Module Definition Form (MDF)

Module code: MOD003248	**Version:** 3 **Date Amended:** 12/Jun/2019

1. Module Title
Project Planning and Control

2a. Module Leader
Shingai Chigangacha

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 is designed to enable students to develop a systematic understanding of the principles, practices and systems used to plan and control projects. It is designed to provide a critical insight into the use of integrated planning and programming software programs when used together with Project Management Information Systems [PMIS] to provide effective management of all aspects of a project, including resources, time and cost. The Module encourages a proactive approach to the planning and management of projects, with the integrated project management programme providing the key management tool and source of useable management information. Students will develop a working understanding of a range of techniques, including Earned Value Analysis, to support their planning and management of projects and will develop their ability to select, adapt and apply a variety of project planning and management techniques to the management of projects. The module recognises the importance of effective supply chain management to the successful management of a project and it seeks to enable students to develop a systematic but critical understanding of the concepts and practices of supply chain management, derived from a wide range of applications and industries, to enable them to develop effective approaches to the management of supply chains for projects.

6b. Outline Content

• Planning
• Scheduling and programming
- Project Management Information Systems [PMIS]
- Resourcing and resource management
- Management of time
- Supply chain management
- Earned vale analysis
- Management information techniques

6c. Key Texts/Literature

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

6d. Specialist Learning Resources

None

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	Demonstrate a systematic understanding of the systems, processes and techniques required to plan and control project.
2	Knowledge and Understanding	Apply a variety of techniques to enable effective planning and control of projects.
3	Intellectual, practical, affective and transferrable skills	Acquire and analyse data and information, and to critically evaluate its relevance and validity.
4	Intellectual, practical, affective and transferrable skills	Critically analyse problems and to synthesise a range of appropriate solutions, both recognised and innovative.

8a. Module Occurrence to which this MDF Refers				
Year	**Occurrence**	**Period**	**Location**	**Mode of Delivery**
2025/6	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	1-2	Lecture 1 hr x 12 weeks
Other teacher managed learning	24	1-4	Workshop/Seminar 2 hr x 12 weeks
Student managed learning	114	1-4	Private study
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 (%)
An applicational report/proposal relating to the critical selection, adaptation and application of the means to plan and control a project. 3000 words					

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]