

Lean Operations

Module Information

2022.01, Approved

Summary Information

Module Code	6026LBSBSC
Formal Module Title	Lean Operations
Owning School	Business and Management
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Business and Management

Learning Methods

Learning Method Type	Hours
Lecture	22
Seminar	22

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-MTP	MTP	September	12 Weeks

Aims and Outcomes

Aims	<ul style="list-style-type: none"> • To develop students' understanding regarding the application of methodologies within business quality management. • To introduce students to the concepts of Six Sigma and Lean and their associated tools and techniques as means to improve process performance.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify and critically analyse business process problems and apply appropriate techniques for process improvement.
MLO2	2	Demonstrate knowledge of Lean Six Sigma principles and tools at Yellow Belt level.
MLO3	3	Demonstrate knowledge of Lean Six Sigma principles and tools at Green Belt level.
MLO4	4	Critically assess resource allocation decisions using m contemporaneous management practices.

Module Content

Outline Syllabus	• Lean principles • Lean Thinking• Six Sigma principles
Module Overview	This module develops your understanding regarding the application of methodologies within business quality management. You will be introduced to the concepts of Six Sigma and Lean and their associated tools and techniques as means to improve process performance.
Additional Information	This module is part of the Operations and Technology Management pathway.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Yellow Belt - Six Sigma	50	0	MLO1, MLO2
Centralised Exam	Green Belt - Six Sigma	50	2	MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Zhuohua Qu	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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