

WM009-60 Company Based Project

20/21

Department

WMG

Level

Taught Postgraduate Level

Module leader

Lauren Schrock

Credit value

60

Module duration

26 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

The dissertation enables students to engage in an extended piece of company-based independent research, answering a question of relevance to the programme of study and their chosen organisation.

Module aims

The dissertation enables students to engage in an extended piece of company-based independent research, answering a question of relevance to the programme of study and their chosen organisation.

This MA1 form covers the following courses:

Automotive Technology

The project should relate to existing or emerging technology applicable to individual organisations or groups of organisations operating primarily in the automotive sector.

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.

Managing in Technology Based Industries

The project can address any area of business management within a technology based organisation such as operations, financial, human resources, supply chain, or strategic management issues. It could also investigate cross-functional business issues, or working with external organisations (e.g. supply chain partners, suppliers, or other interfaces).

Manufacturing Systems Engineering and Management

The project should relate to product or process technology, operations or management within a manufacturing context

Programme & Project Management

A suitable project should clearly and substantially relate to, or be applicable to, the management of projects or programmes. Topics can include project or programme methods, methodologies, tools, processes, human factors, multi-project scenarios, collaborative projects, in-company applications, or new product or service introduction. The application or research can be in any industry, including but not restricted to, engineering, service industry or IT

Supply Chain and Logistics Management

The project should relate to a logistics related topic.

Systems Engineering Technical Leadership (Aviation)

The project should normally be related to the exploration of technical leadership within a systems engineering environment.

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
- Structuring and writing a Masters dissertation

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 and of significance to the chosen organisation.
- Critically evaluate the body of research, synthesising ideas into a referenced literature review.
- Select and apply appropriate research methods to suit the requirements of the defined research question.
- 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 both academically and for the chosen organisation.

Indicative reading list

Bottomley, J., Academic Writing for International Students of Science; Routledge, 2014 ISBN-13: 978-0415832410

Biggam, J., Succeeding with your Master's Dissertation: A Step-by-Step Guide, Open University Press, Milton Keynes, United Kingdom, 2015, 3rd Edition, ISBN13 9780335264483.

Cottrell, S., Critical Thinking Skills: Developing Effective Analysis & Argument, Palgrave, 2011, 2nd Edition, ISBN-13: 978-0230285293

Dawson, C; Introduction to Research Methods; HowTo Books, 2009 (ISBN: 8601200757002)

Hamp-Lyons, L. and Heasley, B. Study Writing. Cambridge University Press, 2006 (ISBN: 9780521534963)

Pears, R. & G. Shields, Cite Them Right, The Essential Referencing Guide, Palgrave, 10th Edition, 2016 (ISBN: 9780230272316)

Wallace, M. and A Wray; Critical Reading and Writing for Postgraduates; Sage, 2011 (ISBN: 9781412961820)

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

Study

Study time

Type	Required
Project supervision	30 sessions of 1 hour (5%)
Private study	570 hours (95%)
Total	600 hours

Private study description

Independent student activity of approximately 600 hours.

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Assessment group A2

	Weighting	Study time
Dissertation	100%	
A 20,000-word dissertation; a viva may be required in addition to this for certain situations (pass/fail only)		

Feedback on assessment

Written and verbal feedback provided, following the viva. \r\n\r\n

Availability

Courses

This module is Option list E for:

- Year 1 of TESA-H7PD Postgraduate Taught Supply Chain and Logistics Management (Home Fees)