

**University of North Texas at Dallas**  
**Spring 2013**  
**SYLLABUS**

<b>LSCM 4860D-090 ADVANCED LOGISTICS PROBLEMS 3 HRS</b>			
<b>Department of</b>	MGMT/Management	<b>Division of</b>	Division of Urban and Professional Studies
<b>Instructor Name:</b>	Khuzaima Haider		
<b>Email Address:</b>	Khuzaima.haider@gmail.com		
<b>Office Hours:</b>	Tuesday 7:00 pm to 10:00pm		
<b>Virtual Office Hours:</b>	<a href="mailto:Khuzaima.haider@gmail.com">Khuzaima.haider@gmail.com</a>		
<b>Classroom Location:</b>	DAL2 243		
<b>Class Meeting Days &amp; Times:</b>	Tuesday 7:00pm to 9:50pm		
<b>Course Catalog Description:</b>	Introduction to the topics and mathematical techniques for solving problems in the design, planning, and controlling of manufacturing and service operations and quality. Analysis of technological issues of business activities and a systematic study of managerial and mathematical techniques for making goods and services.		
<b>Prerequisites:</b>	LSCM 3960 Logistics and Supply Chain Management required		
<b>Co-requisites:</b>	LSCM 4560 Transportation may be taken concurrently.		
<b>Required Text:</b>	(C&M) Chopra, Sunil and Peter Meindl, <i>Supply Chain Management</i> , Fourth Edition, Pearson Education, Inc., Upper Saddle River, NJ, 2004.		
<b>Recommended Text and References:</b>	Additional readings may be assigned to various topics throughout the semester.		
<b>Access to Learning Resources:</b>	UNT Dallas Library: phone: (972) 780-3625; web: <a href="http://www.unt.edu/unt-dallas/library.htm">http://www.unt.edu/unt-dallas/library.htm</a> UNT Dallas Bookstore: phone: (972) 780-3652; e-mail: <a href="mailto:1012mgr@fhcg.follett.com">1012mgr@fhcg.follett.com</a>		
<b>Course Goals or Overview:</b>			
	The goal of this course is to develop critical thinking skills by solving applied problems. Academia often overlooks the fact that most business decisions require a quick turnaround. During each "turnaround" students will receive a problem requiring a quick response, often within two hours or less. The exercises are intended to help the student learn to separate the wheat from the chafe and resolve problems quickly in a completed staff work form.		
<b>Learning Objectives/Outcomes:</b>			
1	First, to help the student gain an exposure to the spectrum of Supply chain management and Logistics planning and decision-making activities.		
2	Second, to help the student to obtain insights into the basic trade-offs associated with Logistics decisions.		
3	Third, to introduce a variety of tools and techniques for helping Logistics		

**Course Outline**

*This schedule is subject to change by the instructor. Any changes to this schedule will be communicated by announcement in the blackboard.*

TOPICS	Day
Course Setup, Introduction, Objectives, & Grading Policies	1/15/2013
Chapter 1: Understanding the Supply Chain	
Chapter 3: Supply Chain Drivers and Metrics	1/22/2013
Chapter 4: Designing Distribution Networks and Applications to e-Business	1/29/2013
Chapter 5: Network Design in the Supply Chain	2/5/2013
<b>Exam 1</b>	2/12/2013
Chapter 7: Demand Forecasting in a Supply Chain	2/19/2013
Chapter 8: Aggregate Planning in a Supply Chain	2/26/2013
Chapter 9: Sales and Operations Planning: Planning Supply and Demand in a Supply Chain	3/5/2013
No Class – Spring Break	3/12/2013
Chapter 10: Managing Economies of Scale in a Supply Chain: Cycle inventory	3/19/2013
<b>Exam 2</b>	3/26/2013
Chapter 11: Managing Uncertainty in a Supply Chain: Safety Inventory	4/2/2013
Chapter 12: Determining the Optimal Level of Product Availability	4/9/2013
Chapter 13: Transportation in a Supply Chain	4/16/2013
Chapter 14: Sourcing Decisions in a Supply Chain	4/23/2013
Chapter 15: Pricing and Revenue Management in a Supply chain.	4/30/2013
<b>Final Exam</b>	5/7/2013

### Course Evaluation Methods

This course will utilize the following instruments to determine student grades and proficiency of the learning outcomes for the course.

**Exams** – written tests designed to measure knowledge of presented course material

**Homework Assignments** – 5 assignments 2 points each

### Grading Matrix:

Instrument	Value (points or percentages)	Total
Exam 1	30	30
Exam 2	30	30
Exam 3	30	30
Homework Assignments	10	10
Total:		100

### Grade Determination:

A = 100 – 90 pts; i.e. 90% or better

B = 90 – 80 pts; i.e. 80 – 89 %

C = 80 – 70 pts; i.e. 70 – 79 %

D = 70 – 60 pts; i.e. 60 – 69 %

F = 60 pts or below; i.e. less than 60%

### University Policies and Procedures

#### Students with Disabilities (ADA Compliance):

*The University of North Texas Dallas is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal*

legislation entitled Americans with Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.

As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels. For more information, you may visit the Student Life Office, Suite 200, Building 2 or call 972-780-3632.

The Department of BLANK is committed to full academic access for all qualified students, including those with disabilities. In keeping with this commitment and in order to facilitate equality of educational access, faculty members in the department will make reasonable accommodations for qualified students with a disability, such as appropriate adjustments to the classroom environment and the teaching, testing, or learning methodologies when doing so does not fundamentally alter the course.

If you have a disability, it is your responsibility to obtain verifying information from the Office of Student Life and to inform me of your need for an accommodation. Grades assigned before an accommodation is provided will not be changed. Information about how to obtain academic accommodations can be found in UNTD Policy 7.004, Disability Accommodations for Students, and by visiting Student Life, building 2, Suite 200. 972-780-3632, studentlife@unt.edu.

### **Student Evaluation of Teaching Effectiveness Policy:**

The Student Evaluation of Teaching Effectiveness (SETE) is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SETE to be an important part of your participation in this class.

### **Exam Policy:**

Exams should be taken as scheduled. No makeup examinations will be allowed except for documented emergencies (See Student Handbook).

### **Academic Integrity:**

Academic integrity is a hallmark of higher education. You are expected to abide by the University's code of Academic Integrity policy. Any person suspected of academic dishonesty (i.e., cheating or plagiarism) will be handled in accordance with the University's policies and procedures. Refer to the Student Code of Academic Integrity at <http://www.unt.edu/unt-dallas/policies/Chapter%2007%20Student%20Affairs,%20Education,%20and%20Funding/7.002%20Code%20of%20Academic%20Integrity.pdf> for complete provisions of this code.

In addition, all academic work submitted for this class, including exams, papers, and written assignments should include the following statement:

**On my honor, I have not given, nor received, nor witnessed any unauthorized assistance that violates the UNTD Academic Integrity Policy.**

### **Bad Weather Policy:**

On those days that present severe weather and driving conditions, a decision may be made to close the campus. In case of inclement weather, call UNT Dallas Campuses main voicemail number (972) 780-3600 or search postings on the campus website [www.unt.edu/dallas](http://www.unt.edu/dallas). Students are encouraged to update their Eagle Alert contact information, so they will receive this information automatically.

### **Attendance and Participation Policy:**

The University attendance policy is in effect for this course. Class attendance and participation is expected because the class is designed as a shared learning experience and because essential information not in the textbook will be discussed in class. The dynamic and intensive nature of this course makes it impossible for students to make-up or to receive credit for missed classes. Attendance and participation in all class meetings is essential to the integration of course material and your ability to demonstrate proficiency. Students are responsible to notify the instructor if they are missing class and for what reason. Students are also responsible to make up any work covered in class. It is recommended that each student coordinate with a student colleague to obtain a copy of the class notes, if they are absent.

### **Diversity/Tolerance Policy:**

Students are encouraged to contribute their perspectives and insights to class discussions. However, offensive & inappropriate language (swearing) and remarks offensive to others of particular nationalities, ethnic groups, sexual preferences, religious groups, genders, or other ascribed statuses will not be tolerated. Disruptions which violate the Code of Student Conduct will be referred to the Office of Student Life as the instructor deems appropriate.

### **Optional Policies:**

- Use of WebCT/Blackboard
- Use of Cell Phones & other Electronic Gadgets in the Classroom

- *Food & Drink in the Classroom*
- *Use of Laptops*
- *Grade of Incomplete, "I"*