

Bergen Community College
Division of Business, Arts, & Social Sciences

BUS-110 Transportation Logistics

Semester and year: Course and Section: Meeting Days/Times & Room: Instructor: Office Location: Office Hours: Phone: E-mail Address:

Course Description:

Logistics is a study of the basic concepts and processes in distributing goods and services within the supply chain management environment. The course covers trends in globalization, technology, and supply/demand planning. Specific topics include demand forecasting and collaborative planning, procurement and inventory fundamentals, transportation alternatives, warehousing logistics and the related activities of materials handling and packaging. It also addresses strategic and operational aspects of transport management, information systems architecture, E-commerce and third party logistics.

Student Learning Objectives:

Understand the critical role of logistics in supply chain management
Recognize the effect globalization and technology are having on the logistics industry and how logistics is playing a key role in helping drive improvements
Understand the relationships that play a role in logistics both within and external to an organization
Recognize the performance measurements that are utilized to determine the effectiveness of the logistics processes
Understand Demand Management along with the underlying techniques of EOQ, MRP, Inventory Planning, and Distribution
Understand the advantages and strengths of the various transportation options utilized in logistics
Understand the processes involved in order management and customer service
Understand the historical nature of how regulations have affected the past and future of logistics
Understand supply chain sourcing, operations, vendors and their respective roles

Course Content, Assessment, and Special Considerations.

Using Text, Online Video Support, Practice Quizzes, Discussion Forums, and Assessments, the student will be exposed to different techniques to master the critical concepts provided in the course. Students are expected to be proficient in using the computer and internet for research, writing reports, taking tests, and other related tasks.

Course Texts and/or Other Study Materials

Required Textbooks:

Supply Chain Management: A Logistics Perspective, 9th Edition
John J. Coyle | C. John Langley, Jr. | Robert A. Novack | Brian J. Gibson
ISBN-13: 9780538479189
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Writing, and Critical Thinking Requirement(s)

Students will provide written reports, assessments, and discussion forums to demonstrate knowledge of the key concepts involved in the course learning objectives.

Grading & Key Policies

Late Assignments: No work will be accepted after the due date. It is the responsibility of the student to make sure that time is managed so that all tasks are accomplished in a timely manner.

Missed Exams: Students will be afforded the opportunity to take a comprehensive makeup for one exam missed. No additional make-up exams will be given.

Class Policy: The outline will include a written statement regarding specific policy and explanation for online testing (if used), class behavior, attendance, and other important matters.

Typical Grade allocations: (refer to Professor for detailed explanations)

Examinations –	75%
Term Project–	15%
Class Participation –	<u>10</u>
Total –	100%

Please review the following in your Student Handbook:

- Code of Student Conduct
- Statement on plagiarism and/or academic dishonesty.
- Sexual Harassment statement.
- Statement on acceptable use of BCC technology.
- Statement on the purpose and value of faculty office hours.

Attendance Policy

BCC Attendance Policy:

All students are expected to attend punctually every scheduled meeting of each course in which they are registered. Attendance and lateness policies and sanctions are to be determined by the instructor for each section of each course. These will be established in writing on the individual course outline. Attendance will be kept by the instructor for administrative and counseling purposes.

Student and Faculty Support Services

Students should be encouraged to make full use of the Sidney Silverman Library (in person and online at <http://www.bergen.edu/library/>), the Tutoring Center (available in person in room L-125 and online at <http://www.bergen.edu/library/learning/tutor/>), the Writing Center (available in person room L-125 and online at <http://www.bergen.edu/library/learning/write/>). the Online Writing Lab at www.bergen.edu/owl/, the Smart thinking Tutorial Service at www.bergen.edu/library/learning/tutor/smart/index.asp the Distance Learning Office for online courses (by phone at 201-612-5581, available in person at room C-3 or email at psimms@bergen.edu)

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Course Outline and Calendar

Session	Topics: Suggested Plan based on 15 sessions at 3 hours
1	Logistics in the Supply Chain Overview
2	Global Dimensions and Trends in Logistics
3	Supply Chain Relationships: Internal and External to the Organization
4	Performance Measurements and Basic Financial Analysis
5	Technology and Management Information Systems
6	Demand Management: Forecasting, EOQ, and Scheduling Operations
7	Order Management & Customer Service
8	Managing Inventory and Distribution
9	Transportation Alternatives: Advantages and Weaknesses
10	Transportation Alternatives: Advantages and Weaknesses
11	Distribution: Managing Fulfillment Operations
12	Network Analysis and Design
13	Sourcing Materials and Services: Vendors, Suppliers,
14	Operations- Producing Goods and Services
15	Managing Reverse Flows in the Supply Chain

Students who require accommodations in accordance with the Americans with Disabilities Act (ADA) can request these services from the Office of Specialized Services. To learn more about how to apply for services, please visit them at: <http://www.bergen.edu/oss> .

Mar 2015