

Module code: MOD002402	Version: 7 Date Amended: 05/Jun/2026
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1. Module Title
Project Management Systems

2a. Module Leader
Hussein Ibrahim

2b. School
School of Engineering and the Built Environment

2c. Faculty
Faculty of Science and Engineering

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
15

4b. Study Hours
150

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	None		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

This module provides a thorough understanding of the process of project management, together with the complex and diverse range of resources and activities that the project manager must plan, co-ordinate and control to achieve a successful project. The process provides the framework into which the project manager integrates these resources and activities, and to which he/she applies the necessary management skills and knowledge to successfully execute the project. This module aims to cover these aspects of project management to provide a sound basis for the application of management and specialist skills to enable students to develop their project management abilities. The module considers the nature of the project environment, the role adopted by the project manager and the relationships between projects and the objectives of the sponsoring organisation. Throughout the module reference is made to the practical tools and techniques that underpin the activities of the project manager and support the core objectives of the project; tutorial exercises and case studies are used support this.

6b. Outline Content

-Project life cycle - Project definition and scope management - Project strategy - Project organisation and Stakeholders management - Managing progress and performance - Cost control and Change management – Communication and Information management - Health and safety management - Environmental management - Quality management - Risk management – Close out and hand-over

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

- Project management software (Microsoft Project and Primavera)

7. Learning Outcomes (threshold standards)

No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Synthesise a critical awareness and understanding of the context, factors and issues and process of project management.
2	Knowledge and Understanding	Appraise the role of the project manager, devise and implement appropriate strategies and approaches to the management of projects
3	Knowledge and Understanding	Solve complex problems relating to the management of construction projects
4	Intellectual, practical, affective and transferrable skills	Organise and critically analyse information, synthesise, evaluate and present alternative solutions

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	Hours	Learning Outcomes	Details of Duration, frequency and other comments
Lectures	12	1-4	1 hour x 12 weeks Lecture
Other teacher managed learning	24	1-4	1 hour x 12 weeks seminar/workshop 1 hour x 12 weeks tutorial
Student managed learning	114	1-4	9.5 hours per week over one semester
TOTAL:	150		

9. Assessment for the above Module Occurrence					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Coursework	1-4	100 (%)	Fine Grade	40 (%)
Two reports (Maximum 2500 words equivalent)					

Assessment components for Element 010				
Component No.	Assessment Title	Submission Method	Weighting (%)	Components needed for Mark Calculation?
010/1	Proposal Paper	Canvas	50 (%)	All
010/2	Reflective Paper	Canvas	50 (%)	

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

- (a) achieve the qualifying mark for each element of fine graded assessment as specified above**
- (b) pass any pass/fail elements**

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]