

Module Title	Reference AC4006
Elective - Construction	SCQF SCQF
Keywords	Level 10
Building Construction, Detailing, Materials, Aesthetics	SCQF Points 15
	ECTS Points 7.5
	Created May 2002
	Approved July 2005
	Amended August 2008
	Version No. 4

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None.

Corequisite Modules

None.

Precluded Modules

None.

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

Indicative Student Workload

Contact Hours Full Time

Tutorials/Seminars 20

Supervised
Assessments 3

Directed Study

Directed Study 77

Private Study

Research 50

Mode of 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

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.

studio-based student centred learning and library research.

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2

Component 1: LO 1 & 2 - Project in the form of a report and/or presentation and/or annotated drawings and/or a model.

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.