1. BASIC INFORMATION

Course	Entrepreneurial Leadership
Degree program	Degree on Computer Engineering
School	School of Architecture, Engineering and Design
Year	Third Year
ECTS	6
Credit type	Compulsory
Language(s)	English / Spanish
Delivery mode	Face to Face / On-line
Semester	5th Semester 5 (1º semester of the 3rd year)
Academic year	2025/2026
Coordinating professor	Manuel García Fernández
Professor	Manuel García Fernández / Alberto Partida Rodríguez

2. PRESENTATION

An engineer needs to face a professional career in which the success in the assigned tasks depends on factors like: teams' management in functional or hierarchical line, the interdepartmental connections, and the relationships with Customers and Suppliers. In order to achieve the expected results, the good use of the management skills is an essential tool for succeeding.

The main objective of this course is to provide the students with the strategies and soft-skills to handle the challenges associated with the increasingly complex personal field of the business management. Specifically, the students will be equipped with the advanced decision-making and execution skills they need to excel in their organizations as multifaceted engineers.

Therefore, one of the main objectives of this subject is to prepare the student for teams' management, providing him/her with the necessary skills to ensure the achievement of the established targets along his/her career in a context in which, in parallel to the technical problems, the interpersonal skills and the emotional intelligence play an essential role.

Managerial skills may be classified in three different areas: one related to the technical knowledge of the field concerned, another one which eases the strategic thinking, and the one that improves the ability for interpersonal relationships.

The subject belongs to the subject "Transversal knowledge of engineering".

3. COMPETENCIES AND LEARNING OUTCOMES

Basic Competencies:
- **CB1**: Students have demonstrated that they possess and understand knowledge in an area of study that is based on the foundation of general secondary education, and is usually at a level that, while supported by advanced textbooks, also includes some aspects that involve knowledge from the forefront of their field of study.
- **CB2**: 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.
- **CB3**: That students have the ability to gather and interpret relevant data (normally within their area of study) to make judgments that include a reflection on relevant issues of a social, scientific or ethical nature.
- **CB4:** That students can transmit information, ideas, problems and solutions to both specialized and non-specialized audiences
- **CB5:** That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy

Transversal Competencies:
- **CT1**: Autonomous Learning: Ability to choose the strategies, tools and moments that are considered most effective to learn and independently put into practice what has been learned CB2: 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
- **CT3:** Ability to adapt to new situations: being able to assess and understand different positions, adapting one's approach as the situation requires.
- **CT7:** Awareness of ethical values: Ability to think and act according to universal principles based on the value of the person that are directed towards their full development and that entails a commitment to certain social values.
- **CT9:** Interpersonal relationship skills: Ability to relate positively with other people through verbal and non-verbal means, through assertive communication, understood as the ability to express or transmit what one wants, what one thinks or feels without disturbing, attacking or hurting the other person's feelings.
- **CT11**: Planning and time management: Ability to set objectives and choose the means to achieve these objectives using time and resources effectively.
- **CT16:** Decision making: Ability to make a choice between existing alternatives or ways to effectively resolve different situations or problems
- **CT17:** Teamwork: Ability to integrate and actively collaborate with other people, areas and/or organizations to achieve common goals.

Specific Competencies:
- **CE7**: Ability to design, develop, select and evaluate computer applications and systems, ensuring their reliability, security and quality, in accordance with ethical principles and current legislation and regulations.
- **CE9**: Ability to understand the importance of negotiation, effective work habits, leadership and communication skills in all software development environments.

General Competencies:
- **CG9**. Ability to solve problems with initiative, decision-making, autonomy and creativity. Ability to communicate and transmit the knowledge, skills and abilities of the profession of Technical Engineer in Computer Science.
- **CG11**. Ability to analyse and assess the social and environmental impact of technical solutions, understanding the ethical and professional responsibility of the activity of the Technical Engineer in Computer Science.

Learning Outcomes:
- **RA1**: Adopt a leadership style appropriate to each situation.
- **RA2**: Demonstrate critical and reflective thinking skills.
- **RA3**: Understand the dynamics of work groups and their effective management.
- **RA4**: Recognize abilities and skills in others to manage their development.
- **RA5**: Asumir y llevar a cabo actividades o tareas que crean nuevas oportunidades.

- **RA6**: Taking on and carrying out activities or tasks that create new opportunities.
- **RA7**: Propose new ideas or look for solutions and put them into practice.
- **RA8:** Apply skills to develop a business idea or concept.
- **RA9**: Know the norms and expectations of behavior within the framework of other cultures.
- **RA10**: Identify the cultural complexity of globalized organizations and institutions and analyze good practices.
- **RA11**: Appreciate cultural differences, accepting different ways of doing things

Competencies	Learning outcomes
CE07	RA1, RA2, RA3, RA4, RA5, RA6, RA7, RA8, RA9, RA10
CE09	RA6, RA8, RA9, RA11

4. CONTENT
- Leadership with emotional intelligence
- Management of effective teams: organization, motivation and development
- Management of offshoring teams: multiculturalism and teleworking
- Introduction to selection by competences
- Basic negotiation techniques

5. TEACHING-LEARNING METHODOLOGIES
- Lecture-Based Class
- Research and problem-solving in groups.
- Practical case-study.

6. LEARNING ACTIVITIES

On-campus:

Learning Activity	Number of hours	Use of AI
LA1: Teacher lectures	25 h	Suggested
LA2: Team work	50 h	Suggested
LA3: Autonomous work	50 h	Allowed
LA4: Tutorship, academic monitoring, assessments	25 h	Not Allowed
TOTAL	150 h	

On-line:

Learning Activity	Number of hours	
LA1: Teacher lectures	50 h	Suggested
LA2: Team work	50 h	Suggested
LA3: Autonomous work	25 h	Allowed
LA4: Tutorship, academic monitoring, assessments	25 h	Not allowed
TOTAL	150 h	

7. ASSESSMENT

On-Campus:

Assessment Type	Weight
Final Exam	40%
Group Work	60%

On-line:

Assessment Type	Weight
Final Exam	60%
Group Work	40%

Al acceder al Campus Virtual se mostrarán los enunciados de las actividades y su fecha de entrega.

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

In any case, you will need to obtain a grade of at 5.0 in the mandatory final exam in order for it to count towards the final grade along with all the grades corresponding to the other activities.

7.2. Second exam period

To pass the course in the second exam period, you must obtain a final grade of at least 5 out of 10 (weighted average).

In any case, you will need to obtain a grade of 5.0 at the final exam.

The student must deliver the activities not successfully completed in the first exam period after having received the corresponding corrections from the professor, or those that were not delivered in the first place.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
Group Project Session 1	February 2025
Group Project Session 2	March 2025
Group Project Session 3	March 2025
Group Project Session 4	April 2025
Group Project Session 5	April 2025
Group Project Session 6	May 2025
Final Exam	May 2025

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAFÍA

The recommended Bibliography is:
- E. Ries, "The Lean Startup", Ed.Rabbit.
- J. Kaufman, "The Personal MBA", Ed. Penguin.
- P. Thiel, " From Zero to One", Ed. Random House.
- T. Erikson, "Surrounded by Idiots", Ed. Penguin.
- J. Zhuo, "The Making of a Manager: what to do when everyone looks at you". Ed Penguin.
- T. Erikson, "Surrounded by Idiots", Ed. Penguin.
- J. Zhuo, "The Making of a Manager: what to do when everyone looks at you". Ed Penguin.

10. DIVERSITY MANAGEMENT UNIT

Students with specific learning support needs:

Curricular adaptations and adjustments for students with specific learning support needs, in order to guarantee equal opportunities, will be overseen by the Diversity Management Unit (UAD: Unidad de Atención a la Diversidad).

It is compulsory for this Unit to issue a curricular adaptation/adjustment report, and therefore students

with specific learning support needs should contact the Unit at
unidad.diversidad@universidadeuropea.es at the beginning of each semester.

11.   ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the "surveys" section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.