

# 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 (Daytime Class):**

| <b>Components</b>             | <b>Description</b>        | <b>Weightage Allocation (%)</b> |
|-------------------------------|---------------------------|---------------------------------|
| Overall Continuous Assessment | PRE-COURSE QUIZ 1         | 2                               |
|                               | PRE-COURSE QUIZ 2         | 2                               |
|                               | PRE-COURSE QUIZ 3         | 2                               |
|                               | TUTOR-MARKED ASSIGNMENT 1 | 18                              |
|                               | GROUP BASED ASSIGNMENT 1  | 20                              |
|                               | PARTICIPATION 1           | 6                               |
| Overall Examinable Components | Written Exam              | 50                              |
| <b>Total</b>                  |                           | <b>100</b>                      |

**Assessment Strategies (Online Class):**

| <b>Components</b>             | <b>Description</b>        | <b>Weightage Allocation (%)</b> |
|-------------------------------|---------------------------|---------------------------------|
| 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                              |
| <b>Total</b>                  |                           | <b>100</b>                      |