Course Information Form (CIF)

Course Code: MGT 115

Course Title: Warehouse Operations

Department: Business/Computer Science and Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 52.0409
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 3-0-3
Credit Hour Distribution:

Lecture: 3	Lab: 0	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Introduces the concepts behind the movement of goods through a warehouse environment, including material handling, warehouse management, and packaging. Distribution centers vs traditional warehousing, and the overall impact of packaging beyond just product protection. Discusses the overall organizational structure and impact of warehouse operations as part of the broader supply chain.

General Course Objectives

- Students will gain knowledge and understanding of basic warehouse environments and how these warehouses affect the overall success of the business and supply chain.
- Students will be able to explain the importance of each role in detail and how it impacts the overall success of the organization.

Minimum Placement Levels

English	Reading	Math
Placement out of ENG 098	Placement out of CCS 098	Placement out of MAT 060

Prerequisites

None

Methods of Evaluation

Students will be evaluated using group discussions, 10-15 quizzes, interview-based question and answer sessions, as well as 1 midterm and 1 final exam.

Instructional Materials and Additional Supplies

Warehouse Management, Gwynne Richards. 2021. 978-0749460747

Course Content

General Learning Outcomes (GLOs)

- Critical Thinking and Information Literacy: Students will demonstrate the ability to evaluate perspectives, evidence, and implications, and to locate, assess, and use information effectively.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Warehouse Operations as Part of the Broader Supply Chain	1. Explain the roles of different aspects of warehouse management including receiving, shipping, storage, inventory, packaging, and the various methods of distribution from within.	4	0	0
Warehousing versus Distribution Centers	1. Compare and contrast distribution centers and traditional warehouses.	4	0	0
Material Handling Equipment and Equipment Selection	1. Identify which types of equipment should be procured and utilized for different environments.	4	0	0
Warehouse Layout and Functionality	1. Determine which types of warehouse layout are necessary for different types of products and supply chains.	4	0	0
Storage and Retrieval Systems	1. Understand racking requirements based on specifications of building layouts and products involved. 2. Identify types of equipment and labor needed to retrieve product from racking when necessary.	4	0	0
Robotics and Warehouse Operations Technology	1. Understand how companies use robotics and how to recognize when the value that these robotics offer outweighs the costs associated with procuring them.	4	0	0
Linkages to Broader ERP Systems	1. Explain how companies determine what Warehouse Management System to use and how they are used in different environments.	4	0	0
Types of Inventory Management Programs	1. Understand WMS systems and explain how inventory control is the basis of any successful warehouse or distribution environment.	4	0	0
Maintenance and Safety, Including OSHA Regulations	1. Understand the impact that safety has on the operation and how to mitigate potential hazards that could cause employees potential injury.	4	0	0
The Multiple Functions of Packaging	1. Identify the multiple types of packaging and the reasons for using each, including product protection and integrity, marketing, storage, and distribution cycle.	5	0	0
Career Opportunities Within Warehousing and Material Handling Functions	1. Identify careers which are available within the warehouse management material handling segment of the supply chain. Identify skills required to hold these roles.	4	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
45	0	0