

**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 grad. 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:

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

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-May 26**

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