

**THE OHIO STATE UNIVERSITY
FISHER COLLEGE OF BUSINESS**

**BUSML 4380
ADVANCED LOGISTICS MANAGEMENT**

Instructor: Dr. Xiang Wan
Office: Fisher Hall 524
E-Mail: wan.207@osu.edu
Office Hours: MWF 12:45 PM – 1:45 PM; by appointment as needed
Email is the best method of reaching me on days outside of office hours.

COURSE DESCRIPTION

Advanced Logistics Management is the second course in the logistics major sequence. This course is designed to give students a managerial knowledge of basic concepts and principles. These include core logistics functions, cost integration and operations within the supply chain. It also includes relationships with suppliers, customers and other firm functions. We will approach issues from a dual perspective of managing logistics to reduce cost and to create competitive advantage.

This course is intended as a complement to ML 3380, Introduction to Logistics. There may be some overlap and topics may not be covered in the same order as 3380. In general, 4380 will go more deeply into topics than 3380 to prepare future logisticians for follow-on courses, internships, and careers.

COURSE OBJECTIVES

The objectives of this course are to provide the students with: An understanding of the role of logistics in national and multinational business and government activity; An understanding of some of the individual components of logistics and their interrelationships within individual companies and within supply chains; An understanding of analytical tools and techniques useful in solving logistics problems; The analytical and problem-solving skills necessary to develop solutions for a variety of logistics problems; Knowledge about the professional opportunities in the field of logistics management.

COURSE MATERIALS

Contemporary Logistics; Paul Murphy and Michael Knemeyer; 11th edition, Prentice-Hall, ISBN 978-0-13-295346-7

Note: OSU bookstore provide the book. You can find used textbooks through various outlets such as <http://www.amazon.com>.

Ellram, Lisa, Stanley E. Fawcett, Thomas J. Goldsby, Christian Hofer, and Dale Rogers (2015), Logistics Management: Enhancing Competitiveness and Customer Value.

Note: Online Materials are available at <http://www.myeducator.com/s/1DeTiRC2801/>

In addition, **Carmen** will be used to post course materials, announcements, changes to the course outline. Please check Carmen on a regular basis to stay current with the course.

COURSE METHOD

Class meetings will be as interactive as possible. Everyone is expected to participate in class. Lectures will be designed to introduce or explain some of the principles being discussed. The teaching method will be a combination of lecture, class discussions on assigned topics, and some analysis/problems. Finally, examinations will provide a final feedback opportunity for each student to demonstrate their knowledge of the material.

GRADES

Grades will be made up of the following items:

Participation: It is strongly suggested that you plan to attend every class during the semester. Each student is responsible for taking class notes. **No special consideration will be given for work missed due to an unexcused absence(s).** If you must miss a class, it is your responsibility to gain an understanding of the material covered.

Full attendance does not necessarily mean earning all the points for participation. Your professional behavior and class participation/preparedness is also important. Each student is expected to conduct himself/herself in a professional manner as expected of business students, who are future participants of the business world. Disruptive, inappropriate, and/or unprofessional behavior will not be tolerated in any case.

Team Project: A key objective of this class is to provide students with the opportunity to interact with logistics concepts and to learn to communicate logistics issues. To that end, there will be one project that each student is required to complete during the semester.

Students will work together to organize themselves into teams of 4 to 5 individuals to complete the project. Students will be evaluated as a team, with each member receiving the same grade for the project. **Issues associated with group effort or dynamic should be brought to the attention of the instructor as soon as possible. Waiting until the last minute to address these issues inevitably results in an unsatisfactory outcome of most parties involved.**

The project will consist of a written report and an oral presentation of a logistics issue of interest to the team. The team members will select the topic to be presented. Typically, the logistics issue might concern an effort on the part of a company to improve its logistics functions. Teams are welcome to meet with the instructor to discuss ideas. A good place to start looking is in business magazines (e.g., Business Week, Fortune, Fast Company, etc.) or in the Wall Street Journal.

The written report will consist of a two (2) page brief that describes the situation, actions of the company, and results. The brief should be single-spaced in an 11-point font with one-inch margins all around and single line paragraph spacing. The instructor reserves the right to request editing for content, clarity, and length.

The oral presentation will consist of a 15-minute, in-class presentation. The focus of the presentation will be to brief the class on the logistics situation, corporate actions, and results discussed in the

written report. **A key evaluative criterion for the presentation will be the team's ability to communicate "so what" to the class.** Team members should expect to be asked questions during the presentation. The presentation should be summarized in a set of PowerPoint slides that will be shared with the class.

Examinations: There will be **two in-class** examinations to measure the mastery of material for content knowledge. All examinations will be closed book/closed note. Material presented in the book and lectures may be included.

<u>Grade components</u>	<u>Percentage</u>
Class Participation	10%
Team Project Written Report	15%
Team Project Presentation	15%
Exam1	30%
Exam2	30%
Total	100%

In determining the final course grade, the following scale is used to convert points into letter grades:

A = 93 - 100%	C = 73 - 76.99%
A- = 90 - 92.99%	C- = 70 - 72.99%
B+ = 87 - 89.99%	D+ = 67 - 69.99%
B = 83 - 86.99%	D = 60 - 66.99%
B- = 80 - 82.99%	E = 0 - 59.99%
C+ = 77 - 79.99%	

STUDENTS WITH DISABILITIES

Any student who feels she/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. In addition, you should contact the Office for Disability Services (ODS) at (614) 292-3307 or visit them at 150 Pomerene Hall. ODS will coordinate all accommodations for students with documented disabilities.

MAKE-UP EXAM POLICY

Exams may not be missed for the convenience of the student. The dates of the major exams are shown on the Course Schedule (the last page of this syllabus). It is expected that you will schedule your activities around these exam dates. If a major exam is missed due to an approved university absence, you must inform the instructor before the exam. Original documentation supporting your absence must be furnished to the professor. There will be no make-ups for missed exams without a university-approved excuse.

If your excuse is approved, you are allowed to take the exam on the date agreed by the professor and the student. **The format of the exam can be different from the exam given in class.** An exam, whether regularly scheduled or make-up, that is missed without an approved excuse will be assigned a grade of ZERO.

GENERAL

Students are STRONGLY encouraged to see the professor at the first sign of any problem or lack of understanding. Do not wait until it is too late!

Laptops should only be used to enhance the overall learning environment. Computer use and Internet network access during class time is not granted for the purpose of ‘surfing the Web’ or checking ‘e-mails.’ Internet access may not be permitted during certain class times except as specifically authorized by the professor.

ACADEMIC INTEGRITY

The Fisher College Honor Code and the University Academic Misconduct Policy are strictly enforced. Please familiarize yourself with both. A useful description of academic misconduct is available at: <http://oaa.osu.edu/coam.html>.

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct (<http://sja.osu.edu/page.asp?id=1>).

COURSE SCHEDULE

DATE	TOPICS	Contemporary Logistics	Logistics Management	GENERAL
Aug 24	Course Introduction			
Aug 26	Logistics Overview	Chapters 1, 5	Topics 1, 12	
Aug 29	Logistics Strategic Planning	Chapter 3	Topic 3	
Aug 31	Transportation	Chapters 12, 13	Topic 7	
Sep 02	Team Project: find your team			
Sep 05	Labor Day – No Class			
Sep 07	Career Fair			
Sep 09	Information Technology and Logistics	Chapter 2	Topics 13, 14	
Sep 12	Catch up and Review for Exam 1			
Sep 14	- **EXAM 1** -			
Sep 16	Team Project: find your topic			
Sep 19	Inventory Management	Chapter 8	Topics 8, 9	
Sep 21	Forecasting and The Bullwhip Effect	Chapter 7	Topic 6	Written report due
Sep 23	Procurement and Global Logistics	Chapters 6, 14	Topics 15, 16	
Sep 26	Team Project: Presentation Practice			
Sep 28	Exam 1 Solutions and Discussion			
Sep 30	Team Project Presentations			Presentation file due
Oct 03	Team Project Presentations			
Oct 05	Team Project Presentations			
Oct 07	Preparation for Exam 2			
Oct 10	Review for Exam2			
Oct 12	- **EXAM 2** -			