



MODULE SPECIFICATION

Part 1: Information			
Module Title	Engineering Project Management		
Module Code	UFMF77-15-M	Level	Level 7
For implementation from	2019-20		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Engineering, Design and Mathematics
Department	FET Dept of Engin Design & Mathematics		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: Engineers typically spend most of their careers working in project teams. Managing projects is a critical skill for career development. To be effective they need to understand the tools and techniques available to them and the issues associated with meeting business and personnel needs. Much of this learning comes from engagement in and reflections of project operations.</p> <p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: See Learning Outcomes</p> <p>Teaching and Learning Methods: See Learning Outcomes</p>

Part 3: Assessment
The assessment is designed to provide a structured introduction to the concepts and principles of project management.

STUDENT AND ACADEMIC SERVICES

Following the initial teaching session students will complete a series of on-line study units resulting in an on-line test. The on-line test on project management concepts is based on an internationally recognised project management framework. These tests will build understanding of the principles of project management with techniques to support good practice.

At the end of the second teaching session students will be required to prepare a group presentation (controlled conditions assessment) examining a real-world project management scenario. For the group work, a transparent method is in place for identifying contribution. This peer assessed process is moderated and is used to re scale group mark for individual students.

The final element of assessment is an individual case study. Students are expected to demonstrate structured approach to a given project management case-study problem making use of the feedback obtained from the group presentation. The output will be a 1500 word report.

The resit report will be a rework of the original case study taking into account feedback from the 1st sit report.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B		60 %	Individual report (1500 words)
Presentation - Component A	✓	25 %	Group presentation (15 mins)
Online Assignment - Component B		15 %	Online project management test
Resit Components	Final Assessment	Element weighting	Description
Report - Component B		75 %	Individual report (1500 words)
Presentation - Component A	✓	25 %	Individual presentation (15 mins)

STUDENT AND ACADEMIC SERVICES

Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Critically evaluate different methodologies for managing project activities and assess the impact of alternative modes of project design and management of project progress and outcomes</td> <td>MO1</td> </tr> <tr> <td>Analyse and interpret stakeholder requirements within a project development plan</td> <td>MO2</td> </tr> <tr> <td>Understand and apply the underlying concepts and principles that underpin project management methods</td> <td>MO3</td> </tr> <tr> <td>Assess and mitigate risk within a project development process</td> <td>MO4</td> </tr> <tr> <td>Identify current research themes and work relevant to the field</td> <td>MO5</td> </tr> <tr> <td>Demonstrate knowledge and understanding of the principle tools and techniques applied by professional project managers</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Critically evaluate different methodologies for managing project activities and assess the impact of alternative modes of project design and management of project progress and outcomes	MO1	Analyse and interpret stakeholder requirements within a project development plan	MO2	Understand and apply the underlying concepts and principles that underpin project management methods	MO3	Assess and mitigate risk within a project development process	MO4	Identify current research themes and work relevant to the field	MO5	Demonstrate knowledge and understanding of the principle tools and techniques applied by professional project managers	MO6		
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/modules/ufmf77-15-m.html</p>																

Part 5: Contributes Towards
<p>This module contributes towards the following programmes of study:</p> <p>Engineering Business Management [Sep][PT][Frenchay][2yrs] MSc 2019-20</p>