MAN6619
International Logistics
Syllabus

Instructor:  Prof. Janice Carrillo
Office: 355E Stuzin Hall
Telephone: (352) 392-5858
E-mail: jc@ufl.edu

DESCRIPTION
The emphasis of the course is the operations and logistics function in firms that source, produce, distribute and market products. A major theme throughout the course is that sourcing, manufacturing and distribution are of primary importance in the formulation of business and corporate strategy. The techniques discussed can be utilized by small firms operating in domestic markets, or by large firms operating in multiple nations. By analyzing actual cases, problems and examples, the course will expose students to the critical issues of these domains.

REQUIRED MATERIALS
The course textbook is “Supply Chain Management: Strategy, Planning, and Operations,” by Chopra and Meindl. Also, a course pack will be distributed which contains numerous articles and cases that we will discuss in class.

CASES
We will analyze and discuss many cases during the course of the module. Each team is assigned two cases. The teams are expected to turn in an executive summary not exceeding 6 double-spaced pages for both of these cases. Problem calculations, computer outputs, exhibits, figures, etc. may be attached to support your analysis, but the essence of the solution must be contained in the six pages. Cases should be submitted online and late cases will not be accepted.

In addition, all students will turn in a group evaluation form at the end of the course. Those students who did not contribute adequately to the group projects will receive lower case and report grades.

EXAMS
Two exams will be given during the course. The first exam will be open book, open notes and will contain problems as well as qualitative questions. This exam will be limited in time to 2 hours. The second exam will be taken in class in a closed book, closed note format, and will contain both multiple choice and essay/short answer questions. Students may want to work in their groups during the course to prepare one page summaries of the articles and cases discussed in class.
**Quizzes**
Seven quizzes will be given during the course. Only the best 6 of 7 quizzes will count towards your grade. The quizzes are in an open book, open note format. But, some may have a time limit (for example, 30 minutes to complete the quiz.)

**REPORT**
Each group will turn in a 5-10 page report on the supply chain for a company. I prefer that you write the report on a company for where at least one of your group members is employed. The specific guidelines for the report will be posted on the course website. A preliminary proposal will be due midway during the course, and the final report will be due at the end of class.

**PERFORMANCE EVALUATION**
Final grades will be assigned using the following weights:

<table>
<thead>
<tr>
<th>Item</th>
<th>Percent of Final Grade:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>10% (Only the best 6 of 7 quizzes will count towards your grade)</td>
</tr>
<tr>
<td>Cases</td>
<td>20% (10% for each case)</td>
</tr>
<tr>
<td>Exam 1</td>
<td>25%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>25%</td>
</tr>
<tr>
<td>Report</td>
<td>20%</td>
</tr>
<tr>
<td>Total Points</td>
<td>100%</td>
</tr>
</tbody>
</table>

Overall letter grades will be assigned by curve. That is, the letter grade you receive will be determined by your ranking among all students in your class. Note that the average course GPA will be no higher than 3.5.

**ACADEMIC HONESTY**
For any academic class activity, students must follow the University of Florida Student Honor Code. Any violation of the honor code will automatically result in a grade of E (Fail) for this course and further sanctions that may include a suspension or expulsion from the University through the Dean of Students Office. All incidents will be reported to Student Conduct and Conflict Resolution at the University of Florida. In addition, students are expected to follow the guidelines established in the MBA Performance and Accountability document.
SCHEDULE (Please check the syllabus posted on the course website for the most current schedule)

Topic: Introduction to the Course
Lecture 0: Introduction to the Course

April 14-April 28

Topics:
Module 1: Introduction to Supply Chain
Lecture 1a: Supply Chain Overview
Lecture 1b: Supply Chain Difficulties
Lecture 1c: Cycle View of SC

Reading Assignment: “The Triple A Supply Chain”
Optional Reading: Chapters 1 in Chopra and Meindl

Quiz Module 1: Due April 28 at Midnight

April 29-May 12

Module 2: SC Strategy
Lecture 2a: Overview of SC Strategy
Lecture 2b: SC Strategy Push vs. Pull
Lecture 2c: Transportation Basics

Optional: Chapters 2 and 14 in Chopra and Meindl
Reading Assignment: Wal-Mart Case

Quiz Module 2: Due May 12 at Midnight
Case 1 (Crocs or Big Bazaar): Due May 12 at Midnight

May 13-May26

Module 3: Inventory Management with Certain Demand
Lecture 3a: Inventory Basics
Lecture 3b: Cycle Inventory Overview
Lecture 3c: Cycle Inventory Problems
Lecture 3d: Cycle Inventory Quantity Discounts
Lecture 3e: Cycle Inventory Example All Unit Quantity Discount

Reading Assignment: Chapter 11 in Chopra and Meindl

Practice Problems: Chapter 11: Problems 1, 2, 10, 12
Quiz Module 3: Due May 26 at Midnight

May 27-June 9

Module 4: Inventory Management with Uncertain Demand
Lecture 4a: Safety Stock Basics
Lecture 4b: Safety Stock Problems 1
Lecture 4c: Safety Stock Problems 2
Lecture 4d: Inventory Aggregation
Lecture 4e: Example Calculating SS Given Fill Rate

Reading Assignment: Chapter 12 in Chopra and Meindl

Practice Problems: Chapter 12: Problems 1, 5, 6, 15

Quiz Module 4: Due June 9 at Midnight

June 10- June 22

Exam 1: Due Saturday, June 22 at Midnight

June 23: Root Beer Game Simulation

Root Beer Game Online Simulation at 3:00 pm EST on Sunday, June 23

Further instructions will be sent via the announcements.

June 24-July 7

Module 5: Sourcing
Lecture 5a: Overview of Strategic Sourcing
Lecture 5b: To source or not to source?
Lecture 5c: Purchasing Basics
Lecture 5d: Procurement Cycle
Lecture 5e: Reverse Auctions

Reading Assignment: “It’s OK to Move Down the Value Chain” By Staats and Upton
Reading Assignment: “Reinventing the Supplier Negotiation Process at Motorola” by Metty et al.
Reading Assignment: “How to Negotiate with Powerful Suppliers” by Paranikas et al.

Optional Reading: Chapter 15 in Chopra and Meindl

Quiz Module 5: Due July 7 at Midnight
Proposal for Supply Chain Report: Due July 7 at Midnight
July 8-July 21

Module 6: SC Information
Lecture 6a: Bullwhip Effect 1
Lecture 6b: Bullwhip Effect 2
Lecture 6c: SC Transparency
Lecture 6d: Blockchain
Lecture 6e: New Supply Chain Technologies

Reading Assignment: “Whose, Where and How of Inventory Control Design” by Lee and Whang
Reading Assignment: “The Transparent Supply Chain”

Reading Assignment: Blockchain Case: A New Solution for Supply Integrity
Optional Reading: Chapter 10 in Chopra and Meindl

Quiz Module 6: Due July 21 at Midnight

July 22-August 4

Module 7: Online Sales and SCM
Lecture 7a: SC Online Sales Concepts
Lecture 7b: SC Online Sales Strategies and Examples

Reading Assignment: “Reducing the Risk of Supply Chain Disruption” by Chopra and Sodhi

Module 8: Sustainable Supply Chains
Lecture 8a: Green Supply Chains 1
Lecture 8b: Green Supply Chains 2

Reading Assignment: The Greening of Wal-Mart Revisited
Reading Assignment: How Green is My Orange?
Optional Reading: Chapter 17 in Chopra and Meindl

Case 2 (Identigen or Ashmark): Due August 4 at Midnight
Quiz Modules 7 and 8: Due August 4 at Midnight

August 5-August 17

Due: Supply Chain Report on August 11 at Midnight

Due: Group Evaluation on August 12 at Midnight
Exam 2: August 17 in class