

MODULE DESCRIPTOR

Module Title

Integrated Studies 2

Reference	SU2503	Version	1
Created	August 2023	SCQF Level	SCQF 8
Approved	January 2024	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To provide the student with the ability to integrate and consolidate knowledge and understanding from studies conducted throughout Stages 1 and 2. To develop a complex brief of a domestic scaled project from site analysis to technical resolution adopting a range of media to communicate the design.

Learning Outcomes for Module

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

- 1 Develop a design brief which includes resolution of functional and technical issues.
- 2 Undertake the production of design solutions which synthesise the requirements of the brief for a small scale, domestic scale building understanding the structure, performance, materials and technical resolution of the project through digital communication techniques.
- 3 Undertake design solutions using a range of media including computer based techniques to evidence the development of the project brief and defend this in a presentation.
- 4 To develop an understanding of the role of an Architectural Technologist and practice the professional and communication skills required in the profession.
- 5 Conclude the appropriate procurement method, health and safety and the standard form of contract.

Indicative Module Content

The module is based on the design of a domestic scaled building. The project will formulate appropriate design philosophy; research and development through generation analysis and critique of feasibility study; evaluate appropriate technologies; Communicate and evidence the appropriate building performance solutions and strategies for the project; Communicate and critically develop the technical solutions for the project; synthesis and presentation of solutions for project design and management including procurement methods, health and safety measures and standard forms of contract; individual and team working activities

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. Preparation of the portfolio in this module is required as part and in preparation for placement in stage 3. Opportunities in this semester to prepare for placement is provided. Presentations will be used to discuss work completed to staff typically in a Poster format or digitally.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	110	N/A
Non-Contact Hours	190	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, 5
Description:	Project based coursework and assessment consists of a design project covering the following areas: brief development, research and development of a design, detail design, health and safety, project contract arrangements, oral, written and graphical communication of project in a portfolio defended in a presentation.				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

The overall module grade is based on 100% weighting (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	Integrated Studies 1 (SU1503)
Corequisites for module	None.
Precluded Modules	None.

ADDITIONAL NOTES

Where appropriate mixed discipline team working will be encouraged.

INDICATIVE BIBLIOGRAPHY

- 1 Walshaw, E. (2022) Understanding Architectural Details. First in Architecture, 4th Ed
- 2 Ching, F. (2020) Building Construction Illustrated. Wiley, 6th Ed.
- 3 Walshaw, E (2019) Understanding Passivhaus. First in Architecture, 2nd Ed.
- 4 Buzton, P (2022) Metric Handbook. Routledge, 7th Ed