

MGMT C171: SUPPLY CHAIN MANAGEMENT FUNDAMENTALS

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
Grading Policy	Standard Letter (S), • Pass/No Pass (B)

Course Description

This course introduces students to the many functions and roles within supply chain management. It provides an overview of the basics of supply chain management's role within organizations. Key elements of this course include the definition of supply chain and the various flows within the supply chain (i.e., customer service, manufacturing and service operations, order management, procurement, and supply management, demand planning, inventory management, warehousing operations, and transportation operations). It also includes an explanation of how the supply chain supports organizations' strategic and financial goals. This course prepares students to successfully pass the Supply Chain Management Principles 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. Discuss the processes and functions in a supply chain.
2. Describe the key supply chain processes and functions for a given industry.
3. Explain how supply chains must be integral to an organization's strategic goals.

Course Objectives

- 1. Discuss the functions in a supply chain
- 2. Categorize the different types of demand patterns
- 3. Describe the procurement process
- 4. Communicate the characteristics of a warehouse and a distribution center
- 5. In the context of inventory management, differentiate between fix and variable costs, and between direct and indirect costs
- 6. Explain the significance of manufacturing and service operations in the supply chain process

- 7. Identify the challenges in establishing efficient and effective transportation processes within industries
- 8. Determine which modes of transportation are more cost-effective in given situations and why
- 9. Explain the characteristics of successful e-commerce customer service

Lecture Content

Supply Chain Management: An Overview Demand Planning Overview Supply Management and Procurement Overview Warehousing Operations Overview Inventory Management Overview Manufacturing and Service Operations Overview Transportation Overview Customer Service Operations Overview

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; presentations by students to software or online systems; demonstrations or discussions; 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 supply chain operations and functions. 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 supply chain operations and functions. Primary/secondary research, presentation organization, and online data search/manipulation.

Eligible Disciplines

Business: Masters degree in business, business management, business administration, accountancy, finance, marketing, or business education OR bachelors degree in any of the above AND masters degree in economics, personnel management, public administration, or Juris Doctorate (J.D.) or Legum Baccalaureus (LL.B.) degree OR bachelors degree in economics with a business emphasis AND masters degree in personnel management, public administration, or J.D. or LL.B. degree OR the equivalent. Masters degree required. Management: Masters degree in business administration, business management, business education, marketing, public administration, or finance OR bachelors degree in any of the above AND masters degree in economics, accountancy, taxation, or law OR the equivalent. Masters degree required. Marketing: Masters degree in business administration, business management, business education, marketing, advertising, or finance OR bachelors degree in any of the above AND masters degree in economics, accountancy, taxation, or law OR the equivalent. Masters degree required. Retailing (purchasing, merchandising, sales): Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required LINCS in Supply Chain Management Consortium. Supply Chain Management Principles Certification Track, Version: v2.22 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.