

<b>Title:</b>	Adapt & Reuse: Conservation <b>APPROVED</b>
<b>Long Title:</b>	Adapt & Reuse: Conservation
<b>Module Code:</b>	ARCH8004
<b>Credits:</b>	5
<b>NFQ Level:</b>	Advanced
<b>Field of Study:</b>	Architecture & Urban Environment
<b>Valid From:</b>	Semester 1 - 2016/17 ( September 2016 )
<b>Module Delivered in</b>	<a href="#">10 programme(s)</a>
<b>Module Coordinator:</b>	KATHERINE KEANE
<b>Module Author:</b>	KATHERINE KEANE
<b>Module Description:</b>	Adaptation and Reuse for Building Conservation ;this module explores technical issues and knowledge, material science, conservation techniques and legislation.
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner will be able to:</i>	
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.
<b>Pre-requisite learning</b>	
<b>Module Recommendations</b>	
<i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named CIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
Conservation 1;	
<b>Incompatible Modules</b>	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.</i>	
Not Applicable	
<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. You may not enrol on this module if you have not acquired the learning specified in this section.</i>	
No requirements listed	
<b>Co-requisites</b>	
No Co Requisites listed	

**Module Content & Assessment**

**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.

**Assessment Breakdown**

**%**

Course Work

100.00%

**Course Work**

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Project with focus on legislation, records, survey.	3,4,5	50.0	Week 7
Project	Project with focus on techniques, processes and procedures.	1,2	50.0	Week 7

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.*

**The institute reserves the right to alter the nature and timings of assessment**

**Module Workload**

**Workload: Full Time**

<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Class based instruction	3.0	Every Week	3.00
Independent & Directed Learning (Non-contact)	Research and development of project	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

**Workload: Part Time**

<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Class based instruction	3.0	Every Week	3.00
Independent & Directed Learning (Non-contact)	Research and development of project	4.0	Every Week	4.00
Total Hours				7.00
Total Weekly Learner Workload				7.00
Total Weekly Contact Hours				3.00

Module Resources
<i>Recommended Book Resources</i>
<ul style="list-style-type: none"> <li>• Department of the Environment 1995, <i>Conservation Guidelines</i>, Stationery Office Dublin</li> <li>• Department of the Environment 2001, <i>Local Government (Planning and Development) Regulations</i>, Stationery Office Dublin</li> <li>• Duchas/DoEHLG 2002, <i>Architectural Heritage Protection - Guidelines for Planning Authorities</i>, Stationery Office Dublin</li> <li>• Bernard M. Feilden 2003, <i>Conservation of historic buildings</i>, Architectural Oxford [ISBN: 0750658630]</li> <li>• Grover, Philip 2007, <i>Architectural Conservation : Principles and Practice</i>, Specialist Books [ISBN: 063204006234]</li> <li>• J. Myrick Howard 2007, <i>Buying time for heritage</i> [ISBN: 0807858684]</li> <li>• ICOMOS 1999, <i>Guide to Reading Historic Buildings</i>, Butterworths</li> <li>• Jukka Jokilehto 1999, <i>A history of architectural conservation</i> [ISBN: 0750655119]</li> </ul>
<i>This module does not have any article/paper resources</i>
<i>This module does not have any other resources</i>

**Module Delivered in**

Programme Code	Programme	Semester	Delivery
CR_CARCT_8	<a href="#"><u>Bachelor of Science (Honours) in Architectural Technology (Ab-initio, CR560)</u></a>	5	Elective
CR_CARCT_8	<a href="#"><u>Bachelor of Science (Honours) in Architectural Technology (Ab-initio, CR560)</u></a>	7	Elective
CR_DINAR_8	<a href="#"><u>Bachelor of Science (Honours) in Interior Architecture</u></a>	5	Elective
CR_DINAR_8	<a href="#"><u>Bachelor of Science (Honours) in Interior Architecture</u></a>	7	Elective
CR_TARCH_7	<a href="#"><u>BSc in Architectural Technology (CR 090, Level 7)</u></a>	5	Elective
CR_DIARC_7	<a href="#"><u>BSc in Interior Architecture (CR053, Level 7)</u></a>	5	Elective
CR_CARCT_9	<a href="#"><u>Master of Science in Architectural Technical Design</u></a>	2	Elective
CR_DINAR_9	<a href="#"><u>Master of Science in Interior Architecture</u></a>	2	Elective
CR_CCOPM_9	<a href="#"><u>Masters of Science in Construction Project Management</u></a>	2	Elective
CR_CCNPM_9	<a href="#"><u>Postgraduate Diploma in Science in Construction Project Management</u></a>	2	Elective