

MODULE DESCRIPTOR

Module Title

Studio 6: Making And Prototyping

Reference	AC4501	Version	1
Created	August 2024	SCQF Level	SCQF 10
Approved	January 2025	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To understand and apply the process of using materials for making, prototyping, and production within an interior design context.

Learning Outcomes for Module

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

- 1 Execute a period of research relating to the use of materials and prototyping techniques to visualise and test concepts in a manner that is appropriate to the context of the brief.
- 2 Critique material properties through the application and testing of materials within design concept prototypes.
- 3 Develop iterative methods to refine design concepts through the progression of low-fidelity to high-fidelity models and prototypes using analogue and/or digital tools.
- 4 Communicate design ideas clearly and effectively using appropriate materials, tools and digital technologies for presentation of work in an appropriate professional context.

Indicative Module Content

This module will provide a basis for the exploration of modelling and prototyping techniques in both analogue and digital contexts. Students will explore the qualities of low and high-fidelity prototyping, and the use of iterative testing of design concepts using models and prototypes. Students will experiment with the properties and potential of materials, within a design process, and will communicate the analysis of these concepts in relation to function and aesthetics via the use of practical and/or digital models. The module will serve as a basis for the development of refined prototype outcomes based on the progressive testing of models linked to an iterative design process for an interior design context. Please note that attention should be paid to considering opportunities within design practice where appropriate actions can be taken to heighten the potential for positive sustainable impact. Whilst there may be links to the full suite of SDGs, within the context of this module, it would be expected that appropriate consideration is paid to SDGs 9, 11 and 12 as a baseline.

Module Delivery

This module involves studio, lab based and workshop activity. Design projects are underpinned by presentations, crits, demonstrations and seminars.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	91	N/A
Non-Contact Hours	209	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	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, 3, 4
Description:	The coursework consists of a Portfolio of design work - the portfolio includes drawings, models and all work generated from all tasks related to the design project. It should include a sketchbook recording the project development and personal learning journey in a concise graphic and written presentation.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1: Portfolio

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 Jackson, P. (2019) *Folding techniques for designers: from sheet to form*. Reprinted. London: Laurence King Publishing.
- 2 Congdon, R.T. (2010) *Architectural model building: tools, techniques, and materials*. New York, NY: Fairchild Books.
- 3 Solanki, S. and Corbin, L. (2018) *Why materials matter: responsible design for a better world*. Munich London New York: Prestel.