Universitat de Lleida

DEGREE CURRICULUM

LOGISTICS

Coordination: CAMUÑAS MENDEZ, JORGE FRANCISCO

Academic year 2023-24

LOGISTICS 2023-24

Subject's general information

Subject name	LOGISTICS
Code	102405
Semester	1st Q(SEMESTER) CONTINUED EVALUATION
Typology	

Degree	Course	Character	Modality
Bachelor's degree in Industrial Organization and Logistics Engineering	3	COMPULSORY	Attendance-based

Course number of credits (ECTS)	6
Type of activity, credits, and groups	

Activity type	PRAULA	TEORIA
Number of credits	3	3
Number of groups	1	1

Coordination	CAMUÑAS MENDEZ, JORGE FRANCISCO
Department	ECONOMICS AND BUSINESS
Teaching load distribution between lectures and independent student work	Classroonm hours: 60 hores Autonomous work: 90 hores
Important information on data processing	Consult this link for more information.
Language	Catalan / Spanish
Distribution of credits	Theoretical: 3 ECTS Room practices: 3 ECTS

LOGISTICS 2023-24

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
CAMUÑAS MENDEZ, JORGE FRANCISCO	jordi.camunas@udl.cat	6	

Subject's extra information

Subject that is studied in the 1st semester of the 2nd year of the Degree in Engineering in Industrial Organization and Logistics. It corresponds to the Subject "Logistics" within the Module "Specific Formation in Industrial Organization and Logistics".

Subject that requires continuous work throughout the semester in order to achieve the stated goals. Critical thinking and abstract reasoning abilities are required.

It is recommended to frequently visit the Virtual Campus space associated with the subject as all the corresponding information is announced.

Learning objectives

To know the role of logistics as a catalyst of the competitiveness of the firm.

To know the strategic importance of the supply chain.

To know and apply the main models for decision making in logistics.

To know international rules for transportation.

Competences

Basic

B02 That students know how to apply their knowledge to their work or vocation in a professional manner and possess the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.

B03 That students 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 or ethical issues.

B04 That students can transmit information, ideas, problems and solutions to a specialized and non-specialized public.

B05 That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

Transversal

CT1. To develop a proper understanding and oral and written expression of Catalan and Spanish.

CT3. To implement new technologies and technologies of information and communication.

CT5. To apply essential notions of scientific thinking.

General competences

CG4. To solve problems with initiative, make decisions, creativity, critical reasoning and to communicate and transmit knowledge, skills and abilities in the field of Industrial Organization Engineering.

CG6. To implement specifications, regulations and mandatory rules.

CG9. To organize and plan in the field of the company, and other institutions and organizations.

CG10. To work in a multilingual and multidisciplinary environment.

Specific competences

CE15. To apply the basic knowledge of production and manufacturing systems.

CE19. To have applied knowledge of basics and principles of quality management and technological innovation.

CE22. To acquire capacity to design enterprise information systems.

CE29. To acquire capacity to design and optimize the logistics and transportation.

CE30. To acquire capacity to supply chain management.

Subject contents

1. Basic concepts of Logistics.

2. Capacity management.

3. Allocation strategies.

4. Layout strategies.

5. Stock management.

6. Material resource planning.

7. Supply chain management.

Methodology

The course will be taught with a combination of magistral lessons and practical activities which will involve lectures and case study analyses

The usual format of the sessions will consist of a first part of explanation of the main concpets, and then a practical classroom-guided activity that will allow students to internalize and consolidate the concepts discussed in the session.

The time distribution of dedications will be:

Activity	Classroom activity		Homework activity		Total time
	Goals	Hours	Student work	Hours	Hours/ECTS
Master class	Explanation of concepts	30	Comprehension	45	75
Problems and case studies	Case study, problems	30	Problem solving	45	75
Totals		60		90	150

Development plan

Week	Description	Classroom activity	HTP	Homework activity	HTNP
S1	Presentation. Lesson 1	Presentation of the subject Master class	4	Comprehension	6
S2	Lesson 1	Master class. Problems setup	4	Comprehension and problem solving	6
S3	Lesson 2	Master class. Problems setup	4	Comprehension and problem solving	6
S4	Lesson 2	Master class. Problems setup	4	Comprehension and problem solving	6
S5	Lesson 3	Master class. Problems setup	4	Comprehension and problem solving	6
S6	Lesson 3	Master class. Problems setup	4	Comprehension and problem solving	6
S7	Lesson 4	Master class. Problems setup	4	Comprehension and problem solving	6
S8	Lesson 4	Master class. Problems setup	4	Comprehension and problem solving	6
S9	First term test	Individual written test	2	Test preparation	3
S10	Lesson 5	Master class. Problems setup	4	Comprehension and problem solving	6
S11	Lesson 5	Master class. Problems setup	4	Comprehension and problem solving	6
S12	Lesson 6	Master class. Problems setup	4	Comprehension and problem solving	6
S13	Lesson 6	Master class. Problems setup	4	Comprehension and problem solving	6
S14	Lesson 7	Master class. Problems setup	4	Comprehension and problem solving	6
S15	Lesson 7	Master class. Problems setup	4	Comprehension and problem solving	6
S16	Second term test	Individual written test	2	Test preparation	3

Evaluation

First term exam: 35%

First term practical activities and classwork : 15%

Second term exam: 35%

Second term practical activities and classwork : 15%

Score range: from 0 to 10 points

Minimum passing score: 5

Bibliography

Castán, JM; López, J; Núñez, A (2012) La logística en la empresa. Pirámide.

Christopher, M (2016) Logistics and supply chain management, 5th edition. Pearson.

Rushton, A; Croucher, P; Baker, P (2017) The handbook of logistics and distribution management, 6th edition. KoganPage.

Velasco, J (2013) Gestión de la logística en la empresa. Pirámide.