

WM9F9-60 MSc Project for Engineering Business Management

26/27

Department

WMG

Level

Taught Postgraduate Level

Module leader

Jane Marshall

Credit value

60

Module duration

26 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

This dissertation module enables students to engage in an extended piece of independent research, answering a question which is of relevance to the programme of study at the time the project is started.

Module aims

For engineering Business Management - The project should normally be related to the management of: Companies in the engineering sector or The engineering function in a non-engineering company or The supply chain within the engineering sector.

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.

The nature of research.
Research methods,

Ethical considerations in research.

Risk management of projects.

Planning, managing and monitoring a research project.

Learning outcomes

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

- Formulate a research question, consistent with the time and resource available to conduct the research.
- Select and apply appropriate research methods to suit the requirements of a specific research question.
- Critically evaluate the body of research, synthesising ideas into a referenced literature review
- Devise and perform an ethically responsible investigation, informed by the findings of previous researchers and efficiently utilising available resource
- Present findings in the dissertation with clarity, appropriately evaluating the confidence that should be placed in any findings and demonstrating the benefit of the work undertaken
- Critically assess the impact on the sustainability challenges of the proposed answer to the research question
- Communicate effectively with technical and non-technical audiences, and evaluate the effectiveness of the methods used

Indicative reading list

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

[Specific reading list for the module](#)

Research element

This module is a research project, including individual supervision throughout the project and dissertation writing process.

Subject specific skills

These skills will depend on the nature of the project and the course undertaken

Transferable skills

Researching academic literature;

Critical analysis of sources;

Report writing;

Project planning and execution;

Meeting skills;

Data analysis skills;

Presentation skills

Study

Study time

Type	Required
Lectures	3 sessions of 1 hour (0%)
Project supervision	7 sessions of 1 hour (1%)
Online learning (scheduled sessions)	(0%)
Online learning (independent)	3 sessions of 1 hour (0%)
Other activity	17 hours (3%)
Private study	370 hours (62%)
Assessment	200 hours (33%)
Total	600 hours

Private study description

Students will manage their independent research project to produce a written dissertation. This will require students to apply their time management and organisational skills to manage the key stages of the project.

Other activity description

Students will be required to engage in self-directed synchronous and asynchronous activities such as research and development of their project ideas, ethical approval, academic integrity and any other activities.

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
Student Project Dissertation	90%	188 hours	No

	Weighting	Study time	Eligible for self-certification
written dissertation			

Reassessment component is the same

Assessment component

Project Poster Presentation	10%	12 hours	No
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Prepare and present a project poster to a technical and non-technical audience and reflect on the effectiveness of the methods used

Reassessment component is the same

Feedback on assessment

Written feedback provided

Availability

Courses

This module is Core for:

- Year 1 of TWMS-H1S3 Postgraduate Taught Engineering Business Management (Full-time)