



## **COURSE SYLLABUS**

Course: **SPCM 4653 Transportation and Logistics Strategy**

Prerequisite: SPCM 3443 and SPCM 3613

### **Course Description:**

Design and management of transportation and logistics systems for firms of varying size and different supply and market conditions. This capstone course relies heavily on computer assisted cases and lectures from visiting transportation and logistics executives.

### **Course Objectives:**

To provide students with the ability to:

- (1) understand a variety of logistical functions;
- (2) identify specific logistical problems;
- (3) understand and apply a variety of solution procedures and analytic techniques to logistical problems;
- (4) analyze logistical problems and recommend solutions and/or courses of action;
- (5) make formal presentations of logistics problems and solutions.

### **Course Materials:**

Supply Chain Management: A Logistics Perspective (9e) Coyle/Langley/Novack/Gibson  
[www.cengagebrain.com](http://www.cengagebrain.com)

See textbook link in Blackboard.

### **Course Activities:**

Format: The format of the course will be lecture and case study discussion. *Students are strongly encouraged to take detailed lecture notes.* In addition, supporting materials will be made available on the course website on BlackBoard (<http://learn.uark.edu/>). Please note that a portion of the lectures will be in an online format, rather than in class. The lectures conducted in an online format will be announced.

### **Examinations:**

There will be four examinations. They will be given on the dates indicated below (see attached schedule). Further information on the exams will be provided later in the semester. A doctor's note is required if you have to miss an exam. Unexcused absences will result in a grade of 0 points (F). Please note that only one make-up exam will be given in this class. This exam will cover ALL the material covered throughout the semester. The format of the make-up exam will be similar to that of the other exams. No further study guides or information on the composition of this exam will be provided. Failure to take the make-up exam on the specified day and time (see attached schedule) will result in a grade of "F" (0 points) for the missed exam.

Written Case Studies: For each case study assigned, a written response for each case question is required. These responses must be typed, stapled and handed in at the beginning of the case study discussion class.

### **Reading Quizzes:**

There will be occasional quizzes posted online over the assigned reading material.

Class participation: Active participation in class is highly encouraged. Class participation grades will be based on your contributions during class discussions and your participation in case study discussion. *It is expected that all students attend all classes. Class attendance, thus, merely is a prerequisite to class participation.* Please carefully review the information about grading of class participation below.

<b>Grading:</b>	<b>Weight</b>
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final exam	30%
Written Case Studies	15%
Reading Quizzes	5%
Class participation:	5%

### **The grading scale is defined as follows:**

A = 90% and higher

B = 80% to 89%

C = 70% to 79%

D = 60 to 69%

F = less than 60%

### **Academic Dishonesty:**

“As a core part of its mission, the University of Arkansas provides students with the opportunity to further their educational goals through programs of study and research in an environment that promotes freedom of inquiry and academic responsibility. Accomplishing this mission is only possible when intellectual honesty and individual integrity prevail.”

“Each University of Arkansas student is required to be familiar with and abide by the University’s ‘Academic Integrity Policy’ which may be found at <http://provost.uark.edu/>. Students with questions about how these policies apply to a particular course or assignment should immediately contact their instructor.”

### **Inclement Weather:**

The University administration determines if classes are canceled due to inclement weather; I do not cancel class due to inclement weather. Therefore, you should rely on any announcement by the University administration with respect to class cancellation. The most current information regarding University closings is available from the University of Arkansas Weather Hotline (575-7000), which is updated by 6 a.m. on the day in question, and the University of Arkansas Home Page ([www.uark.edu](http://www.uark.edu)). Also, KUAF 91.3 FM, the University’s public radio station, is good source for receiving information about whether the University is closed and classes are cancelled. If the University remains open, no announcement will be made through radio and television stations off campus. Should we have bad weather during this semester, I expect you to use your best judgment regarding attending class.

### **Special Needs:**

Any student with special needs should bring this to the attention of the instructor as soon as possible, but no later than the second week of class. Special testing accommodations must be requested in writing from the instructor no later than two weeks prior to the test date.

### **Schedule:**

*This schedule is tentative and subject to change at the instructor's discretion. Any changes to this schedule will be announced in class and on BlackBoard.*

<b>Date</b>	<b>Topic</b>	<b>Reading</b>
21-Aug	Course Introduction	
	<b>Supply Chain Performance Measurement and Financial Analysis</b>	
23-Aug	Lecture: Ch. 5	Chapter 5
28-Aug	Lecture: Ch. 5	
30-Aug	Case Study: 5.1 & 5.2	pp. 175-176
	<b>Demand Management</b>	
4-Sep	Lecture: Ch. 7	Chapter 7
6-Sep	No Class - SCMRC Symposium	
11-Sep	Lecture: Ch. 7	
13-Sep	Case Study: 7.1 & 7.2	pp. 251-254
18-Sep	<i>Exam</i>	
	<b>Order Management and Customer Service</b>	
20-Sep	Lecture: Ch. 8	Chapter 8
25-Sep	Lecture: Ch. 8	
27-Sep	Case Study: 8.1 & 8.2	pp. 307-309
2-Oct	CRE Professional Panel Luncheon	
	<b>Managing Inventory in the Supply Chain</b>	
4-Oct	Lecture: Ch. 9	Chapter 9
9-Oct	Lecture: Ch. 9	
11-Oct	Case Study 9.1 & 9.2	pp. 380-381
16-Oct	<i>Exam</i>	
	<b>Transportation-Managing the Flow of the Supply Chain</b>	
18-Oct	Lecture: Ch. 10	Chapter 10
23-Oct	Lecture: Ch. 10	
25-Oct	Russ Aikman - ABF	
30-Oct	Case Study: 10.1 & 10.2	pp. 342-345
	<b>Distribution-Managing Fulfillment Operations</b>	
1-Nov	Lecture: Ch. 11	Chapter 11
6-Nov	Lecture: Ch. 11	
8-Nov	Case Study 11.1 & 11.2	pp. 495-498
13-Nov	<i>Exam</i>	
	<b>Supply Chain Network Analysis and Design</b>	
15-Nov	Lecture: Ch. 12	Chapter 12
20-Nov	Lecture: Ch. 12	
22-Nov	<i>Thanksgiving</i>	
27-Nov	Lecture: Ch. 12	
29-Nov	Case Study: 12.1 & 12.2	pp. 546-548
4-Dec	<b>Review</b>	
6-Dec	Make-up Exam	
11-Dec	<i>Final Exam (10:15-12:15)</i>	