

## Course form to fill in (STP 2025)

### Course title:

Supply Chain now and forward

### Staff responsible for the course:

Farah HEFIED

### Lecturers:

First Name + Name  
Rafael Espinosa

## 1) COURSE PRESENTATION

### Aims:

Draw up a list of competencies and/or skills that the student should have acquired or improved at the end of the course.

You must fill in the field under the format “the student should be able to...” using action verbs such as define, realise, control... *(This description should not take more than ten lines)*

### **At the end of the course, the student should be able to:**

The student should be able to know what's supply chain

The student should be able to differentiate de several supply chain strategies

The student should be able to evaluate the different systems of acquisition and their strategies

The student should be able to control the different logistic possibilities related to supply chain management

The student should be able to know the different digital transformation tools are in use and which are next to come

### Prerequisites:

You must not write courses' codes or names, but identify the preliminary skills as the knowledge or the know-how needed to efficiently follow this course.

Write it out in terms of knowledge and methodologies required to follow this course (this would help students from direct entry to position themselves). *(This description should not take more than five lines)*

Operations basic knowledge.

### Course contents:

Here, an abstract of the course can be given or the different chapters of the course can be simply written down.

*(The description should not take more than ten lines)*

#### 1. Logistic and supply chain (25% of the final grade)

- a. Introduction to Supply Chain and Logistics
- b. Key Components of Logistics
- c. Types of Supply Chains
- d. Supply Chain Integration
- e. Performance Metrics

#### 2. Operations process (25% of the final grade)

- a. Understanding Operations
- b. Process Design

<ul style="list-style-type: none"> <li>c. Capacity Planning</li> <li>d. Quality Management</li> <li>e. Process Improvement Techniques</li> </ul>
<p>3. Replenishment (25% of the final grade)</p> <ul style="list-style-type: none"> <li>a. Basics of Replenishment</li> <li>b. Inventory Control Systems</li> <li>c. Demand Forecasting and Planning</li> <li>d. Order Management</li> <li>e. Supplier Collaboration</li> <li>f. Technology in Replenishment</li> </ul>
<p>4. Digital transformation and Sustainable Supply Chain (25% of the final grade)</p> <ul style="list-style-type: none"> <li>a. Digital Transformation in Supply Chains</li> <li>b. E-commerce and Omnichannel Logistics</li> <li>c. Sustainable Supply Chain Principles</li> <li>d. Green Logistics</li> <li>e. Regulatory Compliance</li> </ul>

## 2) WORKING LOAD

Here, you should allocate the effective working load of the course, including an estimation of the personal work required from the student.

TABLE 1

Course's types	Number of hours	Notes
<u>Effective presence</u>		
- <i>Magistral Course</i>		
- <i>Interactive Course</i>	16	
- <i>Tutorials</i>		
- <i>Coaching</i>		
<u>Training from a distance</u>		
- <i>Video-conferences</i>		
- <i>Webinars</i>		
<u>Self-learning</u>		
- <i>Books 'readings</i>		
- <i>E-learning</i>	2	
- <i>Research</i>		
<u>Outdoors-training</u>		
- <i>In firms</i>		

- Internship		
<u>Personal work</u>		
- Group Projects		
- Individual Projects		
- Personal work	15	
<b>Total working time for the student</b>	<b>33</b>	

### 3) EDUCATIONAL METHODS

Tick here the different educational methods used:

- Coaching
- Case Study
- E-Learning and/or Self-learning
- Interactive courses
- Presentations
- Projects
- Research
- Seminars
- Tutorials
- Visits

### 4) ASSESSMENT

Sum up briefly the course assessment's mechanism (two or three lines) in order to introduce the assessment's table that you have to complete below (table n°2).

**You must also define clearly how feedback will be given to students (in accordance with the feedback policy).**

At the end of each day an MCQ will be taken

List the assessment for each modality.

TABLE 2

Modality	Type of control	Length (h)	Number	Weighting (%)
<u>Continuous assessment</u>	Continuous assessment (CONT)			
	Mid-term exam (MIDT)			
	Participation (PARTN)			
	MCQ	1	4	25%
<u>Final exam</u>	Oral final exam (ORAL)			
	Written final exam (ENDT)			
<u>Others</u>	Case study (CASE)			
	Group Project (GPROJ)			
	Individual Project (IPROJ)			
	Written assignment (WRITTEN)			
	Exercises (EXERC)			
<b>Total</b>		<b>4</b>	<b>4</b>	<b>100%</b>

## 5) RECOMMENDED READING

Name of books (*indicate only three or four must-read references*) / Name of reviews:

<b>Reference book (appellation reserved for books selected by the School and necessarily bought by all the students):</b>

<b>Class books :</b>
Logistics & Supply Chain Management. Martin Christopher. 4th edition. Prentice Hall. ISBN: 978-0-273-73112-2
Global Supply Chain and Operations Management. Dmitry Ivanov_Alexander Tsipoulaidis _Jörn Schönberger. 2nd edition. Springer. ISBN 978-3-319-94312-1
Supply Chain Management_ Strategy, Planning and Operation. Sunil Chopra_ Peter Meindl. 6 <sup>th</sup> edition. Pearsons. ISBN 978-0-13-380020-3

<b>Reviews :</b>

### Internet Resources:

Please indicate here if you use the school intranet site to put on-line documents and/or if you advise the visit of web sites to students.

Name of the Website	URL