
FACULTY OF ENGINEERING, SCIENCE AND THE BUILT ENVIRONMENT

Unit title:	Design Studio 2
Unit number:	BUG/2/213
Unit Level:	2
Unit value:	1.0
Unit co-ordinator:	T Schaffer
Contact time:	45 hours
Private study time:	105 hours
Total study time:	150 hours
Unit pre-requisites:	None

SHORT DESCRIPTION

This unit will focus on developing the student's critical, creative and visual abilities. An individual approach to designing will be cultivated through discussion and direct experience of producing designs pertaining to the built environment.

AIMS

This unit aims to introduce students to the activity and processes of design, to identify the multi-disciplinary interdependence of the design process, to assist students in developing their creative, aesthetic and presentation skills and to promote an awareness of quality in design within the built environment.

LEARNING OUTCOMES

On successful completion of this unit the student will be able to:

- Interpret and develop a design brief.
- Analyse and discuss various design models.
- Prepare sketch designs.
- Present a set of final design proposals.
- Render in a chosen medium.

TEACHING AND LEARNING PATTERN

A series of individual and group assignments based on projects supported by tutorials, seminars, visits and critiques.

INDICATIVE CONTENT

In this unit the student will be required to prepare design work with a view to developing their problem solving and creative skills. There is an emphasis on presentation of ideas and a critical appreciation of the built form.

ASSESSMENT METHOD

This unit will be assessed by two separate project based assignments and on attendance at tutorials, seminars, visits and critiques.

Each of these elements contributes 50% towards the unit assessment. The minimum pass mark for each element is 35% and the pass mark for the unit is 40%.

INDICATIVE SOURCES

Core reading

Zevi B, Architecture as Space: How to look at Architecture, London 1993

Lawson B, Design in Mind, Heineman 1994

Background reading

BRE, Structural Design in Architecture, 1961

Gelernter M, Sources of Architectural Form, London 1995

Roth Leland M, Understanding Architecture, 1993

Optional reading

Parsons A, The design Supplement (A practical approach to studying design), Butterworth 1996

Stevens Curl J, Encyclopedia of Architectural Terms, Heineman 1993