

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Understanding Just in Time's Impact on Logistics
Unit Reference Number:	Y/618/7520
Level:	Level 3
Credit Value:	4
Minimum GLH:	32

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand the process of Just in Time	1.1 Explain the concept of Just in Time manufacturing
	1.2 Evaluate the advantages and disadvantages of Just in Time Manufacturing
	1.3 Explain the conditions required to achieve Just in Time manufacturing
2. Understand the process of Lean management and its impact on the logistics sector	2.1 Summarise the principles of lean management techniques
	2.2 Evaluate the advantages of a lean manufacturing or organisational environment
	2.3 Summarise the principles of the Six Sigma lean management system
	2.4 Explain how lean management impacts the logistics sector
3. Understand business improvement used in the logistics sector	3.1 Summarise the principles of Kaizen business improvement techniques
	3.2 Explain how "waste" can be identified and eliminated
	3.3 Explain the role of business improvement in the logistics sector

Learning Outcome 1 - Indicative Content

Learners should consider the principles of Just in Time manufacturing/operations, advantage, disadvantages and conditions for successful implementation and the application of JiT to the logistics industry.

In addition, the context of supply chain logistics, learners should consider how the concepts of Lean and Agile are adopted by organisations as part of developing a JiT approach.

Learning Outcome 3 - Indicative Content

Learners should consider the principles of Six Sigma as a process for reducing and Business Improvement techniques should be covered including waste reduction; how it can be identified and eliminated within the logistics sector.