Course Overview:
This course provides a comprehensive framework on managing global supply chains. Students learn supply chain strategies and the global impacts on the strategies. This course addresses global supply chain networks, demand management and production planning, global sourcing, stakeholder collaborations, supply chain inventory management, logistics and channel management, drivers and metrics, and supply chain analytics. Cases and readings drawn from real-world situations are used to discuss each of these issues.

Learning Objectives:
MBA students will graduate with:
• A solid foundation in theoretical concepts and managerial skills needed to lead business organizations.
• The ability to analyze environments in which managers make and implement business decisions.
• The skills to formulate, communicate, and coordinate strategies to solve business problems and pursue opportunities.

MIS753 contributes to these goals through its student learning outcomes. After taking this class, students should be able to:
• Apply appropriate supply chain strategies to achieve organizational competitive advantages.
• Assess global macro trends’ impacts on operations and supply chains.
• Assess global sourcing strategy and decisions.
• Develop supply chain inventory management strategies and tactics.
• Develop supply chain logistics and networks.
• Perform supply chain analytics.
• Facilitate collaborations with supply chain stakeholders.
• Evaluate supply chain drivers and metrics.
• Identify supply chain risks and develop mitigation strategies.
• Elaborate sustainability and social responsibility issues related to global supply chains.
• Communicate complex supply chain analyses in a professional manner.

Office Hours: Tuesdays 18:40-19:10, Thursdays 10:45-11:45, or by appointment at SSE 3433

Materials:
3. Additional articles and materials on Blackboard
4. Excel files downloadable from www.pearsonhighered.com/chopra

References:
Grading Policy:

- Case Study: 25%
- Research Paper: 25%
- Examination: 35%
- Class Contributions: 15%

I. Case Study:
One case is assigned to two teams. The teams shall work independently. Both teams need to turn in a case report (1.5 line spacing, four pages of writing, excluding tables, graphs, and appendices). Provide names, Red IDs, and a 250-word executive summary on the cover page. The report shall analyze the key issues, propose alternative solutions, discuss the pros and cons of each alternative, and then make recommendations. The rationale of your recommendations must consider capabilities of the organization and the business environment at the time of the case. A list of suggested discussion questions is posted on Blackboard. These questions can be used as the starting point to analyze each case. The team shall conduct further analyses.

The presenting team also needs to make a formal presentation (15 minutes, no more than 10 slides) in class and respond to questions. Each member of the team shall have equal “air time” for presentation and Q&A. All case files must be submitted via Blackboard one hour before the start of the class that your case is assigned. A hard copy of the report shall be submitted in class. Please note one submission per team only.

The discussing team will initiate 5–10 minutes Q&A after the presentation. Then the rest of the class join the discussion. Every student shall prepare for all cases and actively participate in case discussion. Students may be called to ask or answer questions related to the case. Total discussion time is about 20 minutes.

*Please note that each team member shall make equal contributions in case study. For the presenting team, the case score is 15% teamwork evaluation, 35% oral presentation, and 50% case report. For the discussing team, the case score is 40% teamwork evaluation and 60% case report. Free rider will not receive credit.*

II. Research Paper:
Each student shall write a research paper following APA in-text citation and reference format. Details are posted on Blackboard. The research paper score is 30% on presentation and 70% on report. An APA documentation style guide is posted on Blackboard.

III. Examination:
The exam is open book and open notes. Laptop can be used with some restrictions. Internet connection is not allowed during the exam. Details will be provided in class.

IV. Class Contributions:
This class’s success depends on the active and effective participation of the students. *You shall commit to the 4Ps—Preparation, Presence, Promptness, and Participation.* Below are the expectations to ensure the success of the class. This seminar class is not lecture based. Students shall finish reading book chapters and cases/articles before attending each class. We will discuss the managerial applications and do some in-class exercises before conducting the case study to tie the managerial framework and theory together.

I expect students to attend each class to its full length. Student who misses a significant part of the class will be considered absent. Arriving late or leaving early in the middle of the class will cause disturbance. Similarly side conversations with each other during class, use of cell phone, browsing online, and checking email are distracting to other students and to the professor. *As a good citizen of the class, such behaviors shall be discouraged.* Absence due to illness/grave circumstances can be excused only if proper documentation is submitted. I require advanced notification (in person or by email/phone) of all absences. *If you are absent, it is your responsibility to get course materials from other students and catch up with the class.*

The quality of your contributions is more important than the quantity. I accept self and peer nominations of contributors in each class meeting. Criteria used to determine class contribution score include:

- Is the participant a good listener?
- Is there a willingness to help others in the solution process?
• Are the comments made relevant to the class discussion?
• Are the comments linked to the remarks of others?
• Do the comments show clear evidence of appropriate and insightful analysis of the case data or the issues?
• Is there a willingness to test new ideas or apply new theory?
• Is there a willingness to lead a challenging analytical exercise?
• Do comments clarify and highlight important aspects of earlier comments and lead to a clearer statement of the concepts being covered?
• Does the participant enhance class learning by applying materials to a real world situation in a meaningful and innovative way?

ACADEMIC HONESTY POLICY

Any academic misconduct will be handled according to the judicial procedures. Executive Order 969, issued by the Office of the Chancellor, requires all instructors to report any incident of academic dishonesty to the Center of Student Rights and Responsibilities and you will be contacted. The SDSU Standards for Student Conduct (http://studentaffairs.sdsu.edu/srr/conduct1.html) includes the following unacceptable misconduct: cheating, fraud, plagiarism, or other forms of academic dishonesty that are intended to gain unfair academic advantages. If it happens twice during your time at SDSU, you could be expelled. In addition, the College of Business Administration may remove the student on the first offense from a business major for such activities. The penalty for any form of academic dishonesty is an F in MIS753.

For team assignments, each team member should contribute equally and is expected to be good citizen, respecting each other. The honor code stipulates that you may not put your name on a write-up unless you have made good contributions to the team. You shall not refer to case write-ups or project reports from classes offered in earlier semester or from other courses. Furthermore, all course materials are for your use in this class only. It is a violation of the student conduct policy or share with others outside of the class for now and in the future. The premise of academic integrity is that ideas should be attributed to their source. Therefore, please acknowledge the main source(s) of data, facts, and ideas (other than the instructor) in all your written work and when you make a presentation.

The SDSU definition of plagiarism (in section 2.2 (page 17) of the SDSU policy file) is stated as follows: “Plagiarism shall be defined as the act of incorporating ideas, words, or specific substance of another, whether purchased, borrowed, or otherwise obtained, and submitting same to the university as one’s own work to fulfill academic requirements without giving credit to the appropriate source. Plagiarism shall include but not be limited to (a) submitting work, either in part or in whole, completed by another; (b) omitting footnotes for ideas, statements, facts, or conclusions that belong to another; (c) omitting quotation marks when quoting directly from another, whether it be a paragraph, sentence, or part thereof; (d) close and lengthy paraphrasing of the writings of another; (e) submitting another person’s artistic works, such as musical compositions, photographs, paintings, drawings, or sculptures; and (f) submitting as one’s own work papers purchased from research companies.”

CLASS SCHEDULE, READING, AND ASSIGNMENT

Please note:
1. Every effort is made to adhere to the schedule of topics, but changes may also be inevitable. I reserve the right to change course requirements to optimize student’s learning experience. Please keep up with any changes announced in class or on Blackboard.
2. Materials that use supply chain analytics are indicated by an asterisk (*). All in-class exercises are from Chopra and Meindl’s textbook. We will apply analytical models and use Excel to find answers. Please bring your laptop for the in-class exercise sessions.
3. Spreadsheets for numerical examples discussed in Chopra and Meindl’s textbook can be downloaded from the publisher’s web site: www.pearsonhighered.com/chopra.
4. If you need to refresh knowledge on Normal distribution, please go to Khan Academy https://www.khanacademy.org/math/probability/statistics-inferential/normal_distribution/v/introduction-to-the-normal-distribution
5. Homework solutions are posted on Blackboard.
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<tr>
<th>Date</th>
<th>Topic and Reading</th>
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| 8/26     | Introduction: Syllabus 
Supply Chain Overview & Strategy: CM Ch1, 2                         | Discussion: Ch1: 1,5,6  
Ch2: 8,9  |
| 9/2      | Supply Chain Drivers and Metrics: CM Ch3                                      | Discussion: Ch3: 8,9,10  
In-class Exercise:  
Ch3: WalMart (CM pp. 66-67)  
Article 1: Europe’s Solution Factories (Bb)  
Case 1: Seven-Eleven Japan (CM pp. 60-66) |
| 9/9      | Distribution Networks: CM Ch4 
Global Supply Chain Networks: CM Ch6 (skip 155-161)                          | Discussion: Ch4: 4,5,9  
Ch6: 1,5,6,7  
In-class Exercise:  
Ch6: Forever Young (CM pp.176-177)  
Homework: Ch6: 1,2  
Article 2: From Superstorms to Factory Fires (Bb) |
| 9/16     | Network Design: CM Ch5 (skip pp. 130-131)                                     | In-class Exercise: Ch5: 3 (CM pp.134-136)  
Homework: Ch5: 1,2  |
| 9/23     | Network Design (cont’d)                                                        | Discussion: Ch5: 2,3,5,7  
Case 2: Applechem (Reader) |
| 9/30     | Supply Chain Coordination: CM Ch10                                            | Discussion: Ch10: 1-8  
Case 3: Adani Argi Logistics Limited (Reader) |
| 10/7     | Managing Cycle Inventory: CM Ch11 (skip pp.286-293; 300-307)                   | Discussion: Ch11: 1,4,7,8  
In-class Exercise:  
Ch11: 9,11(a & b only),12  
Homework: Ch11: 1,2,3,7  |
| 10/14    | Managing Safety Stock: CM Ch12                                                | In-class Exercise: Ch12: 3,10,11  
Homework: Ch12: 1,2,4,6,12,13  |
| 10/21    | Managing Safety Stock (cont’d)                                                | Discussion: Ch12: 1-4,6,10,12  
Case 4: HP Deakjet (Reader) |
| 10/28    | Managing Product Availability: CM Ch13                                        | In-class Exercise: Ch13: 6,7,13,  
Homework: Ch13: 1,3,4,12  |
| 11/4     | Managing Product Availability (cont’d)                                        | Discussion: Ch13: 1,2,4,5,7  
Case 5: Sport Obermeyer (Reader) |
| 11/11    | Veterans’ Day (no class)                                                      |                                                                            |
| 11/18    | Strategic Sourcing: CM Ch15 (skip pp. 444-454) 
Supply Chain Sustainability: CM Ch18                                      | Discussion: Ch15: 1,7,8  
Ch18: 1-4  
Case 6: Han Solar (Reader) |
| 11/25    | Research paper working session                                                |                                                                            |
| 12/2     | Term Paper and Presentation Due Date                                          |                                                                            |
| 12/9     | Examination                                                                   |                                                                            |