of historic buildings. Detail the parts of the building that need recording, and the evidence of the evolution of the building over time. Investigative techniques. Condition survey and building report, physical survey, recording, and analysis of historic buildings for their adaptive reuse. Technical Report writing.

Module Content & Assessment

Assessment Breakdown	%
Coursework	100.00%

Assessments

Coursework			
Assessment Type	Project	% of Total Mark	50
Timing	Week 7	Learning Outcomes	3,4,5
Assessment Description			
Project with focus on legislation, records, survey.			
Assessment Type	Project	% of Total Mark	50
Timing	Week 7	Learning Outcomes	1,2
Assessment Description			
Project with focus on techniques, processes and procedures.			
No End of Module Formal Examination			
Reassessment Requirement			
Coursework Only			
This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.			

Module Workload

Workload: Full Time					
Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecture	Contact	Class based instruction	Every Week	3.00	3
Independent & Directed Learning (Non-contact)	Non Contact	Research and development of project	Every Week	4.00	4
Total Hours					7.00
Total Weekly Learner Workload					7.00
Total Weekly Contact Hours					3.00

Workload: Part Time					
Workload Type	Contact Type	Workload Description	Frequency	Average Weekly Learner Workload	Hours
Lecture	Contact	Class based instruction	Every Week	3.00	3
Independent & Directed Learning (Non-contact)	Non Contact	Research and development of project	Every Week	4.00	4
Total Hours					7.00
Total Weekly Learner Workload					7.00
Total Weekly Contact Hours					3.00

Module Resources

Recommended Book Resources

Department of the Environment. (1995), Conservation Guidelines, Stationery Office, Dublin.
 Department of the Environment. (2001), Local Government (Planning and Development) Regulations, Stationery Office, Dublin.
 Dúchas/DoEHLG. (2002), Architectural Heritage Protection - Guidelines for Planning Authorities, Stationery Office, Dublin.
 Bernard M. Feilden. (2003), Conservation of historic buildings, Architectural, Oxford, [ISBN: 0750658630].
 Grover, Philip. (2007), Architectural Conservation : Principles and Practice, Specialist Books, [ISBN: 063204006234].
 J. Myrick Howard. (2007), Buying time for heritage, [ISBN: 0807858684].
 ICOMOS. (1999), Guide to Reading Historic Buildings, Butterworths.
 Jukka Jokilehto. (1999), A history of architectural conservation, [ISBN: 0750655119].

This module does not have any article/paper resources

This module does not have any other resources

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_CARCT_8	Bachelor of Science (Honours) in Architectural Technology	-1	Elective
CR_CARCT_8	Bachelor of Science (Honours) in Architectural Technology	-1	Elective
CR_TARCH_7	Bachelor of Science in Architectural Technology	-1	Elective
CR_TARCH_7	Bachelor of Science in Architectural Technology	-1	Elective