

MODULE DESCRIPTOR

Module Title

Elective - Construction

Reference	AC4006	Version	6
Created	July 2021	SCQF Level	SCQF 10
Approved	July 2005	SCQF Points	15
Amended	September 2021	ECTS Points	7.5

Aims of Module

To enable students to evaluate the aesthetic intentions and performance requirements of elements of advanced building construction within the context of their implications for construction complexity.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Evaluate, in terms of construction complexity, the subassemblies components and materials involved in a product and the manner in which they are fitted together.
- 2 Prepare a product illustrating the complexity within the selected detail. The product may comprise one or more of the following examples: report; model; drawings; presentation.

Indicative Module Content

The module provides practical guidance on the analysis of the effects of detailing, technical standards and their visual and aesthetic implications, and choice of materials, components and subassemblies, on the practical issues involved in construction. It involves the systematic study of architectural details selected by students in consultation with staff from the work of nationally and internationally recognised architects.

Module Delivery

This is a tutorial/seminar-based course. Students select the details they wish to study. They are advised on their choice by staff and receive tutorials in studio to assist them in the interpretation of the information they collect. Students make regular seminar presentations to staff and other students. A substantial part of the module is devoted to studio-based student centred learning and library research.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	24	N/A
Non-Contact Hours	126	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2
Description:	The coursework consists of a construction project and the submission should include one or a combination of the following: a report, display + oral presentation, annotated drawings, a model.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The overall module grade is based on 100% weighting of Component 1 (Coursework). An overall minimum grade D is required to pass the module. Non-submission will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 Ferguson, I. Buildability in Practice. Mitchell Publishing, 1989.
- 2 Various Technical Journals.
- 3 Brooks, A.J., Connections, Butterworth Architecture, 1992.
- 4 Wienand, N. Materials, Specification and Detailing. Taylor & Francis. 2008.