`APPROVED`

ARCH6078: Architectural History

Module Details

Module Code:	ARCH6078
Title:	Architectural History `APPROVED`
Long Title:	Architectural History
NFQ Level:	Fundamental
Valid From:	Semester 1 - 2019/20 (September 2019)
Duration:	1 Semester
Credits:	5
Field of Study:	5810 - Architecture & Urban Environment
Module Delivered in:	**4 programme(s)**
Module Description:	Architectural History explores the foundations of western architecture and urban development examining the spatial, formal and structural components of key buildings and urban form from Ancient Greece to Post Post Modernism reflecting on how they responded to the cultures and societies in which they were produced.

Learning Outcomes

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

#	Learning Outcome Description
LO1	Describe key buildings and identify significant moments in architectural history and urban development from ancient Greece to Post Post Modernism.
LO2	Illustrate how buildings and their authors respond to functional, aesthetic and structural criteria.
LO3	Discuss the evolutionary nature of developments in architecture and urban form in this period.
LO4	Reflect on and discuss the meaning embodied in architectural and urban form.

Dependencies

Module Recommendations

Incompatible Modules

No incompatible modules listed

Co-requisite Modules

No Co-requisite modules listed

Requirements

No requirements listed

Indicative Content

Greek Architecture
Greek civilisation, Architecture of democracy, Greek architectural motifs, Building typologies - temple, theatre, domestic, Contemporary international transference and application.

Roman Architecture
Roman civilisation, Roman construction technologies - caementum, foundations, arch, waggon vaults, intersecting vaults, wall typologies, hypocaust, pipe systems, Temples, Rotunda, Dome, Domestic design, Theatre, Stadium, Thermae, Contemporary international transference and application.

Romanesque Architecture
Dark Ages, Repression of Design, Romanesque architectural motifs reasoning and rationale - tower, recessed doorways, blind arcades, lancet fenestration, string coursing, barrel vault, Building typologies - ecclesiastical, defensive, domestic, Neo-Romanesque revival, Hiberno Romanesque.

Gothic Architecture
Charlemagne and the recognition of Christianity, Architecture of celebration, Abbot Suger and the birth of the Gothic template, Church of Saint Denis, Gothic architectural motifs - polychromatic stone, steeple, rose window, role of stained glass, ogive and pointed arch, rib vault, buttress, gargoyles, Building typologies - ecclesiastical, defensive, domestic, Neo-Gothic revival.

Early Renaissance Architecture
Crisis in Architecture and the quest for direction, Re-birth of classical idiom and design principles, Symmetry, Proportion, Golden ratio, Harmonic ratio, Vitruvian man and ergonomic design, Classical architectural motifs, Building typologies - domestic, ecclesiastical, Contemporary international transference and application.

High Renaissance Architecture
Quest for deeper exploration of the Classical idiom, Plinth, Rotunda, Dome, Classical orders, Tempiettro de San Pietro, Contemporary international transference and application.

Baroque Architecture
Definition of 'Baroque' and architectural critique, Quest for freedom from classicist constraints, Architectural motifs of play, drama, fantasy, undulation, dis-proportion, mannerism, Building typologies - ecclesiastical, domestic, palace, Rococo style.

Neo-classical Architecture
Crisis in Architecture, Restoration of order, Re-visitation of Classical architectural idiom and motifs, Romantic classicism, Palladian style, Neo - classicism, Building typologies - domestic, judicial, governmental, Georgian Architecture, Victorian Architecture.

Iron Masters
Transitions in Architecture, Experimentation with construction materials and methods, Iron Masters - Joseph Paxton, Henri Labrouste, Brunel, Gustav Eiffel, Tectonics, Building typologies - Crystal Palace, Bibliotheque de Saint Genevieve, Eiffel Tower

Modern Architecture
Birth of Modern Architecture, Modern Movement, Manifesto of Modern Architecture, Taoism, Confuscionism, Modern masters- Le Corbusier, Mies Van der Rohe, JP Oud, Frank Lloyd Wright, Eileen Gray, Bauhaus, Five point of Modern Architecture, RAT-TRAD, Modular method, Systemised construction, Le Villa Savoye, E1027, Nation building - Modern Architecture in Ireland, Modern Architecture in America, Post war redevelopment of Europe and the role of Modern Architecture.

Post Modern Architecture
Crisis in Architecture, Charles Jencks, Robert Venturi, Birth of Post Modern Architecture, Principles of Post Modern Architecture, Post Modern masters - Philip Johnson, Michael Graves, James Stirling, Frank Gehry, Robert Venturi, Santiago Calatrava, Zaha Hadid.

Post Post Modern Architecture
Crisis in Architecture, Environmental debate, Brundtland Commission, Well Building, nZEB, Part L, 'Conventional' Sustainable design, 'Alternative' sustainable design

Futuristic Architecture
Issues steering design, principles of futuristic design, Location, Form, Composition, Policy, Future debate.

Module Content & Assessment

Assessment Breakdown	%
Coursework	100.00%

Assessments

Coursework			
Assessment Type	Presentation	**% of Total Mark**	30
Timing	Week 6	**Learning Outcomes**	2,3,4

Assessment Description			
Visual timeline presentation of aspect from Architectural History			

Assessment Type	Project	**% of Total Mark**	20
Timing	Week 9	**Learning Outcomes**	1,2,3,4
Assessment Description			
Interim draft of architectural history analysis, discussion and reflection through visual and written representation.			

Assessment Type	Reflective Journal	**% of Total Mark**	50
Timing	Week 13	**Learning Outcomes**	1,2,3,4
Assessment Description			
Architectural history analysis, discussion and reflection through visual and written representation.			

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	Architectural History: Class based instruction	Every Week	3.00	3
Independent & Directed Learning (Non-contact)	Non Contact	Self study	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	Architectural History: Class based instruction	Every Week	3.00	3
Independent & Directed Learning (Non-contact)	Non Contact	Self study	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

- **Ching, Francis and Jarzombet, Mark M. (2017), A Global History of Architecture, 3rd. Wiley, [ISBN: 1118981337].**
- **Davies, Colin. (2018), A New History of Modern Architecture, Laurence King Publishing, [ISBN: 1786270560].**
- **Fletcher, Sir Banister. (2017), A History of Architecture, 20th Ed. Bloomsbury Publishing, [ISBN: ISBN: 10 0750].**
- **Higgott, Andrew. (2018), Key Modern Architects, Bloomsbury Visual Arts, [ISBN: 1474265054].**
- **Ireland, Jeannie. (2018), History of Interior Design, 2nd. Fairchild Books, [ISBN: 1501319884].**
- **Jencks, Charles. (2011), The story of Post - Modernism: Five decades of the Ironic, Iconic and Critical in Architecture, Wiley, [ISBN: 0470688955].**
- **Lees-Maffei, Grace (Editor) and Houze, Rebecca (Editor). (2010), The Design History Reader, Berg Publishers, [ISBN: ISBN: 1847883].**
- **May, Bridget and Sherman, Curt. (2011), Architecture and Interior Design: An integrated history to the present, 1st. Pearson, [ISBN: 0135093573].**

This module does not have any article/paper resources

Other Resources

- **website, Architectural review, https://www.arplus.com**
- **website, e-Architect, https://www.e-architect.co.uk**
- **website, Great buildings, http://www.greatbuildings.com**
- **website, History world, http://www.historyworld.net**
- **website, Irish architectural archives, https://www.iarc.ie**

Module Delivered in

Programme Code	Programme	Semester	Delivery
CR_CARCT_8	**Bachelor of Science (Honours) in Architectural Technology**	-1	Elective
CR_DINAR_8	**Bachelor of Science (Honours) in Interior Architecture**	-1	Mandatory
CR_TARCH_7	**Bachelor of Science in Architectural Technology**	-1	Elective
CR_DIARC_7	**Bachelor of Science in Interior Architecture**	-1	Mandatory