

## MODULE DESCRIPTOR

### Module Title

Construction

Reference	ACM012	Version	1
Created	October 2022	SCQF Level	SCQF 11
Approved	November 2022	SCQF Points	15
Amended		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 Critically evaluate the components, materials and methods involved in a construction assembly.
- 2 Develop an original and creative construction solution with regard to materials, components and methods of assembly.

### 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 and the development of creative alternatives.

### 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 one or a combination of the following: a report, display + oral presentation, annotated drawings, a model. demonstrating the evaluation of an existing construction and the development of a new alternative.				

**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:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	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.