

Module Code:	BUS7B16
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Module Title:	Project and Operations Management
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Level:	7	Credit Value:	15
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Cost Centre(s):	GABP	JACS3 code:	N213
		HECoS code:	100812

Faculty	Faculty of Social & Life Sciences North Wales Business School	Module Leader:	Dr Ben Binsardi
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Scheduled learning and teaching hours	15 hrs
Guided independent study	135 hrs
Placement	0 hrs
Module duration (total hours)	150 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
MBA Project Management	✓	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval: 30/01/2020

Version no: 1

With effect from: 01/09/2020

Date and details of revision:

Version no:

Module Aims

This module aims to develop students' understanding and knowledge on how to manage production processes, how firms achieve a competitive advantage through improving the processes involved in delivering superior products and services and by increasing efficiencies.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

1	Provide a critical insight into the production functions of an organisation such as operations management, operations performance and operations strategy.	KS1	KS6
		KS2	KS8
		KS3	KS9
2	Undertake appropriate production and inventory analyses and propose strategic recommendations to improve both effectiveness and efficiency.	KS1	KS6
		KS2	KS7, KS8
		KS3	KS9, KS10
3	Identify appropriate techniques to manage risk and recovery as well as design and deliver a company's operation successfully	KS1	KS5
		KS3	KS6, KS8
		KS4	KS9, KS10
4	Critically evaluate the production and supply chain performance of an organisation.	KS1	KS5, KS6
		KS3	KS7, KS8
		KS4	KS9, KS10

Transferable skills and other attributes

Written skills, problem solving skills, information technology skills and digital literacy, research skills, learning to learn (managing personal and professional development, self-management) and numeracy skills

Derogations

None

Assessment:

Indicative Assessment Tasks:

Assignment 1 (Essay) (30%) (circa 1,000 words)
SUPPLY CHAIN OPERATIONS

Assignment 2 (Report) (35%) (1,000 words)
THE CRITICAL PATH METHOD (CPM)

Assignment 3 (Report) (35%) (1,000 words)
THE ECONOMIC ORDER QUANTITY (EOQ)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or word count (or equivalent if appropriate)
1	1	<i>Essay</i>	30%	1,000 words
2	3 and 4	<i>Report</i>	35%	1,000 words
3	2	<i>Report</i>	35%	1,000 words

Learning and Teaching Strategies:

The learning and teaching strategy will consist of formal lectures to present theory, principles and practices which will form the foundation of the learning outcomes. Students will be encouraged to interact and contribute as a means of developing critical skills. Tutorials will be activity based using real world case studies and live examples to apply the theory into practice and develop their decision making and evaluating skills. In addition, students will be encouraged to undertake self-directed study and further research on selected topics to acquire additional perspectives which will provide them with a deeper understanding of the topics covered.

Syllabus outline:

Introduction to operations management
 Introductory Design
 Intermediate Design
 Introductory Planning and Control
 Intermediate Planning and Control
 Advanced Planning and Control
 Improvement

Indicative Bibliography:

Essential reading

Slack, N. and Brandon-Jones. (2019). *Operations Management*, 9th Edition, London, UK, Publisher: Pearson.

Recommended (optional) reading

Heizer, J., Render, B. and Munson, C. (2016). *Principles of Operations Management: Sustainability and Supply Chain Management*, Global Edition Paperback, New York, USA, Publisher: Palgrave,

Operations Management: Theory and Practice's websites:

<https://www.ais-cpa.com/what-is-operations-management-theory/>

<https://catalogue.pearsoned.co.uk/educator/product/Operations-Management/9781292098678.page>

<https://www.pearson.com/us/higher-education/product/Heizer-Companion-Website-for-Operations-Management-10th-Edition/9780135107195.html>