

## FICHA TÉCNICA DE LA ASIGNATURA

Datos de la asignatura	
Subject name	Gestión de la Cadena de Suministro / Supply Chain Management
Subject code	E000011753
Quarter	Semestral
Credits	6,0 ECTS
Type	Optativa (Grado)
Department	Departamento de Gestión Empresarial
Coordinator	Manuel Francisco Morales Contreras

Datos del profesorado	
Teacher	
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## DATOS ESPECÍFICOS DE LA ASIGNATURA

Contextualización de la asignatura
<b>Aportación al perfil profesional de la titulación</b>
The course develops the knowledge and understanding of the more important elements of supply chain management in a global context. Concepts about logistics functions, manufacturing and physical distribution together with concepts related to supply chain strategies , considering the opportunities and threats derived from the international dimension of operations.
<b>Prerequisitos</b>
Operations Management course

## Competencias - Objetivos

## BLOQUES TEMÁTICOS Y CONTENIDOS

Contenidos – Bloques Temáticos
Lesson 1: The supply chain strategy
1.1 Definition of supply chains
1.2 Evolution and trends.
Lesson 2: Inventory management
2.1 Types of inventories

2.2 Inventory costs  
2.3 Inventory models  
2.4 Technology applied to inventories.

Lesson 3: Strategic sourcing.

3.1 Purchasing Management  
3.2 Supplier Management  
3.3 Total cost of ownership  
3.3 Global sourcing strategies

Lesson 4: Demand Management

4.1 Demand forecast models

Lesson 5: Transportation planning systems

5.1 Logistics transport systems  
5.2 Movement of materials  
5.3 Technology applied to transport systems

Lesson 6: Location decisions

6.1 Outsourcing  
6.2 Strategic alliances  
6.3 Offshoring, Reshoring and Nearshoring

Lesson 7: Supply chain management

7.1 The bullwhip effect  
7.2 Global sourcing  
7.3 Corporate social responsibility in the supply chain  
7.4 E-commerce

## **METODOLOGÍA DOCENTE**

### **Aspectos metodológicos generales de la asignatura**

The course follows a practical approach, focused on the student, to promote his / her autonomy and active participation during the learning process with the aim of helping him / her to develop the necessary competences for his/her professional life. The following activities will be developed in order to develop the concepts and competences above mentioned:

In class methodology:

1. Master Classes where the professor will present the main contents in a clear, structured and motivating manner, in general supported with multimedia resources. Main aspects will be outlined to support the student learning process, as well as suggestions from students are encouraged and considered.
2. Practice classes. Where the professor explains the basic notions, with the students participations who discuss and debate some of the points or nuances in order to optimize the contents comprehension. It will include dynamic presentations and regulated or spontaneous participation of students through diverse activities.
3. Analysis and resolution of cases proposed by the professor, after a short reading, material prepared on purpose or any other data or



information where students could apply the acquired knowledge. In general, cases will be based on real situations and problems. Teamwork will be encouraged.

4. Search for documentation and data on Web. The main goal is that students can identify real applications of the lessons explained in class.

5. Public presentations of specific issues or cases. Presentation and defense of cases in front of the class and professor. It could be done individually or in teams. Aspects to be considered during evaluation: conceptual organization, knowledge of the related topic, clear exposition, respect and coherence in all phases, and, in case of a collective assignment, active collaboration of all team members.

Out of class methodology:

1. Individual study and exploring in more detail on the documentation that the student will do to comprehend, rework and assimilate the scientific content with the goal of a practical application. Individual reading of texts and materials (books, reviews, articles, press releases, Internet documents, cases, etc.) related with the course. All materials and guides are available on the course website.

2. Academic Tutorial individual or in groups in order to solve problems or doubts that could have arisen during the learning process.

## RESUMEN HORAS DE TRABAJO DEL ALUMNO

SUMMARY OF WORKED HOURS BY STUDENT			
IN CLASS HOURS			
Master Classes	Practise Classes	Academic Activities	Exams
33 hours	20 hours	4 hours	3 hours
OUT OF CLASS HOURS			
Individual work over theoretical contents	Individual work over practical contents	Teamwork	Study
15 hours	15 hours	30 hours	30 hours
CREDITS ECTS: 6			6 * 25 = 150

## EVALUACIÓN Y CRITERIOS DE CALIFICACIÓN

EVALUATION ACTIVITIES	CRITERIA	WEIGHT
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<p><b>Final Exam</b></p> <p>a. Exam Theory = 50%</p> <p>b. Exam Cases and Exercises = 50%</p>	<p>Capabilities:</p> <p>Comprehension, Exposition Reasoning</p> <p>Relational,</p>	<p><b>50%</b></p>
<p><b>Active Participation</b> in class</p> <p><b>Attitude</b> on individual work</p>	<p>Participation</p> <p>Proactivity.</p>	<p><b>10%</b></p>
<p><b>Group project:</b> practice applications of competences</p>	<p>Teamwork and practice application of theory.</p>	<p><b>20%</b></p>
<p><b>Control Tests</b></p>	<p>Classes follow up. Concept understanding</p>	<p>20%</p>

Final Exam minimum qualification required= 4.00 points (from a max. of 10.00).

Students failing the ordinary exam will have the opportunity of an extraordinary exam, whose grade will consist on:

- a. Exam Theory = 50%
- b. Exam Cases and Exercises = 50%

In this case, the course grade will be this exam grade.

Extraordinary Exam minimum qualification required= 5.00 points (from a max. of 10.00).

## BIBLIOGRAFÍA Y RECURSOS

### Bibliografía Básica

Leporati, M; Martul, L; Morales-Contreras, M.(2020). "Global supply chain: An integrative view". Thompson Reuters Aranzadi. ISBN 978-84-1345-903-5

HEIZER, J. & RENDER, B. Operations Management: Sustainability and Supply Chain Management, 13th Edition

### Bibliografía Complementaria

KRAJEWSKI & RITZMAN: Operations Management: Processes and Supply Chains, 12th Edition