North Central State College

MASTER SYLLABUS
2019-2020

A. Academic Division: Business, Industry and Technology

B. Discipline: Business Administration

C. Course Number and Title: BUSM2090 Logistics

D. Course Coordinator: Lynn Jones
Assistant Dean: Toni Johnson, PhD

Instructor Information:

- Name: Click here to enter text.
- Office Location: Click here to enter text.
- Office Hours: Click here to enter text.
- Phone Number: Click here to enter text.
- E-Mail Address Click here to enter text.

E. Credit Hours: 3

F. Prerequisites: None

G. Syllabus Effective Date: Fall, 2019

H. Textbook(s) Title:

Contemporary Logistics

- Author: Murphy, Knemeyer
- Copyright Year 2017
- Edition: 12th
- ISBN #: 9780134520506 (eBook) or 9780134519258 (hardcopy)

I. Workbook(s) and/or Lab Manual: None

J. Course Description: This course explores the essential nature and strategic role of logistical operations for the American business enterprise. Included will be the design and control of the flow of goods, services, and personnel to its destination and management of the flow with the supply chain. Focus will include inventory, warehousing, packaging, environmental concerns, and transportation modes. Special attention will be given to the global and web-based context for logistical decision-making.

K. College-Wide Learning Outcomes

College-Wide Learning Outcomes	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Identify how the essential role of logistics applies in general to a successful economy and specifically to each successful firm in providing a multitude of "hidden" services from: product packaging to EDI tracking, bar coding, logistics channel selection, customer service, hazardous materials handling, mode of transpiration, warehousing, international documentation and successful inventory control	Graded class participation and discussion, In-class case analysis and written summaries and chapter examinations. [Knowledge based outcomes are assessed throughout weeks 5- 15 by chapter examinations.
2. Identify and analyze the common types and attributes of logistics equipment and storage systems used in the industry.	Written evaluation of homework assignments and chapter examinations [Weeks 2-15]
3. Prepare an organization and process chart for a supply chain linkage including both line and staff functions for both an industrial and service-oriented corporation.	Written evaluation of homework assignment. [Weeks5-10]
4. Create a warehouse layout and design pattern based on the principles and objectives of materials handling efficiency for ultimate customer service.	Written evaluation and examination. [Week 11- 15]
5. Create and submit a detailed case study of a modern American corporation elaborating on the techniques used to improve the operation of the inbound and outbound supply chain complete with estimates of cost efficiencies.	Class discussion, group assignment participation and research paper. [Week 13-15]

M. Topical Timeline (Subject to Change):

Major Topic Areas:

1. Supply Chain Management
   a. Understanding the "logistics pipeline" concept
   b. Impact on the firm and the marketing function
   c. Customer service as the arbiter of efficiency in distribution
2. Transportation System: Suppliers and Customers
   a. Carrier and mode selection
   b. Using inter-modal services
   c. Exploring private carriage options
   d. Contract rate negotiation
   e. Measuring cost efficiency
3. Space Planning, Tagging & Utilization
   a. Sizing the warehouse
   b. Storage requirements
   c. Stock location systems
   d. Locater address systems
4. Inventory Cycle Counting
   a. Purpose of inventories
   b. Inventory carrying cost
   c. Zoning & cross-docking
   d. Order picking
5. Equipment, Packaging & Scheduling
   a. Mobile equipment & storage racks
   b. Bar coding & identification

c. Staging & peak demand
6. Global Dimension
   a. Bonded warehousing
   b. Duty drawbacks
   c. Transit sheds, FTZ's, & U.S. Customs
7. Homeland Security Issues
   a. Safety & fire hazards
   b. Federal licensing & reporting
   c. HAZ MAT & C-T/PAT

N. Course Assignments:

1. Written mini-case studies in logistics
2. Research paper on a selected logistics company
3. Creation of a logistics flow-chart and floor-plan
4. Exams

O. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93–100	A	4.00	Superior
90–92	A-	3.67	Superior
87–89	B+	3.33	Above Average
83–86	B	3.00	Above Average
80–82	B-	2.67	Above Average
77–79	C+	2.33	Average
73–76	C	2.00	Average
70-72	C-	1.67	Below Average
67–69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Poor
00-59	F	0.00	Failure

P. Grading and Testing Guidelines:

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Q. Examination Policy:

Click here to enter text.

R. Class Attendance and Homework Make-Up Policy:

Click here to enter text.

S. Classroom Expectations:

Click here to enter text.

T. College Procedures/Policies:

Important information regarding College Procedures and Policies can be found on the syllabus supplement located at https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf

The information can also be found Choose an item.