

WM270-15 Project Management and Leadership

23/24

Department

WMG

Level

Undergraduate Level 2

Module leader

Lydia Adigun

Credit value

15

Module duration

3 weeks

Assessment

100% coursework

Study locations

University of Warwick main campus, Coventry Primary

Distance or Online Delivery

Description

Introductory description

Management and leadership are essential to project success. Effective project management is gained through the control of factors that can affect the success of projects. As project managers are involved in influencing a project team to meet its goals they are involved also in Leadership.

[Module web page](#)

Module aims

This unit will allow participants to explore the project landscape and evaluate principles, methodologies and techniques used in industry to execute, manage and effectively deliver projects. Participants will discuss the importance of effective planning, monitoring and controlling projects in order to ensure they are successfully delivered within time, cost and scope constraints. Participants will analyse the Project Life Cycle. This will involve comparing and contrasting Waterfall and Agile models and evaluating factors that influence the choice of project management methodology. Participants will also explore the nature and importance of leadership in project management and evaluate different leadership styles.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

- Introduction to projects and project management
- Project Organisation & Strategy
- Project Management Methodologies
- Organisational Structures and the Project Management Office
- Project Planning, Monitoring and Control
- Stakeholder management
- Project communication
- Project Quality Management
- Risk identification, analysis, and management
- Project planning & Networks
- Project Management for New Product Development
- The Project Team
- Leadership and Project Management

Learning outcomes

By the end of the module, students should be able to:

- To gain In-depth understanding of fundamental project management concepts and tools
- Compare and contrast between Waterfall and Agile Project Life Cycle models
- Evaluate project management techniques used to successfully delivery projects within time, cost and scope constraints.
- Differentiate between leadership and management and the role of each in ensuring project success.

Indicative reading list

[Reading lists can be found in Talis](#)

[Specific reading list for the module](#)

Subject specific skills

Project Planning
Project Scheduling
Project Monitoring and Control
Teamworking
Leadership
Communication

Transferable skills

Decision Making Skills
Problem solving skills
Organisation skills
Leadership skills
Critical thinking

Study

Study time

Type	Required
Lectures	16 sessions of 1 hour (11%)
Seminars	5 sessions of 1 hour (3%)
Online learning (scheduled sessions)	9 sessions of 1 hour (6%)
Private study	60 hours (40%)
Assessment	60 hours (40%)
Total	150 hours

Private study description

Online activities to be completed. Independent learning materials, videos, articles and practice questions.

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Assessment group A2

Assessment component	Weighting	Study time	Eligible for self-certification
Post Module Assignment	70%	42 hours	Yes (extension)
An individual report based on the application and evaluation of project management concepts, tools and techniques.			

Weighting**Study time****Eligible for self-certification**

Reassessment component is the same

Assessment component

In-class Test	30%	18 hours	No
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Multiple choice questions on Project management principles

Reassessment component is the same

Feedback on assessment

Written feedback will be provided for the Post Module Assignment
In-class debrief of performance for the in-class assessment.

Availability**Courses**

This module is Core for:

- Year 2 of UWMS-H7C3 Undergraduate Applied Professional Engineering (Control/Technical Support Engineer)
- Year 2 of DWMS-H7C7 Undergraduate Applied Professional Engineering (Control/Technical Support Engineer) (Degree Apprenticeship)
- Year 2 of UWMS-H7C2 Undergraduate Applied Professional Engineering (Electrical/Electronic Support Engineer)
- Year 2 of DWMS-H7C6 Undergraduate Applied Professional Engineering (Electrical/Electronic Support Engineer) (Degree Apprenticeship)
- Year 2 of UWMS-H7C1 Undergraduate Applied Professional Engineering (Manufacturing Engineer)
- Year 2 of DWMS-H7C5 Undergraduate Applied Professional Engineering (Manufacturing Engineer) (Degree Apprenticeship)
- Year 2 of UWMS-H7C4 Undergraduate Applied Professional Engineering (Product Design and Development Engineer)
- Year 2 of DWMS-H7C8 Undergraduate Applied Professional Engineering (Product Design and Development Engineer) (Degree Apprenticeship)