

Module Title:	Evolution of Buildings & Technology II
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	No Programmes
Teaching & Learning Strategies:	Overseas visit Lecture, PowerPoint presentation, video; Drawing, research, presentations & technical report writing
Module Aim:	The aims are: • To expand the use of architectural language, theory and proportion; • To acknowledge the legacy of older civilisations and utilise their discoveries to advance both design & construction • To analyse form, proportion and the structural advancements in Early Christian/Byzantine; Romanesque; Gothic; Renaissance architecture. • Continue to investigate materials and technology and the role that they play in the development of structures; local characteristics in buildings, reflecting their geographical location and climate of the region. • To explore the development of Irish architecture, in parallel with that of mainland Europe.

Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Have a knowledge of a range of buildings, their evolution and function
LO2	Be able to identify (i) the components that are critical to the building types within each style of architecture; (ii) describe the function of a building from its form
LO3	Be able to critically appraise architectural styles comparing them and their development
LO4	Be able to understand the important part that materials and technology play in the development of structures and the aesthetic of buildings.
LO5	To use the correct architectural language to describe the buildings, and use drawing to describe architectural organisation and form accurately

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>
No requirements listed

Module Content & Assessment

Indicative Content

Overview

• The evolution of Byzantine and Early Christian churches • Romanesque churches, monasteries, castles: Ireland and Europe • Gothic cathedrals: Ireland and Europe • Renaissance buildings: Ireland and Europe • Classical building in Ireland • Georgian building in Ireland
Overseas study trip: historic and contemporary building study

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

No Continuous Assessment

Project

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	Continuous assessment: 40% Sample projects: Project 1: Architectural Heritage /Historic Building Study : e.g. Kilkenny Project 2: Illustrate the development of the Romanesque church plan type from former Roman prototypes Project 3: Study trip: research poster (in advance of trip) Project 4: Study trip: exhibition poster (on return from trip)	1,2,3,4,5	40.00	n/a

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	No Description	1,2,3,4,5	60.00	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	2.00
Estimated Learner Hours	30 Weeks per Stage	3.00
Total Hours		150.00

