

Liverpool John Moores University

Title: Production and Process Management

Status: Definitive

Code: **6503DAV** (125147)

Version Start Date: 01-08-2021

Owning School/Faculty: Engineering

Teaching School/Faculty: German Academy for Foreign Trade and Logistics

Team	Leader
Ben Matellini	Y

Academic Level:	FHEQ6	Credit Value:	20	Total Delivered Hours:	81.5
Total Learning Hours:	200	Private Study:	118.5		

Delivery Options

Course typically offered: Semester 1 and Summer

Component	Contact Hours
Lecture	40
Tutorial	40

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Written Examination	100	1.5

Aims

To analyse the principles and practices of management in processes and production in the context of wider logistics systems.

Learning Outcomes

After completing the module the student should be able to:

- 1 Assess production- and process management- related issues and their relationship to logistics.
- 2 Design and sequence business processes which integrate people, data and materials.
- 3 Optimize business processes related to efficiency, service level, quality, cost, agility, and change.
- 4 Fulfill the role of a production manager in businesses.
- 5 Design manufacturing processes and facilities.

Learning Outcomes of Assessments

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

Examination	1	2	3	4	5
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Outline Syllabus

1. *Process Management*
 - *Processes in the Information Economy*
 - *Manufacturing and Processes*
 - *Operation Process Concepts*
 - *Process Modeling and Simulation*
 - *Processes and Quality Control*
 - *Managing Supply, Demand and Inventory*
 - *Process Re-engineering*
2. *Production Management*
 - *Basic Types of Production Systems*
 - *Lean Manufacturing*
 - *Forecasting and Aggregate Planning*
 - *Queueing Management*
 - *Material Requirements Planning*
 - *Production Scheduling*

Learning Activities

Integrated series of formal lectures and tutorials.

Notes

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