

MODULE DESCRIPTOR

Module Title

Project Planning, Execution and Control

Reference	SU2052	Version	3
Created	April 2023	SCQF Level	SCQF 8
Approved	July 2018	SCQF Points	30
Amended	June 2023	ECTS Points	15

Aims of Module

To critically assess, within a problem solving environment, the techniques, tools, processes and strategies undertaken by project managers to define, plan, evaluate, monitor, control and deliver project requirements.

Learning Outcomes for Module

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

- 1 Use different planning techniques, evaluate the differing tasks' time, cost and quality requirements to produce a project delivery plan within a goal oriented environment.
- 2 Rate resource scheduling and allocation techniques within a project environment including application of network diagrams, critical path analysis and resource levelling.
- 3 Rate key project evaluation monitoring and control techniques including Earned Value Management, and their importance in bringing projects to successful completion.
- 4 Undertake the various IT project management led techniques, viewed as contemporary project management tools.
- 5 Undertake critical reflection on the core contents of the module and relate to their application within the work place.

Indicative Module Content

Planning fundamentals and overview; work content and scope management; WBS; time and cost estimation; project budgeting; resource management; project monitoring and control; earned value; IT tools for project planning and control; change control; quality systems and post project reviews. data management, storage and analysis. collaborative working; value for money; considerate construction

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:	An integrated assignment consisting of illustrated written work to demonstrate understanding and application of the module learning outcomes and reflecting on the learning development throughout the module weeks that involves theory and practice.				

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

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| 1 | JOHN M., N. 2020. Project management for engineering, business and technology. 6th ed. Routledge: London |
| 2 | CHARTERED INSTITUTE OF BUILDING, 2014. Code of practice for project management for construction and development. 5th ed. Chichester: Wiley. |
| 3 | KERZNER, H., 2013. Project management: a systems approach to planning, scheduling and controlling. 11th ed. Hoboken: Wiley. ebook |
| 4 | LOCK, D., 2013. Project management. 10th ed. Farnham: Gower. ebook |
| 5 | MANTEL, S.J. et al., 2011. Project management in practice. 4th ed. Hoboken: Wiley. |
| 6 | NICHOLAS, J.M., 2012. Project management for business and technology. 4th ed. Abingdon: Routledge. ebook |
| 7 | TURNER, R., 2014. Gower handbook of project management. 5th ed. Farnham: Gower. |
| 8 | HAMILTON, A., 1997. Management by projects: achieving success in a changing world. London: Thomas Telford. |