

## BATB310: Operations Management

Module Code:	BATB310
Long Title	Operations Management <b>APPROVED</b>
Title	Operations Management
Module Level:	LEVEL 7
EQF Level:	6
EHEA Level:	First Cycle
Credits:	10
Module Coordinator:	FABIAN ARMENDARIZ- CORDOVA
Module Author:	Shauna Cassidy
Departments:	
Specifications of the qualifications and experience required of staff	
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner will be able to:</i>	
<b>#</b>	<b>Learning Outcome Description</b>
LO1	LO 1. Students will develop an understanding of the applied and integrated nature of operations management.
LO2	LO 2. Students will learn to analyse and understand the functional aspects of operations management.
LO3	LO 3. Students will gain the ability to prepare and analyse an operations management case study.
LO4	LO 4. Students will understand how to integrate academic theory with practice in an operations environment.
LO5	LO 5. Students will research, develop, write and present a project based on a management issue in a modern business environment
<b>Dependencies</b>	
<b>Module Recommendations</b>	
No recommendations listed	
<b>Co-requisite Modules</b>	
No Co-requisite modules listed	
<b>Entry requirements</b>	

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Module Content & Assessment			
Indicative Content			
<b>Operations Management (20%)</b> ∫ Introduction to operations management ∫ Operations processes ∫ The strategic role and objectives of operations ∫ Operations strategy			
<b>Design (20%)</b> ∫ Process design ∫ The design of products and services ∫ Supply network design ∫ Layout and flow ∫ Process technology ∫ Job design and work organisation			
<b>Planning and Control (25%)</b> ∫ The nature of planning and control ∫ Capacity planning and control ∫ Inventory planning and control ∫ Supply chain planning and control ∫ Enterprise resource planning (ERP) ∫ Lean production and JIT ∫ Project planning and control ∫ Quality planning and control			
<b>Improvement (20%)</b> ∫ Operations improvement ∫ Failure prevention and recovery ∫ Managing improvement – the TQM approach			
<b>The operations challenge (15%)</b> ∫ Globalisation ∫ Social and environmental responsibility ∫ Technology and knowledge management			
<b>Teaching Methodology</b> This module is delivered through the case study and problem based learning (PBL) methodologies. Students are introduced to a broad variety of quantitative analytical tools and operations design techniques through lectures. Learning is enhanced by means of practical exercises and case study sessions where such analytical tools and techniques are applied to real-life case scenarios in tutorials and group discussions monitored through the virtual learning environment to facilitate feedback and promote engagement. To consolidate learning, the final exam consists of a longer case study which integrates all the specific analytical skills developed through the course work. This final exam is an open book one, which means that students are allowed to bring in any written or printed material of their choice. The case study associated with the exam is to be provided to the students in advance for them to prepare. Questions in the exam are not to be related to specific concepts or theories in the literature, but about their application in the analysis of operational situations.			
Assessment Breakdown			%
Coursework			50.00%
End of Module Assessment			50.00%
Assessments			
Full Time			
Coursework			
Assessment Type:	Project	% of total:	30
Assessment Date:	n/a	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
Assessment Description:	n/a		
Assessment Type:	Assignment	% of total:	20
Assessment Date:	n/a	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
Assessment Description:	n/a		
End of Module Assessment			
Assessment Type:	Terminal Exam	% of total:	50
Assessment Date:	End-of-Semester	Outcome addressed:	1,2,3,4,5
Non-Marked:	No		
Assessment Description:	End-of-Semester Final Examination		
No Workplace Assessment			

## BATB310: Operations Management

Module Workload				
Module Target Workload Hours 0 Hours				
Workload: Full Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	No Description	3	Every Week	3.00
Tutorial	No Description	1	Every Week	1.00
Total Weekly Contact Hours				4.00
Workload: Part Time				
Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	No Description	3	Every Week	3.00
Tutorial	No Description	1	Every Week	1.00
Total Weekly Contact Hours				4.00

Module Resources	
<i>Recommended Book Resources</i>	
<p>Slack, P.N. et al. (2008), Operations Management: AND Quantitative Analysis in Operations Management, 5th ed. Financial Times/ Prentice Hall..</p> <p>Krajewski, L.J., Ritzman, L.P. &amp; Malhotra, M.K., (2009), Operations Management: International Version, 9th ed. Pearson.</p>	
<i>Supplementary Book Resources</i>	
<p>Interfaces (academic journal). Published by INFORMS, Institute for Operations Research..</p> <p>International Journal of Operations &amp; Production Management.</p> <p>Encyclopaedia of Operations Research &amp; Management Science. Springer Science &amp; Business Media B.V..</p>	
<i>This module does not have any article/paper resources</i>	
<i>This module does not have any other resources</i>	
Discussion Note:	