

**Consortium MBA Program
MBA Supply Chain Management
Course Syllabus & Outline
December 2014**

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Required Materials: Supply Chain Management: Strategy, Planning and Operation, by
S. Chopra and P. Meindl, Prentice-Hall, fifth edition, 2013, Global
Edition

Course packet (notes and cases)

About the Course:

In this course, we will analyze many of the major issues in the design, operation, and management of a supply chain. In general, supply chain management is the management of all flows between and among the various stages of a supply chain so as to maximize “added value”, (e.g. profitability in the private sector) of the supply chain. Thus, this course will deal with issues such as logistics, inventory management, supply chain design, revenue management, and sourcing in a global environment. All managers, regardless of their functional specialization, need a broad-based understanding of the strategic role that supply chain management plays in their organization.

Supply chain issues will be discussed in the context of the entire organization. The first part of the course deals with the role of the supply chain in the organization and how that function is rapidly changing over time. In particular we will deal with strategic issues associated with appropriate supply chain design. We will then address issues in the design of production/service systems, and the design of systems to accommodate effective movement of materials. Issues such as sourcing, transportation, inventory, supplier and customer partnering, and global logistics will then be addressed.

Readings and assignments will be from the text, as well as other sources. Cases and readings are included in the course packet (CP), along with powerpoint slides and practice problems. Some of the material is also posted on the course ICON site. To guide your reading and analysis of the cases, pay particular attention to the case questions. Case questions are included as a part of all of the cases except the World Co. case. For this case, a page of questions is included in the course packet.

Session 2 (Sunday, December 7, 2014)

QUIZ #1

1. Facilities Planning

Readings: "Facility Location," D. Chhajed, R. Francis, and T. Lowe,
Encyclopedia of Operations research and Management Science,
2001, p 283-85. (CP)

Sections 4.1, 4.2, and 5.1-5.3; also skim section 5.4 but don't dwell on the EXCEL models.

2. Production / Distribution Planning

Case: Global Chem Inc. (CP)

3. Inventory Management – part 1

Reading: Sections 11.1-11.2, and section 11.3 through Example 11-2. of text

4. Exercises - Problem Set 2 (CP).

Session 3 (Wednesday, December 10, 2014)

QUIZ #2

1. Inventory Management – part 2

Reading: Sections 12.1 and 12.2 through example 12-4 of text

Reading: Safety Stock Notes (CP)

2. Case Discussion

Case: Hong Kong Medical Supplies (CP)

3. How Much to Stock

Reading: Chapter 13 through Example 13-1 of text

4. Exercises - Problem Set 3 (CP)

PLEASE NOTE: If you have a disability that may require some modification of seating, testing, or any other class requirement, please let me know as soon as possible so that appropriate arrangements can be made. Similarly if you have any emergency medical information about which I should know, or if you need special arrangements in the event the building must be evacuated, please let me know.

The Tippie College of Business and the University of Iowa are committed to providing students with an environment free from sexual harassment. If you feel that you are being or have been harassed or you are not sure what constitutes sexual harassment, we encourage you to visit the University website, <http://www.sexualharassment.uiowa.edu/index.php>, and to seek assistance from department chairs, the Dean's Office, the University Ombuds Office, or the Office of Equal Opportunity and Diversity.

Student concerns regarding this course should first be discussed with me. If we can't resolve the complaint, you may contact the DEO of the Management Sciences Department at (319) 335 0858.