



Module Specification

Engineering Project Management

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Part 1: Information

Module title: Engineering Project Management

Module code: UFMF77-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Engineering Design & Mathematics

Partner institutions: None

Field: Engineering, Design and Mathematics

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

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.

Features: Not applicable

Educational aims: See Learning Outcomes

Outline syllabus: See Learning Outcomes

Part 3: Teaching and learning methods

Teaching and learning methods: See Learning Outcomes

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 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

MO2 Analyse and interpret stakeholder requirements within a project development plan

MO3 Understand and apply the underlying concepts and principles that underpin project management methods

MO4 Assess and mitigate risk within a project development process

MO5 Identify current research themes and work relevant to the field

MO6 Demonstrate knowledge and understanding of the principle tools and techniques applied by professional project managers

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ufmf77-15-m.html) via the following link <https://uwe.rl.talis.com/modules/ufmf77-15-m.html>

Part 4: Assessment

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

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 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.

Assessment tasks:

Presentation (First Sit)

Description: Group presentation (15 mins)

Weighting: 25 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Report (First Sit)

Description: Individual report (1500 words)

Weighting: 75 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Presentation (Resit)

Description: Group presentation (15 mins)

Resit deliverable(s) will be scaled appropriately to group size and task complexity

Weighting: 25 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Report (Resit)

Description: Individual report (1500 words)

Weighting: 75 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Engineering Management [Frenchay] MSc 2023-24

Engineering Management [Frenchay] MSc 2023-24

Engineering Management [GCET] MSc 2023-24

Engineering Management [GCET] MSc 2023-24