

## MODULE DESCRIPTOR

### Module Title

Integrated Studies 1

Reference	SU1503	Version	1
Created	August 2023	SCQF Level	SCQF 7
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 Stage 1 in a project based scenario. To explain the functions and interaction of an Architectural Technologist's role with the various parties involved in the construction process. To develop the critical analytical skills required to be an Architectural Technologist.

### Learning Outcomes for Module

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

- 1 Integrate the various learning tools available and apply these to a problem from Brief for a client, site analysis to technical resolution.
- 2 Identify design solutions which address the brief's requirements using industry standard software applications and a range of multi-media.
- 3 Communicate design intentions using a range of industry standard presentation media.
- 4 Implement learning on the course set against a specific brief that illustrates the key skills of an Architectural Technologist at this level.
- 5 Acquire knowledge of strategies and solutions to sustainable approaches in a project brief.

### Indicative Module Content

The module is based on the development of a small scale design project. Interpretation of brief; site appraisal; research and development through generation, analysis and critique of feasibility study; synthesis and presentation of design solution and environmental strategy. Individual and team-working activities will be encouraged.

### Module Delivery

This is a module predominantly involving practical studio 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. 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 based on group and individual work. Coursework submitted as a single portfolio with poster comprising graphic content, virtual models and/or physical models.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The overall module grade is based on 100% weighting (portfolio). 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:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	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.

**ADDITIONAL NOTES**

Where appropriate mixed discipline team working will be encouraged.

**INDICATIVE BIBLIOGRAPHY**

- 1 Emmitt, S (2012) Architectural Technology. Wiley-Blackwell. 2nd Ed.
- 2 Watts, A (2023) Modern Construction Handbook. Birkhauser. 6th Edition
- 3 Walshaw, E (2022) Understanding Architectural Details - Residential. First in Architecture. 4th Edition.
- 4 CIAT, <https://architecturaltechnology.com/>
- 5 Ching, F. Green Building Illustrated. John Wiley & Sons, 2nd Ed