Universidad Europea

1. OVERVIEW

Subject area	Business and Legislation
Degree	Bachelor's Degree in Computer Engineering
School/Faculty	School Architecture, Engineering and Design.
Year	2022/2023
ECTS	6
Type	Compulsory
Language(s)	Spanish
Delivery mode	On campus / Online
Semester	1
Year	4
Coordinating professor	Santiago Torres Alegre
Teacher	Santiago Torres Alegre

2. INTRODUCTION

This subject area belongs to the Transversal Knowledge in Engineering subject, formed by the following compulsory subject areas: Professional Effectiveness, Relational Impact and Influence, Entrepreneurial Leadership, University Activities and Business and Legislation.

In this subject area, the foundations of how companies operate are introduced, and their different areas such as marketing, finance, operations, human resources, etc will be analysed. In the second part of the subject area, the basic aspects of general legislation are introduced, as well as more specific aspects linked to the development of technology.

3. SKILLS AND LEARNING OUTCOMES

Transversal skills (CT, by the acronym in Spanish):

- CT1: Independent Learning: Ability to choose the most effective strategies, tools and opportunities for independent learning and implementation of what has been learnt.
- CT10: Initiative and entrepreneurial spirit: Ability to undertake difficult or risky actions with resolve. Ability to anticipate problems, propose improvements and persevere to ensure they are implemented. Willingness to take on and carry out tasks.
- CT16: Decision-making: Ability to choose between different options or methods to effectively solve varied situations or problems.
- CT17: Teamwork: Ability to integrate and collaborate actively with other people, departments and/or organisations in order to reach common goals.

Specific skills (CE, by the acronym in Spanish):

- CE6: Adequate knowledge of the concept of the company, and the institutional and legal framework of the company. Organisation and business management.

- CE7: Ability to design, develop, select and assess computer applications and systems, ensuring their reliability, security and quality, according to ethical principles and the current legislation and regulations.
- CE24: Knowledge of the rules and regulations of computer science at national, European and international levels.

General skills of the profession:

- CG7: Ability to know, understand and apply the necessary legislation during the professional development of a Technical Engineer in Computer Science and to handle specifications, regulations and compulsory standards.
- CG12: Knowledge and application of the basic elements of economics and human resource management, project organisation and planning, as well as legislation, regulation and standardisation in the field of computer projects.

Learning outcomes (RA, by the acronym in Spanish):

- RA1: Understand the functions of the different areas or departments that make up a company.
- RA2: Choose between different investment options.
- RA3: Develop a business plan.
- RA4: Identify the main areas of Law.
- RA5: Summaries the current regulations on the computer law subject.

The following table shows how the skills developed in the subject area match up with the intended learning outcomes:

Skills	Learning outcomes
CE6, CG12	**RA1:** Understand the functions of the different areas or departments that make up a company.
CT1, CG7, CG12, CT16	**RA2:** Choose between different investment options.
CT10, CT17	**RA3:** Develop a business plan.
CT10, CT17, CE6	**RA4:** Identify the main areas of Law.
CE7, CE24	**RA5:** Summaries the current regulations on the computer law subject.

4. CONTENTS

TOPIC 1: Introduction to the company.

1.1. Concept of the company.

1.2. Organisational structures.

1.3. Environment and competition.

1.4. Financial aspects.

TOPIC 2: Business Development. Business Plan.

2.1. Business Plan definition.

2.2. Business Plan elements.

2.3. Marketing Plan.

2.4. Accounting Aspects.

2.5. New business creation methods.

TOPIC 3 Basic legislation. Legal system.

3.1. Concept of Law.

3.2. Spanish legal system.

3.3. Civil and Commercial Law.

3.4. Administrative and Tax Law.

3.5. Laboral and Criminal Law.

TOPIC 4. Legislation and Technology.

4.1. Electronic Communications Regulations.

4.2. Data Protection Regulations.

4.3. Security Regulations.

4.4. Intellectual Property. Patents.

4.5. Practice of the profession. Professional Bodies.

4.6. Deontology. Ethical aspects.

5. TEACHING/LEARNING METHODS

The types of teaching/learning methods are as follows:

- Survey on aims and interests
- Lectures
- Group research (jigsaw) and/or b) group problem-solving.
- Practical case studies.
- Project-based learning.

6. LEARNING ACTIVITIES

The types of learning activities, plus the amount of time spent on each activity, are as follows:

On campus:

Learning activity (AF, by the acronym in Spanish)	Number of hours
Lectures	50 h
Group work	25 h
Independent working	50 h
Tutorials, academic monitoring	25 h
TOTAL	150

Hybrid learning:

Learning activity (AF, by the acronym in Spanish)	Number of hours
Independent working	50h
Independent reading on complementary topics and materials and implementation of activities carried out independently	50h
Group work	25h
Tutorials, academic monitoring	25h
TOTAL	**150**

7. ASSESSMENT

The assessment systems, plus their weighting in the final grade for the subject area, are as follows:

On campus:

Assessment system	Weighting
Activities	60%
Skills assessment	10%
Exam	30%

Hybrid learning:

Assessment system	Weighting
Activities	60%
Skills assessment	10%
Exam	30%

On the Campus Virtual, when you open the subject area, you will find all the details of your assessable tasks and the deadlines and assessment procedures for each task.

7.1. Ordinary exam period

To pass the subject area in the ordinary exam period, you will need a final grade of at least 5.0 out of 10.0 (weighted average) for the subject area.

In any case, you will need a grade of at least 5.0 in the final test for it to be included in the weighting with the other activities.

7.2. Extraordinary exam period (resits)

To pass the subject area in the ordinary exam period, you will need a final grade of at least 5.0 out of 10.0 (weighted average) for the subject area.

In any case, you will need a grade of at least 5.0 in the final test for it to be included in the weighting with the other activities.

Activities not passed in the ordinary exam period, or those not submitted, must be submitted after receiving the relevant corrections and feedback from the lecturer.

8. TIMELINE

The timeline with submission dates for the assessable tasks in this subject area will be indicated in this section:

Assessable tasks	Date
Activity 1: Search for information on types of companies and forms of organisation Activity 2: Solving exercises on a company's financial aspects	Weeks 1-4 Submission at the end of week 2 and 4.
Activity 3: Business plan development.	Weeks 5-8 Submission at the end of week 8.
Activity 4: Individual work. Legislation Plan.	Weeks 9–12
Activity 5: Work on the impact of regulation in the field of technology.	Weeks 13–16 Submission at the end of week 16
Activity 6: Final exam	Week 16.

The timeline may be subject to change for logistical reasons related to the activities. Students will be informed of any changes in due time and course.

9. BIBLIOGRAPHY

Fundamentos de administración de empresas. Oscar Gutierrez Aragón. Ed Piramide.

Introducción al Derecho. Angel Latorre. Ed Ariel.

10. DIVERSITY AWARENESS UNIT

Students with special educational needs:

To ensure equal opportunities, curricular adaptations or adjustments for students with special educational needs will be outlined by the Diversity Awareness Unit (UAD, Spanish acronym).

As an essential requirement, students with special educational needs must obtain a report about the curricular adaptations/adjustments from the Diversity Awareness Unit by contacting unidad.diversidad@universidadeuropea.es at the beginning of each semester.

11. STUDENT SATISFACTION SURVEYS

Your opinion matters!

Universidad Europea encourages you to complete our satisfaction surveys to identify strengths and areas for improvement for staff, degrees and the learning process.

These surveys will be available in the survey area of your campus virtual or by email.

Your opinion is essential to improve the quality of the degree.

Many thanks for taking part.