

Course Last Updated 3/26/2024



Managing Global Supply Chains

Section I: Course Overview

Course Code: SCM365SYD

Subject Area(s): Supply Chain Management

Prerequisites: Prior to enrollment, this course requires you to have completed either one 200-level course or two 100-level courses in any of the following subject areas: Business, Management, or (Services) Marketing.

Language of Instruction: English

Total Contact Hours: 45

Credits: 3

Course Description

The focus of this course is on key issues within operations that are of relevance to a firm's ability to remain competitive in a global economy. Examples of companies collaborating across the globe are used in the teaching and learning of SCM and professional contributions are reported by top managers working in SC management positions in important EU companies. Students focus mainly on the operational and tactical aspects of managing the network of multiple facilities, but we will also investigate their strategic implications. Factors such as legal, ethical, operational, venture risk, and reliability are considered in addition to specialized topics in supply chain management within a global environment.

Learning Objectives

Upon successful completion of this course, students are able to:

- Explain why Global Supply Chain Management is key to company success
- Define possible new scenarios for European production sites and Supply Chains
- Explain the impacts of Globalization in social organization and immigration flow in Europe

Section II: Instructor & Course Details

Instructor Details

Name: TBC

Contact Information: TBC

Term: TBC

Course Day and Time: TBC

Office Hours: By appointment

Grading & Assessment

The instructor assesses students' mastery of course learning objectives by using the forms of assessment below. Each of these assessments is weighted toward the final grade. The Assessment Overview section provides further details for each.

Short Essay on first two lessons - 5%

Home Group Exercise (First Half) -10%

Visit/field trip - 5%

Engagement (First Half) - 10%

Mid-term Exam- 20%

Home Group Exercise (Second Half) - 10%

Business Game - 10%

Engagement (Second Half) - 10%

Final Exam - 20%

Assessment Overview

This section provides a brief description of each form of assessment listed above. Forms of assessment may be slightly modified in the term syllabus.

Engagement (20% - 10% per half term): Students are expected to be engaged in class, and to have read the [CEA CAPA Engagement Policy](#) and the [Class Engagement Rubric](#) that outlines how engagement will be graded.

Visit/Field Trip (5%): the visit to an important Third Party Logistics company is an important part of our study program. The Field Trip is obligatory and no makes-up are admitted.

Short Essay on First Two Lessons (5%): essay of max 300 word about the arguments discussed in Class. This is for understanding the level of the attention of the students.

Home group Exercise (Two Presentations 10% Each): Students work in small groups of 2 to 3 students. Students are proposed some topics/case on which every group must prepare a PPT to be shown and discuss. The argument is assigned 2 weeks in advance.

Business Game (10% at the end of the lessons): in-class game to be played in group.

Mid-Term and Final Exam (20% Each): Students take two exams during the semester. Both exams consist of short questions and an open conversation portion.

Active Learning

Experiential learning is an essential component of education abroad, and participation in field studies is a required part of coursework. In this course, students explore the city in which they are studying using a variety of methods. This provides the opportunity to gain nuance and perspective on the host context and course content, as well as to collect information and resources for assigned papers, projects, and presentations.

- Field study to logistics center
- Interactive city walking tour.

Readings and Resources

The below readings and resources are representative of what will be assigned as required in this course, but may vary slightly in the term syllabus.

All students are given access to the online library of the University of New Haven (UNH), accessible [here](#), and are expected to comply with [UNH Policies](#) regarding library usage.

Wherever possible, required readings are made accessible through the online library or Canvas. Students are responsible for obtaining all required readings.

Each course utilizes Canvas as its LMS. Students are expected to check Canvas regularly for updates and deadlines. Canvas is also the primary platform for contacting your instructor in case of questions or concerns about the course.

Required

Chopra, S., *Supply Chain Management* (7th Edition), London, Pearson, 2019

Roberta Russel, R. and Taylor B., *Operations & Supply Chain Management* (10th Edition), Hoboken NJ: Wiley, 2019

Course Calendar

Session 1	
Topics	Introduction to the Course: let's meet the group and the professor What is a Supply Chain Is Supply Chain concept something modern? The Efficiency and the Rubber Band Understanding the Supply Chain An Overview of The Supply Chain
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none">• Chopra, ch. 1: Understanding the Supply Chain

Session 2	
Topics	Supply Chain Performance: achieving Strategic Fit and Scope Meaning of Responsiveness
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> • Chopra, ch. 1: Understanding the Supply Chain • Chopra, ch. 2: Supply Chain performance: achieving strategic fit and scope. • Chopra, ch. 3: Supply Chain Drivers and Metrics <p>Working groups are formed Short Essay on first three lessons assigned</p>

Session 3	
Topics	Effectiveness approaches Supply Chain Drivers and Metrics
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> • Chopra, ch. 2: Supply Chain performance: achieving strategic fit and scope.

Session 4	
Topics	Designing distribution networks Distribution for Online-Sales
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> • Chopra, ch. 4: Designing distribution networks and applications to online sales • Chopra, ch. 5: Network design in the Supply Chain (5.1 – 5.2) • Chopra, ch. 6: Designing Global Supply Chain Networks (6.1- 6.2 – 6.3 – 6.7)

Session 5	
Visit to the third-party logistics company Kostelia	

Session 6	
Topics	The importance of Quality in a Supply Chain Quality Management System Quality Tool Preparation of Mid-term Exam
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> • Russel & Taylor, ch. 2

Session 7	
Mid-term Exam	

Session 8	
Topics	Sales and Operation Planning: managing supply and demand
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> • Chopra, ch. 9: Sales and Operation Planning • Chopra, ch. 10: Coordination in a Supply Chain

Session 9	
Topics	The importance of coordination in a Supply Chain
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> Chopra, ch. 10: Coordination in a Supply Chain

Session 10	
Topics	The importance of the inventory to manage uncertainty of the demand and production risks. Inventory management behaves for MTS and MTO; Cycle Inventory; Safety inventory The optimal level of product availability
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> Chopra, ch. 11: Managing economies of scale in a Supply Chain Chopra, ch. 12: Managing Uncertainty in a Supply Chain Chopra, ch. 13: Determining the Optimal level of product (13.1 - 13.2 - 13.4 - 13.5) Home Group second Half Exercise assigned

Session 11	
Topics	Sourcing decisions: inshore and offshore Capacity and Facility design: Product Layout and Process Layout The speed factory
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> Russel & Taylor, ch. 7 Chopra, ch. 18: Sustainability and the Supply Chain

Session 12	
Topics	The third pillar of the Supply Chain: Sustainability Meeting with a Guest Speaker (TBD)
Activity	Lecture and Discussion
Readings & Assignments	<ul style="list-style-type: none"> Chopra, ch. 18: Sustainability and the Supply Chain

Session 13	
Topics	Supply Chain examples (case studies) The Business game: examples
Activity	Lecture and Discussion
Readings & Assignments	Examples and exercitations

Session 14	
Home Group Second Half Exercise presentation	
The Business Game	
Final Exam Review	

Session 15	
Final Exam	

Section III: Academic Policies and Standards

Academic Policies

Students are expected to review and understand all CEA CAPA student policies, including our [Academic Policies](#) and [Engagement Policy](#). CEA CAPA reserves the right to change, update, revise, or amend existing policies and/or procedures at any time. Additional requirements that may be associated with a specific course or program are addressed in the term syllabus.

Student Learning & Development Objectives

CEA CAPA has identified [Student Learning and Development Objectives \(SLDOs\)](#) for all programs in all locations: content in context, navigating differences, power and equity, critical thinking and intellectual curiosity, career and professional development, and sustainability and migration. These are meta-level learning objectives that transcend coursework and are infused across all elements of program delivery, beyond specifics of course offerings, addressing student learning holistically and framing it a larger learning context.