

**MEM 414**  
**Supply Chain Management**  
**Winter 2015**

**Course Meetings:** Thursdays, 6:30-9:30

**Prerequisites**

MEM 407 is a prerequisite for this class, or permission of the instructor for students with sufficient quantitative background.

**Text**

Simchi-Levi, Kaminsky and Simchi-Levi, Designing and Managing the Supply Chain, Irwin McGraw Hill, 3<sup>rd</sup> edition, 2008

**Tentative Course Syllabus:**

Week 1: Introduction to Supply Chain Planning

Week 2: Inventory Management I

Week 3: Inventory Management II

Week 4: Supply Contracts

Week 5: Supply Chain Integration

Week 6: Supply Chain and Product Design

Week 7: Network Design and Facility Location

Week 8: Risk Mitigation and Flexibility

Week 9: Distribution Strategies

Week 10: Final Exam

**Grading** Course grades will be based on the following:

Homework: 55%

Class Discussion: 15%

Final Exam: 30%

**Homework** will not be accepted late unless by prior arrangement, and only in extreme circumstances. Assignments will be posted and accepted electronically.

Each student must submit his or her own solutions. You may discuss the problems with other students—in fact, you are encouraged to do so—but the solution you create must be your own. For example, you should not sit together and discuss your solutions as you are writing them down or completing them, and you should not copy another student's work. Homework submissions that are similar or identical risk being disregarded entirely, or submitted as a violation of academic integrity.

Homework should be legible and organized. If it can't be read, it can't be graded. It is your responsibility to compare your work with the posted solutions and understand any discrepancies. You must show your work to receive credit.

**Class Discussion** points are yours to lose. I will begin the course assuming that every student has earned full marks. Failing to engage in class discussions—this includes but is not limited to sleeping, texting, internet surfing, emailing or having extensive side conversations—will result in a loss of Class Discussion points.

Learning happens best—and is the most fun—when it is collaborative, thus class participation is highly valued. Participation is about more than simply being present or answering every question. Good participation means fostering the learning of everyone in the course.

**Email:** Every effort will be made to respond to questions within 24 hours. Please use "IEMS 486" in the subject line. The more specific your question, the more helpful the answer can be. Questions like "How do I do problem xyz?" are difficult to address. If you have questions about a homework problem, then discuss how you are approaching the problem or what you are thinking about. If you have no idea how to begin a problem, discuss how it is similar to or different from other problems done in class and what aspects of the problem are giving you the most difficulty. This will help me get to the heart of your struggle.

**Re-grades:** If you feel that an error has been made in grading one of your assignments you may request a re-grade. You must submit the original graded assignment, along with a written statement outlining the potential error, within one week of the assignment being returned (and this time limit will be strictly adhered to). Understand that such assignments are subject to a re-grade in their entirety, so a re-grade may result in a lower score than the original. Be sure of the error before asking for a re-grade.

**Students with Disabilities:** Any student with a documented disability needing accommodations is requested to speak directly to the Office of Services for Students with

Disabilities (SSD; 847-467-5530) and to the instructor as early as possible in the quarter (preferably within the first two weeks of class). All discussions will remain confidential.

**Academic Integrity:** Any violation of the Academic Integrity Policy will be reported immediately.

**Classroom Wireless Policy:** Because of our emphasis on discussion and collaborative learning, this class will often utilize a “no wireless” policy. When class activities require the use of software, I will ask you to use your laptops. When we are not using software, I will ask you to darken all screens.

**NOTICE OF VIDEO AND AUDIO RECORDING:** Students in this course may be subject to periodic audio and video recording. Such recordings will potentially be used by Northwestern University in the future and made available through various means, including web pages, to both students and advisors in the program. By registering for the course, you are consenting to such recording and consenting to having the materials made available for academic and marketing purposes.