

## MODULE DESCRIPTOR

### Module Title

Integrative Studies 3 - Architectural Technology

Reference	SU3011	Version	6
Created	July 2021	SCQF Level	SCQF 9
Approved	July 2002	SCQF Points	30
Amended	September 2021	ECTS Points	15

### Aims of Module

To provide the student with the ability to integrate knowledge, understanding and skills from studies conducted throughout Stages 1, 2 and 3.

### Learning Outcomes for Module

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

- 1 Interpret and develop a complex design brief which includes resolution of functional, technical, ethical and legislative issues.
- 2 Generate solutions which synthesise the diverse requirements of the design brief.
- 3 Present formal ideas and design solutions in two and three dimensions using a range of media including physical and computer generated modelling.
- 4 Justify design strategy by oral presentation and critique.
- 5 Perform individual and group work as part of a multi-disciplinary team in the context of building design and development.

### Indicative Module Content

This module is based on the design of a medium rise building in an urban context. Interpretation of the brief will involve identifying and resolving complex architectural design problems; Issues of protection and care of the natural and built environments will form key components of the design brief; Research and development through generation, analysis and critique of feasibility study which addresses and resolves complexities of design brief; Synthesis and presentation of solutions for project design and management in a context which simulates professional practice.

### Module Delivery

This is a module predominantly involving practical work in relation to a project which may include, surveying, field and studio work and where appropriate site visits. Directed study to core texts and resource material will be encouraged.

Indicative Student Workload	Full Time	Part Time
Contact Hours	90	N/A
Non-Contact Hours	210	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	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, 4, 5
Description:	Project split between group and individual work. Firstly, project based coursework developed by group work. Coursework submitted as a portfolio comprising graphic content and investigative report. Orally presented with critique. Secondly, project based individual coursework submitted as a portfolio comprising graphic content, physical and integrated project information models, with the creation of supporting documentation, including environmental strategies, specification, whole life issues and schedule. Material produced suitably for oral presentation and critique.				

## MODULE PERFORMANCE DESCRIPTOR

### Explanatory Text

The overall module grade is based on 100% weighting of Component 1 (Coursework). An overall minimum grade D is required to pass the module. Non-submission will result in an NS grade.

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, in addition to Stage 3 entry requirements.
Corequisites for module	None.
Precluded Modules	None.

## ADDITIONAL NOTES

Where appropriate mixed discipline team working will be encouraged.

**INDICATIVE BIBLIOGRAPHY**

- 1 There is no separate reading programme for this module as students at this stage should be aware of current literature and material. In addition, the core bibliography cited in the other Stage 4 modules will provide the supporting reading material.