

IDS 552 Fall 2012 Supply Chain Management

Prof. James K. Ho <http://www.uic.edu/~jimho> e-mail: jimho@uic.edu

Section # 27838 T 1800– 2030 120 TH Blackboard Site: ids552.fall.2012

Office: UH 2407 Hours: T 4:00 – 5:00 R 1:00 – 2:00 (other hours by appointment)

Scope:

Within the framework of forces that shape competitive strategies, we learn the critical role of good supply chain design, planning, and operations for businesses in the global economy. The key drivers of supply chain performance: facilities, inventory, transportation, information, sourcing, and pricing are studied on both a conceptual and practical level. While analytic methodologies are introduced, the emphasis is on identifying their effectiveness in the context of competitive forces in a given business environment.

Required text:

Sunil Chopra & Peter Meindl, "Supply Chain Management: Strategy, Planning, and Operation" 3rd ed, Pearson/Prentice Hall, 2007. ISBN-13: 9780131730427

Required reference:

Michael E. Porter, "The Five Competitive Forces That Shape Strategy", *Harvard Business Review*, January 1, 2008. [available online in UIC library system]

Format:

Lectures, seminars, discussions.

Students work in teams (of 3) on seminar assignments and a term project.

Evaluation:

Seminars: 30%

Term Project: 30%

Tests: 2 x 20% [must average 17/20 on tests for A]

Schedule (tentative):

8/28 Introduction
9/4 Competitive Forces
9/11 Classification of Industries
9/18 A Simulator of Global SCM
9/25 Strategic Framework for Supply Chains
10/2 Network Designs
10/9 Forecasting: Time Series Methods
10/16 Supply and Demand
10/23 Forecasting: Adaptive Methods
10/30 Aggregate Planning
11/6 Managing Supply and Demand
11/13 Managing Economies of Scale
11/20 Advanced Topics
11/27 Integrative Project
12/4 Cont'd