



UNIVERSIDAD
esan

Syllabus

Global Supply Chain Management

August – December 2018

Term VII

Lecturers:

**Fernando Casafranca
Milton Álvarez**

I. General data about the course

Title	: Global Supply Chain Management	Code	: 00758
Requisite	: Comercio Internacional	Semester	: 2018 – II
Credits	: 03	Term	: VII
Hours	: 4 weekly hours		

II. Summary

This course explores the key issues associated with the design and management of Global Supply Chains (GSC). GSC are concerned with the efficient integration of Global suppliers, factories, warehouses and stores so that products are distributed to customers in the right quantity and at the right time. One of the primary objectives of SC management is to minimize the total supply chain cost subject to various service requirements.

This course requires the student to assess the role of the organization in a Supply Chain and the evolution into a Global Supply Chain and how to allocate resources to optimize the organization's role and performance in a Global Supply Chain. Topics include conducting an extensive review of the principles of Supply Chain, then evolving into the foundations of Global Supply Chain Management(GSCM), Optimization of the GSCM Efficiency and Global Supply Chain Redesign.

III. Course Objectives

The objective of Global Supply Chain Management is to develop the following competencies where the student will be capable of:

- Analyze the components of the supply chain.
- Explain the multiple roles of stakeholders in the supply chain
- Identify domestic and global best practices in supply chain management.
- Assess existing supply chain management practices.
- Evaluate supply chain operating efficiency.
- Evaluate the effect of inventory errors on company profits.
- Identify opportunities for improving operating efficiency.
- Develop a plan that aligns capacity with demand.
- Design a supply chain justified by a cost-benefit analysis.
- Develop metrics to assess the redesign of the supply chain process.

IV. Learning Outcomes

Competence

Implements, and leads the integration of the supply chain, contributing to the achievement of strategic business objectives.

Capacity

Identify the elements of a Global supply chain and the roll and interaction of the organization within the global context.

Efficiently applies concepts and management tools for making decision in the organization.

Proposes models and strategies for effective integration of the logistics network, akin to improve the competitiveness of the company.

Develops and evaluates logistics projects and develops indicators of control, considering its impact on the organization

Aptitude(s)

- Integrity (ethics)
- Ecology and conservation
- Leadership
- Innovation and entrepreneurship.

V. Methodology

During the development of the Global Supply Chain Management, course sessions are scheduled for presentation and discussion of theoretical aspects with the evaluation of practical tools.

Learning Teams Activities

ESAN students are expected to work effectively in diverse groups and teams to achieve tasks. They must collaborate and function well in team settings as both leaders and followers. They should respect human diversity and behave in a tolerant manner toward colleagues and peers.

Several of the assignments in this class will be completed in Learning Teams of three to five students. If you experience difficulties working with your team, you are expected to resolve them within the team if possible. However, please feel free to contact me for guidance if you have concerns in this area.

Learning Teams should provide a brief summary of any communication held outside the classroom. If you have any questions, please contact me.

VI. Evaluation and Grading

The evaluation system is comprehensive and continuous; it is subdivided as follows: Permanent evaluation (50%), mid-term exam (25%) and final exam (25%).

The permanent evaluation is broken down into the following:

PERMANENT EVALUATION (PEP) 50 %		
Type of evaluation	Description	Weight
Case Studies	Three case studies	10 %
Course Project	Preliminary Report	10 %
	Final Report	10 %
	Presentation	20%

The final grade will be determined based on the following formula:

$$FG = (0,25 \times ME) + (0,50 \times PE) + (0,25 \times FE)$$

Where:

FG = Final Grade

ME = Midterm Exam

PE = Permanent Evaluation

FE = Final Exam

VII. Detailed Program

WEEK	Contents	Activities / Evaluation
1° Aug. 20th - 25th	<ul style="list-style-type: none"> Class logistics, Team assignments, case studies and grading Supply Chain Basics Logistics and SCM 	Class Discussion and participation
2° Aug. 27th - Sep. 1st	<ul style="list-style-type: none"> Strategic Analysis and Planning of SCM The Supply Chain Performance and its Strategic Fit Introduction to Global Supply Chain Management GSCM 	Class Discussion and participation
3° Sep. 03rd - 08th	<ul style="list-style-type: none"> IT and processes to support the supply chain The four drivers of Supply Chain Management Supply chain logistics and new trends. 	Class Discussion and participation
4° Sep. 10th - 15th	<ul style="list-style-type: none"> Demand Forecast. Supply and Demand in GSCM 	Class Discussion and participation
5° Sep. 17th - 22th	<ul style="list-style-type: none"> Balanced Supply in GSCM Balanced Supply tools 	Class Discussion and participation Case Study # 1
6° Sep. 24th - 29th	<ul style="list-style-type: none"> Warehouse and Inventory Management Stakeholders in Supply Chain Roles of Stakeholders in the Global supply chain 	Class Discussion and participation
7° Oct. 01rd - 06th	<ul style="list-style-type: none"> Students Presentations 	Class Discussion and participation Presentations
8° Oct. 08th - 13th	MIDTERM EXAM	
9° Oct. 15th - 20th	<ul style="list-style-type: none"> GSCM efficiency optimization Global Supply Chain efficiency Best management practices in GSCM 	Class Discussion and participation
10° Oct. 22th - 27th	<ul style="list-style-type: none"> Evaluate the effect of inventory errors on company profits Identify opportunities for improving operating efficiency. 	Class Discussion and participation Case study # 2
11° Oct. 29th - Nov. 03rd	<ul style="list-style-type: none"> Identify the impact of finance to changes in the supply chain Best management practices in GSCM 	Class Discussion and participation

WEEK	Contents	Activities / Evaluation
12° <i>Nov. 05th - 10th</i>	<ul style="list-style-type: none"> Evaluate supply chain operating efficiency Analyze ethical practices among supply chain stakeholders. 	Class Discussion and participation
13° <i>Nov. 12th - 17th</i>	<ul style="list-style-type: none"> Supply Chain Re-design, Reverse Supply Chain Management Global Supply Chain re-engineering 	Class Discussion and participation Case study # 3
14° <i>Nov. 19th - 24th</i>	Students final presentations	Class Discussion and participation
15° <i>Nov. 26th - Dec. 01th</i>	<ul style="list-style-type: none"> The SCOR model Global Issues in the Supply Chain Transportation in the Supply Chain Logistics in Global Supply Chain 	Class Discussion and participation
16° <i>Dec. 03th - 08th</i>	FINAL EXAM	

VIII. Bibliography

Bibliografía obligatoria

- World Class Supply Chain Management, seventh edition**, David N Burt; published by McGraw Inc.
- Supply Chain Management: Strategy, Planning and Operation**. By Sunil Chopra and Peter Meindl. Fourth edition published by Prentice-Hall, Inc.

Bibliografía complementaria

Textbooks for other Supply Chain Management cores:

- Logística Administración de la Cadena de Suministro –Quinta Edición**
Ronald H. Ballou, Pearson Prentice Hall
- Introduction to the Supply Chain Management USA**. Prentice-Hall, Inc
- Designing and Managing the Supply Chain**. Simchi-Levi and Kaminsky
- Matching supply with demand**. By Gérard Cachon and Christian Terwiesch. 1. edition published by McGraw-Hill, 2006..
- International Business: competing in the Global Market Place**, fifth edition
Charles WL Hill, Publisher the McGraw Hill Inc.

Supplementary books reading:

Very similar to our textbook but more qualitative:

- **Como mejorar la Supply Chain, Joseph Riverola, Ediciones Deusto, 2004**
- **La reducción del Tiempo en la Supply Chain, Joseph Riverola, Ediciones Deusto, 2004**
- **Global and Transnational Business: Strategy & Management, second edition, George Stonehouse, Publisher John Wiley & Sons Ltd.**
- **Business Logistics Management. By Ronald H. Ballou. Published by Prentice-Hall, Inc., 1998.**
- **Inventory Management and Production Planning and Scheduling. By Edward Silver, David Pyke & Rein Peterson. 3. edition published by John Wiley & Sons, 1998.**

PLEASE NOTE: Internet searches will often take you to non-academic information resources such as Wikipedia.com, Ask.com, Encarta.msn.com, Infoplease.com, etc. You may supplement your research with these sources, but keep in mind that the information you find there may not be accurate, since it does not come under a formal oversight or peer-review process.

While you may use and cite non-academic resources such as Wikipedia when working on assignments, you may not rely on them exclusively. The majority of your sources should be peer-reviewed academic journals. Further, remember that you are responsible for the accuracy of any facts you present in your assignments and therefore should confirm the veracity of information you find on non-academic sources through further research.

IX. Laboratory

No need for Lab use in this class

X. Professors

Fernando Casafranca Aguilr
email: fcasafranca@esan.edu.pe

Milton Álvarez Diaz
email: malvarez@esan.edu.pe