

MGMT C172: WAREHOUSING OPERATIONS

Item	Value
Curriculum Committee Approval Date	10/01/2021
Top Code	051000 - Logistics and Materials Transportation
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

This course introduces warehousing operations including the processes, procedures, tools, and equipment within a warehouse facility. Effective and strategic warehousing operations enable an efficient, effective, and comprehensive supply chain. Key elements of this course include: an overview of warehousing, the role of warehousing in the supply chain, facility configuration, storage and handling techniques, performance metrics, customer service considerations, and safety concerns across various types of distribution facilities, including Occupational Health and Safety Administration (OSHA) guidelines. This course will explore the requirements for warehousing operations ranging from a simple, single storage facility to a total distribution or fulfillment network. This course prepares students to successfully pass the Warehousing Operations certification examination. Some of the content for this course was developed by the Leveraging, Integrating, Networking, Coordinating Supplies (LINCS) in Supply Chain Management Consortium. Credentials are awarded by the Council of Supply Chain Management Professionals (CSCMP). Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Explain the purpose of a warehouse.
2. Define the functions that occur in a warehouse.
3. Understand value-added operations in a warehouse.

Course Objectives

- 1. Explain the differences between a physical warehouse and warehouse operations.
- 2. Recognize the various types of warehouses.
- 3. Analyze value-added roles of warehouses.
- 4. Understand the detailed steps of receiving goods and materials.
- 5. Compare factors that favor fixed location systems and random location systems.
- 6. Interpret the key metrics used to measure picking, packing, and packaging performance.
- 7. Recognize activities to process customer orders for outbound shipments.

- 8. Describe the differences between a static warehouse and a distribution/fulfillment center.
- 9. Understand OSHA standards to protect employees from workplace hazards.

Lecture Content

Warehousing Operations Overview Warehousing Design and Functionality The Receiving Function Stocking and Restocking Picking, Packing, and Packaging Goods Shipment Inventory in the Warehouse Beyond the Basic Warehouse Working Environment and Jobs

Method(s) of Instruction

- Lecture (02)
- DE Online Lecture (02X)

Instructional Techniques

This course may be taught using multiple methods of support including classroom, video, audio, multi-media, and online strategies. Instructors utilize learning strategies, including lectures; cooperative learning groups; written homework assignments; self-paced independent study using textbooks, video lessons, audio segments, computer software, or online systems; demonstrations or discussions; presentations by students to software or online systems; presentations by students to the instructor or for class presentation; research projects; journals; and various types of assessment by quiz and exam, including open-ended, close-ended, multiple-choice, and essay.

Reading Assignments

Students may read assigned online content, textbooks, periodicals, and will participate in class discussions.

Writing Assignments

Written Critical Thinking assignments and/or projects.

Out-of-class Assignments

Students will be required to do research for homework and critical thinking writing assignments. Students may give individual or group presentations.

Demonstration of Critical Thinking

Midterm and Final Exam essay questions that evaluate students' ability to formulate arguments to plausible scenarios. A written (3-5 page) critical thinking analysis related to course material or as workbook supplements for students to analyze warehouse operations. Primary/secondary research, presentation, organization, and online data search/manipulation may be included.

Required Writing, Problem Solving, Skills Demonstration

Consists of representative problems from the course content or other sources. A written (3-5 page) critical thinking analysis related to course material or as workbook supplements for students to analyze warehouse operations. Primary/secondary research, presentation organization, and online data search/manipulation may be included.

Eligible Disciplines

Business: Master's degree in business, business management, business administration, accountancy, finance, marketing, or business education OR bachelor's degree in any of the above AND master's degree in economics, personnel management, public administration, or Juris

Doctorate (J.D.) or Legum Baccalaureus (LL.B.) degree OR bachelor's degree in economics with a business emphasis AND master's degree in personnel management, public administration, or J.D. or LL.B. degree OR the equivalent. Master's degree required. Business education: Master's degree in business, business administration, or business education OR bachelor's degree in any of the above AND master's degree in vocational education OR the equivalent. Master's degree required. Management: Master's degree in business administration, business management, business education, marketing, public administration, or finance OR bachelor's degree in any of the above AND master's degree in economics, accountancy, taxation, or law OR the equivalent. Master's degree required. Marketing: Master's degree in business administration, business management, business education, marketing, advertising, or finance OR bachelor's degree in any of the above AND master's degree in economics, accountancy, taxation, or law OR the equivalent. Master's degree required.

Textbooks Resources

1. Required LINCS in Supply Chain Management Consortium. Warehousing Operations Certification Track, Version: v2.28 ed. Miramar, FL: LINCS: Leveraging, Integrating, Networking, Coordinating Supplies, 2017

Other Resources

1. Coastline Library 2. Current business magazine and newspaper articles pertaining to project management.