

Liverpool John Moores University

Title: BUSINESS OPERATIONS
Status: Definitive
Code: **5501SM** (107489)
Version Start Date: 01-08-2011

Owning School/Faculty: Liverpool Business School
Teaching School/Faculty: Isle of Man International Business School

Team	Leader
Alex Watt	Y

Academic Level: FHEQ5
Credit Value: 12.00
Total Delivered Hours: 26.00
Total Learning Hours: 120
Private Study: 94

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	A final exam	60.0	2.00
Essay	AS2	CW1, operations strategy	30.0	
Essay	AS3	CW2, supply chain management	10.0	

Aims

To acquaint the students with a basic knowledge of the design and planning and control aspects of Operations Management, with a focus on key decision making areas within this discipline: processes, capacity, inventory, and quality. The emphasis is on appreciating the importance of the operations functions within the context of enterprises and the economy, and in relation to the other business functions.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise a business situation and formulate it in terms of operations strategy given customer's requirements and the competitive strategy of the firm; and to be able to plan for the implementation of this operations strategy by producing appropriate plans and policies.
- 2 Understand the need for innovative processes within organisations, their management challenges, and the techniques used to manage them.
- 3 To appreciate the issues and challenges in supply chain management, especially supply chain dynamics.
- 4 Investigate, independently and with confidence, operations management issues and techniques in a broad variety of contexts.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1	2	3	4
ESSAY	1			
ESSAY	3			

Outline Syllabus

Topic 1: Introduction to operations management

Topic 2: Performance and Operations Strategy

Topic 3: Supply chain management

Topic 4: New Product development and process selection

Topic 5: New Service development and process selection

Topic 6: Quality management and control

Topic 7: Facility Decisions

Topic 8: Aggregate Production Planning

Topic 9: Production Scheduling

Topic 10: Inventory Management

Topic 11: Course Review

Learning Activities

A one hour lecture and a one hour tutorial each week. The supply chains tutorials will be based on a computer simulation game (Harvard Business School Root Beer Game).

References

Course Material	Book
Author	Brown, S, Blackmon, K, Cousins, P and Maylor, H
Publishing Year	2001
Title	Operations Management: Policy, Practice and Performance Improvement
Subtitle	
Edition	
Publisher	Butterworth-Heinemann
ISBN	

Course Material	Book
Author	Davis, M, Aquilano, N and Chase, R
Publishing Year	2003
Title	Fundamentals of Operations Management
Subtitle	
Edition	
Publisher	4th edition, McGraw-Hill
ISBN	

Course Material	Book
Author	Greasley, A
Publishing Year	2009
Title	Operations Management
Subtitle	
Edition	
Publisher	John Wiley and Sons
ISBN	

Course Material	Book
Author	Galloway, L, Rowbotham, F and Azhashemi, M
Publishing Year	2000
Title	Principles of Operations Management
Subtitle	
Edition	
Publisher	Butterworth-Heinemann
ISBN	

Course Material	Book
Author	Naylor, J
Publishing Year	1998
Title	Operations Management
Subtitle	
Edition	
Publisher	FT Prentice Hall
ISBN	

Notes

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