

LOG208 Warehouse Management and Technology

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JAN

Synopsis:

Warehouses and fulfilment centres play an important role to support businesses on a global scale and ensure that customer expectations are met. Warehousing facilitates product accumulation, consolidation and customisation, improves logistics accuracy and minimises the effects of supply chain inefficiencies. This course provides the students with an understanding of the concepts and applications for managing warehouse operations in the era of the digital economy. Through this exposure, students will gain insights into how warehousing adds value to the organisation's supply chain and how warehousing decisions can increase efficiency and reduce costs.

Topics:

- Role of Warehousing in the Supply Chain
- Warehouse Administration and Processes
- Receiving and Putaway
- Order Picking and Other Processes
- Warehouse Management Systems
- Innovations in Warehousing
- Warehouse Layout Design
- Storage and Handling Equipment
- Pricing for Warehousing
- Warehouse Performance Management
- Workplace Safety and Health
- The Warehouse of the Future

Textbooks:

Richards, G: Warehouse Management: A Complete Guide to Improving Efficiency and Minimizing Costs in the Modern Warehouse 3 Kogan Page
ISBN-13: 9780749479770

Learning Outcome:

- Explain the importance of warehousing in the supply chain as well as related warehousing tasks and processes.
- Apply the processes for efficient and effective warehouse operations.
- Review the innovations that enable efficiencies in warehouse operations.
- Examine the design, storage and handling considerations for optimising warehouse operations.
- Discuss relevant costing models and key performance indicators for warehouse performance management.
- Develop effective policies and procedures to manage workplace safety and health.

Assessment Strategies (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-COURSE QUIZ 1	2
	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	TUTOR-MARKED ASSIGNMENT 1	18
	GROUP BASED ASSIGNMENT 1	20
	PARTICIPATION 1	6
Overall Examinable Components	Written Exam	50
Total		100

Assessment Strategies (Online Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	PRE-COURSE QUIZ 1	2
	DISCUSSION BOARD 1	10
	GROUP BASED ASSIGNMENT 1	10
	PARTICIPATION 1	6
	TUTOR-MARKED ASSIGNMENT 1	18
Overall Examinable Components	Written Exam	50
Total		100