

Module specification

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Module Code	ONLM705
Module Title	Operations Management
Level	7
Credit value	15
Faculty	Wrexham Business School
HECoS Code	100079
Cost Code	GABP
Pre-requisite module	N/A

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
MSc Management & Leadership (Online)	Core
MSc Management with Project Management (Online)	Core
MSc Management with Healthcare Management (Online)	Core
MSc Management with HR Management (Online)	Core
MSc Management with Supply Chain Management (Online)	Core
MSc Management with Finance (Online)	Core
MSc Management with Organisational Psychology (Online)	Core
MSc Management with Marketing (Online)	Core
MSc Management with Business Analytics (Online)	Core
MSc Management with International Business (Online)	Core

Breakdown of module hours

Learning and teaching hours	15 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	15 hrs
Placement hours	0 hrs
Guided independent study hours	135 hrs
Module duration (Total hours)	150 hrs

Module aims

In this module, you will gain a deep understanding of operations management and how it is critical to your success in any field, from consulting to entrepreneurship to general management. Detailed in this module are major problems and decision processes of operations management such as operations strategy, process and capacity planning, facilities planning, aggregate planning, materials planning, and quality planning

Module Learning Outcomes

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

1	Critically analyse processes that determine performance measures and evaluate effectiveness within an ethical and sustainable business environment.
2	Propose strategies to manage and resolve bottlenecks and the theory of constraints and justify your proposals within the context of academic research.
3	Critically explain production concepts and basic efficiency and utilization calculations and justify their value within an organisation.
4	Execute measurements for quality control and improvement, evidencing academic and critical justifications.
5	Analyse the functions and costs of an inventory system.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1:

Learners are to develop a presentation focussing on the fundamental aspects of operations management processes. Within this presentation learners are also required to evaluate effectiveness of those processes and propose solutions for future improvement based on evolving operational needs.

Assessment 2:

Learners are to present a written portfolio of evidence which will critically evaluate the effectiveness of an operations plan and associated business tools which are used to ensure the day to day running and resources of the business to facilitate future success of the organisation

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1, 2	Presentation	750	40	N/A
2	3, 4, 5	Portfolio	2250	60	N/A

Derogations

None

Learning and Teaching Strategies

The overall learning and teaching strategy is one of guided independent study, in the form of distance learning requiring ongoing student engagement. Online material will provide the foundation of the learning resources, to support a blended approach, requiring the students to log-in and engage on a regular basis throughout the eight-week period of the module. There will be a mix of recorded lectures and supporting notes/slides, containing embedded digital content and self-checks for students to complete as they work through the material and undertake the assessment tasks. The use of a range digital tools via the virtual learning environment together with additional sources of reading will also be utilised to accommodate learning styles. There is access to a helpline for additional support and chat facilities through Canvas for messaging and responding.

Welsh Elements

Every student has the right to submit written work or examinations in Welsh. All Welsh speaking students have the right to a Welsh speaking tutor. Elements of the Welsh language and culture will be embedded throughout the module where possible.

Indicative Syllabus Outline

Foundations of process management and improvement
Strategies and structures in productivity
Operations management and organisational strategy
Operations problems and prevention strategies
Risk management strategies
Fundamentals of productivity and quality management
Quality control
Inventory management

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads:

International Journal of Business and Globalisation
International Journal of Business and Management
International Journal of Corporate Social Responsibility
International Journal of Operations and Production Management
International Trade Journal
Journal of Business and Management
Journal of Business Research
Journal of International Economics
Journal of Operations Management

Other indicative reading:

Gujarati, D. (2016). *Econometrics by Example*, New York, USA, Publisher: Palgrave

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

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

Administrative Information

For office use only	
Initial approval date	29/7/2024
With effect from date	Sept 2024
Date and details of revision	06/26 Revalidation
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