SUPPLY CHAIN MANAGEMENT

DEGREE: Bachelor in Business Administration/
DEGREE COURSE YEAR: ☐ First ☐ Second ☐ Third ☒ Fourth
SEMESTER: 1º SEMESTER 2º SEMESTER
CATEGORY: ☐ BASIC ☒ COMPULSORY ☐ OPTIONAL
NO. OF CREDITS (ECTS): ☐ 6 ☐ 3
LANGUAGE: ☒ English ☐ Spanish

PREREQUISITES: PRODUCTION & OPERATIONS MANAGEMENT

Students are expected to have completed an introductory course on Operations Management. They should be familiar with basic concepts of Inventory Management and Control, Global Sourcing, and Lean Manufacturing. The Supply Chain Management course will build on these concepts while introducing the student to new frameworks and tools in SCM.

1- SUBJECT DESCRIPTION

Supply Chain Management (SCM) is the business function that deals with the production and flow of information and material within and across organizations. It covers different areas such as controlling inventory, finding the most efficient transportation solution, determining an effective sourcing strategy, applying Lean concepts to Supply Chain, and Sustainability, among others. This course will help students understand various aspects of a Supply Chain. It will demonstrate how successful companies run their Supply Chain, the risks inherent in an SCM, and the competitive edge that an innovative SCM can provide. This course will also introduce a few frameworks and tools to help the future professional make better decisions related to running a Supply Chain.

A well-managed Supply Chain will not only help a firm produce more effectively, it can also provide a sustainable competitive edge. Any student who expects to work with a producing firm, either as an employee, an external consultant, a customer or a supplier, will therefore benefit from a deeper understanding of the issues and opportunities inherent in a Supply Chain.

2- OBJECTIVES AND SKILLS

During this course, students will do the following:

- Understand how the various entities of a Supply Chain affect the production and delivery of goods
- Learn models and tools that will help them make better decisions
- Study how companies have used Supply Chain to get a competitive edge

3- METHODOLOGY AND WEIGHTING

Students will be evaluated using the following criteria:
<table>
<thead>
<tr>
<th>Teaching Methodology</th>
<th>Weighting</th>
<th>Estimated time a student should dedicate to prepare for and participate in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lectures</td>
<td>(30)%</td>
<td>22.5 hours</td>
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<tr>
<td>Discussions</td>
<td>(20)%</td>
<td>15 hours</td>
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<tr>
<td>Exercises</td>
<td>(20)%</td>
<td>15 hours</td>
</tr>
<tr>
<td>Group work</td>
<td>(20)%</td>
<td>15 hours</td>
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<tr>
<td>Individual studying</td>
<td>(10)%</td>
<td>7.5 hours</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>100%</td>
<td><strong>75 hours</strong>, for 3ECTs (15 sessions)</td>
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4- **CONTENT**

Students must read cases before the class.

SESSION 1: Introduction  
SESSION 2: Supply Chain Management: A Review (continued)  
SESSION 3: Managing Supply and Demand  
SESSION 4: Managing Supply and Demand through a Simulation  
SESSION 5, 6 Visit to a Factory  
SESSION 7: Managing Supply and Demand for perishable products  
SESSION 8: MATCHING SUPPLY AND DEMAND  
SESSION 9: LOGISTICS  
SESSION 10: Supply Chain for Internet Retail  
SESSION 11: Agility, Adaptability, and Innovation in Supply Chains  
SESSION 12: Outsourcing  
SESSION 13: Lecture  
SESSION 14: Project Presentation  
SESSION 15: Final Exam

5- **EVALUATION SYSTEM (ORDINARY AND EXTRAORDINARY)**

Your final grade in the course will be based on both individual and group work of different characteristics that will be weighted in the following way:

A. Class participation  
B. Homework  
E. Final group presentation & report  
F. Final Exam

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<td>F.</td>
<td>Final Exam</td>
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<td><strong>TOTAL</strong></td>
<td></td>
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</table>

**RETAKE POLICY**

- Each student has 4 chances to pass any given course distributed in two consecutive academic years (regular period and July period).

- Students who do not comply with the 70% attendance rule will lose their 1st and 2nd chance, and go directly to the 3rd one (they will need to enrol again in this course next academic year).
Grading for retakes will be subject to the following rules:

- Students failing the course in the first regular period will have to do a retake in July (except those not complying with the attendance rules, which are banned from this possibility).
- Dates and location of the July retakes will be posted in advance and will not be changed. Please take this into consideration when planning your summer.
- The July retakes will consist of a comprehensive exam. The grade will depend only on the performance in this exam; continuous evaluation over the semester will not be taken into account. This exam will be designed bearing in mind that the passing grade is 5 and the maximum grade that can be attained is 8.
- The non-July retakes (this happens in the ordinary period: students in their third attempt) will consist of a comprehensive exam. The grade will depend only on the performance in this exam; continuous evaluation over the semester will not be taken into account. This exam will be designed bearing in mind that the passing grade is 5 and the maximum grade that can be attained is 8.
- The maximum grade that a student may obtain in any type of retake will be 8 out of 10.

CODE OF CONDUCT IN CLASS

1. Be on time: Students arriving more than 5 minutes late will be marked as “Absent”.

   Only students that notify in advance in writing that they will be late for a specific session might be granted an exception (to the discretion of the professor).

2. If applicable, bring your name card and strictly follow the seating chart. It helps faculty members and fellow students learn your names.

3. Don’t leave the room during the lecture: Students are not allowed to leave the room during the lecture. If a student leaves the room during the lecture, he/she will not be allowed to re-enter and, therefore, will be marked as “Absent”.

   Only students that notify that they have a special reason to leave the session early will be granted an exception (to the discretion of the professor).

4. Do not engage in side conversation. As a sign of respect toward the person presenting the lecture (the teacher as well as a fellow student), side conversations are not allowed. If you have a question, raise your hand and ask it. If you do not want to ask it during the lecture, feel free to approach your teacher after class.

   If a student is disrupting the flow of the lecture, he/she will be asked to leave the classroom and, consequently, will be marked as “Absent”.

5. Use your laptop for course-related purposes only. The use of laptops during the lectures should be authorized by the professor. The use of Facebook, Twitter, or accessing any type of content not related to the lecture is penalized. The student will be asked to leave the room and, consequently, will be marked as “Absent”.

6. No cellular phones: IE University implements a “Phone-free Classroom” policy and, therefore, the use of phones, tablets, etc. is forbidden inside your classroom. Failing to abide by this rule entails expulsion from the room and will be counted as one Absence.
7. Escalation policy: 1/3/5. Items 4, 5, and 6 above entail expulsion from the classroom and the consequent marking of the student as “Absent.” IE University implements an “escalation policy”: The first time a student is asked to leave the room for disciplinary reasons (as per items 4, 5, and 6 above), the student will incur one absence, the second time it will count as three absences, and from the third time onward, any expulsion from the classroom due to disciplinary issue will entail 5 absences.