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MODULE DESCRIPTOR

Module Title

Product Design

Reference	AC4010	Version	4
Created	June 2017	SCQF Level	SCQF 10
Approved	July 2002	SCQF Points	15
Amended	September 2017	ECTS Points	7.5

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.

Learning Outcomes for Module

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

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.

Module 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.

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Indicative Student Workload	Full Time	Part Time
Contact Hours	50	N/A
Non-Contact Hours	100	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
Actual Placement hours for professional, statutory or regulatory body		

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, 3
Description:	Project based coursework developed with group work and individual components. Coursework submitted as a portfolio combining investigative study, graphic presentation and physical/CAD Models.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

In order to pass the module students must achieve 40% or greater.

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% or better
B	60% or better
C	50% or better
D	40% or better
E	35% or better
F	Less than 35%
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	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.