

1. BASIC DATA

Subject	Professional Practice of the Engineer
Titration	Bachelor's Degree in Industrial Systems Engineering
School/ Faculty	School of Architecture, Engineering, Science and Computing
Course	4
ECTS	6
Character	Compulsory
Language/s	Spanish
Modality	Face to face
Semester	S1
Academic year	25-26
Coordinating Teacher	

2. PRESENTATION

In this subject, the knowledge is acquired that will allow the student to identify the regulations applicable to the exercise of the profession of Industrial Technical Engineer, as well as to describe the functions and steps of the project visa, identify functions within the construction management and opportunities for labor insertion. In summary, the student will be provided with the necessary information so that they know what the profession associated with their degree entails.

3. LEARNING OUTCOMES

Knowledge

CON5: Adequate knowledge of the concept of the company, institutional and legal framework of the company. Organization and management of companies

CON12: Applied knowledge of business organization

CON27: Knowledge for carrying out measurements, calculations, valuations, appraisals, appraisals, surveys, studies, reports, work plans and other similar work

Subject-Matter Knowledge

- Identify the regulations applicable to the exercise of the profession of Industrial Technical Engineer
- Describe the functions and steps for project visa
- Identify the functions within the construction management
- Define job placement opportunities
- Describe the functions of the Industrial Technical Engineer in the company

Skills

HAB6: Knowledge and skills to organise and manage projects. Know the organizational structure and functions of a project office.

Subject-Specific Skills

- Analyze entrepreneurship opportunities

Competences

CP3: Ability to solve problems with initiative, decision-making, creativity, critical reasoning and to communicate and transmit knowledge, skills and abilities in the field of Industrial Engineering

CP4: Ability to handle mandatory specifications, regulations and standards

CP5: Organizational and planning capacity at the level of the company, and other institutions and organizations

CP6: Ability to work in a multilingual and multidisciplinary environment

CP7: Knowledge, understanding and ability to apply the necessary legislation in the exercise of the profession of Industrial Technical Engineer

CP13: Cooperate with others in the achievement of a shared academic or professional objective, participating actively, empathetically and exercising active listening and respect for all members

CP15: Adapt to adverse, unexpected situations that cause stress, whether personal or professional, overcoming them and even turning them into opportunities for positive change

CP16: Showing ethical behaviour and social commitment in the performance of the activities of a profession, as well as sensitivity to inequality and diversity

4. CONTENTS

- Engineering Projects
 - a. Documentary organization of the project
 - b. Feasibility study
 - c. Budget. Time and cost management
- Legislation and regulations of the applicable Industrial Technical Engineer. Visa and civil liability
- The engineer in the company
 - a. Professional areas and functions in the company
 - b. Entrepreneurship and business creation
 - c. Labour market and international mobility

5. TEACHING-LEARNING METHODOLOGIES

The following are the types of teaching-learning methodologies that will be applied:

- Masterclass
- Problem-Based Learning
- Cooperative learning
- Project-based learning

6. TRAINING ACTIVITIES

The types of training activities that will be carried out and the student's dedication in hours to each of them are identified below:

Face-to-face modality:

Training activity	Number of hours
Lectures	10
Practical application seminars	15
Troubleshooting	30
Oral presentations of papers	1
Preparation of reports and writings	4
Research and Projects	20
Freelance work	60
Debates and colloquia	5
Face-to-face assessment tests	5
TOTAL	150

7. EVALUATION

The evaluation systems are listed below, as well as their weight on the total grade of the subject:

Face-to-face modality:

Evaluation system	Min. Weight %	Max. weight %
Face-to-face assessment tests	50	60
Oral presentations	5	5
Case/Problem	10	30
Performance evaluation	5	5
Research and Projects	10	20

On the Virtual Campus, when you access the subject, you will be able to consult in detail the evaluation activities you must carry out, as well as the delivery dates and evaluation procedures for each of them.

8. SCHEDULE

This section indicates the schedule with delivery dates of assessable activities of the subject:

"To be defined by the professor of the subject from the academic year of teaching 27/28"

This schedule may be modified for logistical reasons of the activities. Any modification will be notified to the student in a timely manner.

9. BIBLIOGRAPHY

To be defined by the teacher of the subject in the academic year of teaching 27/28

10. EDUCATIONAL GUIDANCE, DIVERSITY AND INCLUSION UNIT

From the Educational Guidance, Diversity and Inclusion Unit (ODI) we offer support to our students throughout their university life to help them achieve their academic achievements. Other pillars of our action are the inclusion of students with specific educational support needs, universal accessibility on the different campuses of the university and equal opportunities.

This Unit offers students:

1. Accompaniment and follow-up through the realization of personalized counseling and plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made, that is, at the level of methodology and evaluation, in those students with specific educational support needs, thus pursuing equality of opportunities for all students.
3. We offer students different extracurricular training resources to develop various skills that will enrich them in their personal and professional development.
4. Vocational guidance through the provision of tools and advice to students with vocational doubts or who believe that they have made a mistake in the choice of the degree

Students who need educational support can write to us at:

orientacioneducativa@universidadeuropea.es

11. SATISFACTION SURVEYS

Your opinion matters!

The European University encourages you to participate in satisfaction surveys to detect strengths and areas for improvement in the teaching staff, the degree and the teaching-learning process.

The surveys will be available in the survey space of your virtual campus or through your email.

Your assessment is necessary to improve the quality of the degree.

Thank you very much for your participation.