

Course Profile

Department of Management / International Logistics Management Program

Course Number: MAN 455	Course Title: Supply Chain Strategies
Required / Elective: Elective	Pre / Co-requisites: -
Catalog Description: Objective and scope of supply management, supply structure and organization, acquisition process variables; quality, quantity, time, price, supply sources. Strategy formulation, implementation and management processes in the area of logistics and supply chain management with a strategic management perspective.	Textbook / Required Material: Supply Network Strategies, 2nd Edition, Lars-Erik Gadde (Chalmers University Of Technology), Hakan Hakansson (Norwegian School Of Management), Goran Persson (BI Norwegian School of Management) , ISBN: 978-0-470-51854-0, August 2010.
Course Structure / Schedule: (3+0+0) 3 / 6 ECTS	
<p>Extended Description:</p> <p>The goal of this course is to understand how supply chain design and planning decisions impact the performance of the firm as well as the entire supply chain. The key will be to understand the link between supply chain structures and logistical capabilities in a firm or supply chain. The course focuses on effective supply chain strategies for companies that operate globally, with an emphasis on how to plan and integrate supply chain components into a coordinated system. Students are exposed to concepts and models important in supply chain planning with emphasis on key tradeoffs and phenomena. The course introduces and utilizes key tactics such as risk pooling and inventory placement, integrated planning and collaboration, and information sharing.</p>	
Design content: None	Computer usage: None
<p>Course Outcomes:</p> <p>By the end of this course, students will be able to:</p> <ol style="list-style-type: none"> 1. Understand how supply chain strategy can provide a competitive advantage for organizations. 2. Recognize supply chain approaches to support products in different phases of their lifecycle. 3. Analyze the balance between customer satisfaction level and inventory management policies. 4. Integrate the role of manufacturing capabilities in pursuit of supply chain objectives. 5. Criticize supplier and distributor capabilities within value generating business processes. 6. Design lean supply chains with the appropriate levels of risk 7. Apply information systems to support collaboration and visibility of supply chains. 	
<p>Recommended reading:</p> <ul style="list-style-type: none"> - Transportation: A Supply Chain Perspective, John J. Coyle, Robert A. Novak ,Brian Gibson, Edward J. Bardi, Publisher: South-Western College Pub; 7 edition (March 4, 2010), Language: English, ISBN-10: 032478919X, ISBN-13: 978-0324789195 	
Teaching methods: Lectures, Group Project, Case studies, midterm and final exam	
Assessment methods:	

Group project : %20

Case studies : %10

Midterm exam : %30

Final exam : %40

Student Workload/ECTS (European Credit Transfer System) Tableau:

Activity:	Number:	Duration (hour):	Total Workload (hour):
Pre- reading	14	3	42
Lectures	14	3	42
Group project	1	18	18
Case studies	4	4	16
Midterm	1	15	15
Final Examination	1	17	17

TOTAL: 150 hours / 25 = 6 ECTS

Prepared by: Staff

Revision Date: 21.06.2012