

Module Title Product Design	Reference AC4010 SCQF SCQF Level 10 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved July 2002 Amended August 2008 Version No. 3
Keywords Product Design, Industrial Design, Building Components	

This Version is No Longer Current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 the student to evaluate and synthesize the aesthetic and performance requirements of building/furniture components, in relation to their method of manufacture.

Mode of Delivery

This is a tutorial/seminar based module supported by student-centred learning and directed study. Students are advised on their choice of product by staff and receive tutorials to assist them in the interpretation of the information they collect, and on their proposal. 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 and will also include visits to manufacturers.

Assessment Plan

Learning Outcomes for Module

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

	Learning Outcomes Assessed
Component 1	1,2,3

1. Propose the aesthetic intentions and performance requirements of a selected product.
2. Design a component and the materials involved and specify the method of manufacture and assembly, and performance criteria.
3. Prepare clear drawings (suitable for publication) and a model illustrating the product design.

Indicative Module Content

The module provides practical guidance on the design of products, which relate to the built environment, and considers the relationship of form and aesthetic intent to practical issues of material specification, and method of manufacture. Usually one particular method of manufacture is focused upon (e.g. casting) to avoid becoming too general.

Indicative Student Workload

<i>Contact Hours</i>	Full Time
Tutorials/Seminars	20
Other Assessments	30

<i>Directed Study</i>	
Directed Study	50

<i>Private Study</i>	
Research	50

Component 1: Coursework is in the form of annotated drawings with supporting statements, and a model presented at the end of the module.

Indicative Bibliography

1. Itten, J., Design and Form: The Basic Course at the Bauhaus, Revised Edition, London: Thames and Hudson, 1983.
2. Ramakers, R. and Bakker, G., Droog Design - Spirit of the Nineties, 010 Publishers, Rotterdam, 1998.
3. Zoelly, P., My Old Chairs, Basel: Birkhauser, 1992.
4. Various articles in Technical Journals and textbooks on manufacturing systems dependent on the selected area of study.