



## PRESENTATION

### Brief description:

This course examines the main activities involved in the supply chain, necessary for the production or provision of a service, and involving the movement of materials, both within and outside the company. Theoretical concepts will be complemented by practical case studies and simulators in which students will face real-life business situations.

- **Grade:** International Degree of Management, Global Management and Law Double Degree
- **"Módulo"/"Materia"** : 7. Optativa / 7.1. Optativa General
- **ECTS:** 6
- **Course, semester:** 3rd, 4th, 5th, 6th - First semester
- **Subject:** Elective
- **Professor:** José A. Alfaro & Anna Dulcka
- **Language:** English
- **Timetable:** Monday, 8:00am - Room 05 Amigos Building; Friday 8:00am Room 04 Amigos Building

## LEARNING OUTCOMES (Competencies)

### BASIC COMPETENCIES

BC2. Students must know how to apply their knowledge to their work or vocation in a professional way and must have the competences that are usually demonstrated by means of preparing and defending arguments and solving problems within their area of study.

BC3. Students must have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific and ethical topics.

BC4: Students must be able to transmit information, ideas, problems and solutions to specialized and general audiences.

BC5: Students must develop the learning skills required to undertake subsequent studies with a high level of independence.

### General Competencies (Management)

GC2. To identify, integrate and use the knowledge acquired to argue, discuss and solve relevant problems in economics and/or business.

GC4. To use independent critical reasoning on relevant topics in economics and business.

GC5. To communicate results and analysis either orally or in writing that are useful to economics and business.

GC6. To be familiar with the different contexts in which their work is carried out: the circumstances, markets and historical, legal or human context.

GC7. To analyse the process of defining and implementing goals and/or strategies in the company.

GC8. To develop expectations, describe scenarios and make estimates using relevant information for the company.



## **PROGRAM**

### **TOPIC 1. Introduction to Logistics.**

Origins of Logistics and its evolution to what it is today.

### **TOPIC 2: Supply chain management.**

This topic defines and analyzes the supply chain. It is also about the influence of the different characteristics of the Product on it.

### **TOPIC 3: Production Planning.**

This topic analyzes the different stages in production planning and their direct impact on Logistics.

### **TOPIC 4: Supply/Distribution Logistics.**

This topic discusses in detail the different strategies and concepts relevant to Procurement /Distribution.

### **TOPIC 5: Freight Transport.**

This topic looks at the characteristics and challenges faced by different modes of transport.

### **TOPIC 6: Outsourcing Logistics**

This topic gives a complete overview of the strategic decision of outsourcing logistic activities

### **TOPIC 7: Inventory Management**

Are inventories necessary? Turnover Index. Coverage Index. Inventory management systems.

### **TOPIC 8: Reverse logistics.**

Every beginning has its end What happens at the end of the product's life? Main decisions in reverse chain management.

## **TEACHING ACTIVITIES**

### **Face-to-face activities: 50 hours.**

#### **1. Lectures: 40 hours**

In these classes, the most relevant aspects of the topics included in the program are explained. The content of the classes will be provided in advance at ADI, and it is recommended that students attend the classes having previously read this documentation.

#### **2. Case resolution: 6 hours**

Case analysis for the resolution and analysis of real companies, where their logistics decisions and strategies are analyzed.

#### **3. Visits and sessions with experts: 4 hours.**

They will help us to learn about real experiences and professional opportunities in the field of logistics.



**Non-face-to-face activities: 95 hours.**

1. **Tutorials: 1 hour (individual or group)**

2. **Individual work: 94 hours.**

**Evaluation: 5 hours.**

## **ASSESSMENT**

### **ORDINARY CALL - DECEMBER**

**Exams: 50%**

There will be a midterm exam in October. If, at least, 5/10 is obtained, the student will be able to release that part of the final exam.

**Turnout: 30%**

Participation in classes and activities, and comments on the current news about Logistics

**Group work: 20%**

During the first classes of the course, possible topics will be proposed so that the students, in groups of 3 or 4 depending on the number of students enrolled in the subject, will choose the topic of their work.

The works will be exhibited (approximately 15 minutes per group) from the first week of November.

### **IMPORTANT:**

If the first partial the average grade of this with the second must be at least 4, in order to pass the subject.

Students who take the exam in December of the entire subject must obtain a minimum of 4 to pass the subject.

### **EXTRAORDINARY CALL - JUNE**

Final exam: 70%

This exam will be on the total content, and you will have to get at least 4 to pass the subject.

The grade obtained in Participation and in Work during the course (30%) will be maintained, as long as they have been completed. Otherwise, the final grade of the subject will coincide with the mark of the exam of the extraordinary call.

## **OFFICE HOURS**

- Professor José A. Alfaro (jalfaro@unav.es) and Anna Dulska (adulska@unav.es)
- Office hour: Available at the beginning of the course

## **BIBLIOGRAPHY AND RESOURCES**

Handbooks, piece of news and materials from Harvard Business School Publishing.



**Textbook:**

Baisya, Rajat (2024), *Supply Chain and Logistics Management*. New York: Routledge.

**Further reading:**

Bowersox, Donald J., Closs, David J., and Cooper, M. Bixby (2010) *Supply chain logistics management*. 3rd ed., International ed. New York: McGraw-Hill Higher Education.

Branch, Alan E. (2006) *Export practice and management*. 5th ed. London: Thomson Learning.

Burt, David N., Dobler, Donald W., and Starling, Stephen L. (2003) *World class supply management: the key to supply chain management*. 7th ed., International ed. Boston [Mass.]: McGraw-Hill/Irwin.

Christopher, Martin and Christopher, Martin (2011) *Logistics & supply chain management*. 4th ed. Harlow: Financial Times Prentice Hall.

Christopher, Martin, Christopher, Martin, and MyiLibrary (2011) *Logistics & supply chain management* [electronic resource]. 4th ed. Harlow: Financial Times Prentice Hall. Available at: <http://www.myilibrary.com?id=298351>.

Flynn, S. (2002) 'America the Vulnerable', *Foreign affairs*, 81(1).

Gourdin, Kent N. (2006) *Global logistics management: a competitive advantage for the 21st century*. 2nd ed. Oxford: Blackwell.

Grainger, A. (2000) 'Customs and international supply-chain issues', *Logistics & transport focus the journal of the Institute of Logistics and Transport*, 2(9). Available at: [http://tradefacilitation.co.uk/publications/AGrainger\\_custscm\(2000\).pdf](http://tradefacilitation.co.uk/publications/AGrainger_custscm(2000).pdf).

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Jacobs, F. Robert, Chase, Richard B., and Lummus, Rhonda R. (2011) *Operations and supply chain management*. 13th ed., global ed. with global cases and alternate problems. London: McGraw-Hill/Irwin.

Liker & Choi (2004) 'Building deep supplier relationships', *Harvard business review*, 82(12).

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Slack, Nigel, Chambers, Stuart, and Johnston, Robert (2010) *Operations management*. 6th ed. Harlow: Financial Times Prentice Hall.



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*wal mart case study* (no date). Available at: <http://www.slideshare.net/lampinkcrystal/wal-mart-ppt-final>.

Womack, J. P. & Jones, D. T. (1994) 'From lean production to the lean enterprise', *Harvard business review*, 72(2).

Wood, Donald F. (2002) *International logistics*. 2nd ed. New York: AMACOM Books.

Wood, Donald F. and ebrary, Inc (2002) *International logistics* [electronic resource]. 2nd ed. New York, N.Y.: AMACOM Books. Available at: <http://site.ebrary.com/lib/uon/Doc?id=10120187>.