



## **Module Specification**

### **Project Management in Practice**

Version: 2025-26, v1.0, Approved

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## Part 1: Information

**Module title:** Project Management in Practice

**Module code:** UFMEB8-30-M

**Level:** Level 7

**For implementation from:** 2025-26

**UWE credit rating:** 30

**ECTS credit rating:** 15

**College:** College of Arts, Technology and Environment

**School:** CATE School of Engineering

**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:** This module explores the key principles, concepts, tools and strategies of project management. Using a variety of teaching methods, students will understand how to effectively plan and execute a project, whilst considering the wider business context in which the project operates.

**Features:** Not applicable

**Educational aims:** This module aims to prepare students in delivering strategic change and transformation through the management of projects in organisations., and to develop the student's understanding of the stages, tools and techniques required for project initiation, planning, execution, control and termination.

**Outline syllabus:** This module will be delivered in two parts: A and B.

Part A is likely to consider the critical role of project management within organisations is examined including the underpinning project management processes and concepts. Procurement and contract management in a project environment are critically reviewed with emphasis on the procurement life cycle, contracts, factors that influence commercial conflict and disputes and conflict management. The project life cycle is introduced and the key activities within various project life cycle phases are critically discussed in detail.

Part B builds on Part A by introducing coverage of advanced topics, likely to include, but not limited to: project scheduling, risk and quality management, configuration and resource management, and cost control, as well as providing comprehensive knowledge of scheduling, for example, resource levelling and smoothing and other project management tools. Part B of the module will utilise tool such as Microsoft Project software to support learning and practical application.

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** The module's structure is thoughtfully designed to provide a coherent and comprehensive learning experience. It is practical and applicable, using a variety of teaching methods and pedagogical strategies that engage students through various learning styles. By employing a mix of lectures, discussions, and hands-on activities, we tailor to the unique needs of each learner, making the material accessible and engaging. These will enable students to understand how to effectively plan and execute a project whilst considering the wider business context in which the project operates.

The module may consist of:

Formal lectures to present the theoretical concepts, models and theories necessary to understand Project Management at the appropriate level.

Workshops employed to help students have an opportunity to investigate and understand specific areas of interest within Project Management and discuss these with their peers and tutors.

Analytical and "applied" skills-based activities, including case studies, where students have the opportunity to contextualise and apply their knowledge; and

Practical laboratory sessions to equip students with the necessary skills to employ specialist project management software to support their learning. The module builds on the previous materials, ensuring a logical progression of knowledge and skills that enhances overall learning outcomes.

Other key components considered in teaching and learning of the module may include but are not limited to:

**Inclusivity in Learning:** We strive to create an inclusive learning environment that respects diverse perspectives and recognises equality. This ensures that every student achieves their full potential and feels valued and empowered to contribute to discussions and activities, fostering collaboration and mutual respect.

**Practice-led research and evidence-based method:** The module is grounded in practice-led research and integrates best industry practices in delivering projects. It allows students to experience and tackle real-world challenges through case studies, consider industry approaches, and apply theoretical concepts in practical scenarios. In the module sessions, we place a strong emphasis on the importance of scholarly research and evidence-based practices. By integrating current research findings into the sessions, students are intellectually stimulated and learn to critically analyse project approaches, equipping them with the tools to make informed decisions about delivering projects and achieving successful change. This approach enhances

understanding and prepares students for actual project management roles, instilling a sense of readiness and confidence.

By integrating these elements into our teaching and learning strategies, we aim to cultivate competent, reflective, and inclusive project management practitioners ready to thrive in diverse business environments.

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

**MO1** Critically analyse the role of project management within organisations to deliver successful change.

**MO2** Critically apply procurement and contract management in a project environment.

**MO3** Plan and implement strategies and techniques for planning project time, budget, personnel, and resources within a specific organisational setting/context and recommend best practice approaches needed in managing projects within organisations.

**MO4** Manage project plans and strategies while considering a specific stakeholder.

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/46DA07B2-2598-F2AD-9BD0-6BFB4C6F424A.html?lang=en-GB&login=1) via the following link <https://rl.talis.com/3/uwe/lists/46DA07B2-2598-F2AD-9BD0-6BFB4C6F424A.html?lang=en-GB&login=1>

## Part 4: Assessment

**Assessment strategy:** The module will be assessed using two assessment tasks.

Task 1 is a group project that will assess learning outcomes (LO) LO1, LO2 and LO3. Given a specific case scenario, the team will be required to create a practical project plan that could be used by the organization in the scenario to manage the project. As part of the assessment, the team will also be required to submit the detailed schedule documents in a specialist project format. In preparing for this assessment, students will be able to undertake a series of formative exercises as topics are covered in the module and gain feedback in response. These deliverables accumulate and form the basis of the group project plan. This assessment strategy is employed to produce the type of output required by professional project management practice that is developed by a typical project team; and to maximise learning opportunities with added values for students' development and character building.

Task 2 is an individual presentation assessing learning outcomes LO4. Students will be required to manage project plan and strategies delivered in Component A while considering a chosen stakeholder. The need for LO4 in Task 2 is to ascertain the full grasp of individual understanding of some critical elements of the group project.

Resit is the same as the first sit.

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

**Assessment tasks:****Project (First Sit)**

Description: Group project plan with illustrations (equivalent to 6,000 words report).

Weighting: 80 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3

**Presentation (First Sit)**

Description: Task 2 is an individual presentation with embedded script/audio (15 minutes)

Weighting: 20 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO4

**Project (Resit)**

Description: Group project plan with illustrations (equivalent to 6,000 words report)

Weighting: 80 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3

**Presentation (Resit)**

Description: Individual presentation with embedded script/audio (15 mins).

Weighting: 20 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO4

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Engineering Management [Frenchay] MSc 2025-26