

MODULE DESCRIPTOR

Module Title

Integrated Construction Project

Reference	SU3061	Version	1
Created	March 2024	SCQF Level	SCQF 10
Approved	April 2024	SCQF Points	30
Amended		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. To develop a broad professional working understanding of project management relating to the design and construction process in the built environment.

Learning Outcomes for Module

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

- 1 Assess the technology and management solutions and any other factors which may influence time, cost and quality upon a real-life project developing appropriate knowledge.
- 2 Point out a selection of the appropriate procurement strategy, appropriate plan and programme of resources, including a cost plan, required to successfully complete the project.
- 3 Discuss the environmental, health & safety and sustainability issues involved in the construction project.
- 4 Defend the selected project plans of LO2 by oral presentation and critique and demonstrate an ability to independently study/work as well as participate collaboratively in a multi disciplinary team in context of a construction project.
- 5 Critically review the core contents of the module and relate to their application within the work place?including ethical, professional, and sustainable practices and professional attributes.

Indicative Module Content

The module facilitates the integration of topics delivered at Stages 1, 2 and 3 by guided application of best practice techniques to a real life project. Organisational and economic factors will be viewed in the context of flexible and efficient construction practices. Design technology and construction management will be integrated within a design context; with emphasis on a safe, environmentally responsible practical application and clear customer focus. Individual and team working activities will be encouraged. This module also will develop knowledge on the design/development/delivery of a medium sized building in an urban context. Interpretation of the selected procurement strategy will involve identifying and resolving project management and delivery problems; Research and development through generation, analysis and critique of feasibility study which addresses and resolves complexities of project delivery; Synthesis and presentation of solutions for project management and delivery of a project in a context which simulates professional practice.

Module Delivery

The module is delivered in Blended Learning mode using structured online learning materials/activities and directed study, facilitated by regular online tutor support. Workplace Mentor support and work-based learning activities will allow students to contextualise this learning to their own workplace. Face-to-face engagement occurs through annual induction sessions, employer work-site visits, and modular on-campus workshops.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	30	N/A
Non-Contact Hours	30	N/A
Placement/Work-Based Learning Experience [Notional] Hours	240	N/A
TOTAL	300	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>	240	

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:	A final presentation with critical reflection on work undertaken evidenced through a project orientated coursework based on individual components of applied knowledge. Coursework submitted as a report comprising scholarly activity, research and graphic content where appropriate.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The overall module grade is based on 100% weighting of Component 1 (assignment). 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.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 There is no separate reading programme for this module. The core bibliography cited in other Stage 1, 2 and 2 modules will provide the supporting reading material.
- 2 Watts, A. (2016) Modern construction handbook. Fourth edition. Basel, Birkhauser.
- 3 Morgan, C. (2018) Sustainable Renovation. [Online]. The Pebble Trust. Available from: [https://s3-eu-west1.amazonaws.com/s3.spanglefish.com/s/31974/documents/\[diitalv3\]-guide-to-domestic-retrofit-compressed.pdf](https://s3-eu-west1.amazonaws.com/s3.spanglefish.com/s/31974/documents/[diitalv3]-guide-to-domestic-retrofit-compressed.pdf).