Course Syllabus (Proyecto/Guía docente de la asignatura)

Subject	FINAL PROJECT
Degree	INDUSTRIAL ENGINEERING INTERNATIONAL SEMESTER TRANSVERSAL COURSE FOR THE SEVEN BACHELOR'S DEGREES TAUGHT IN INDUSTRIAL ENGINEERING
Code	75005
Semester	Second semester
Type	Optional
ECTS credits	12
Lenguage	English
Teaching staff	All professors of the Industrial Engineering School
Departments	All the departments of the Industrial Engineering School

1. Sense of the Course

1.1 Contextualization

The subject is part of the Industrial Engineering International Semester.

1.2 Relationship with other subjects

The final project, which should synthesise and integrate the skills acquired into the lessons, brings together all subjects of the degree

1.3 Recommended Prior Knowledge

It is necessary to have a deep previous knowledge on the topic of the final project.

2. Competences

2.1 Generic competences

- Capacity for abstraction, analysis and synthesis
- Ability to apply knowledge in practice
- Ability to organize and plan time
- Communication skills oral and written
- Ability to search, process and analyze information from various sources
- Ability to identify and solve problems
- Ability to make decisions.
- Ability to work autonomously
- Ability to formulate and manage projects

2.2 Specific competences

- Original exercise to be carried out individually and presented and defended before a university court, consisting of a project in the field of specific engineering technology of a professional nature in which the competences acquired in the teaching are synthesised and integrated.

3. Course goals

- Integrate the knowledge and skills acquired throughout the degree.
- Acquire maturity.

4. Learning Units

Unit 1:

Workload in credits ECTS: 12

a. Course goals

Development of an original project on the specific topic proposed by the academic tutor.

b. Contents

They will be those corresponding to the original exercise to be carried out individually, consisting of a project in the field of technology specific to engineering of a professional nature directed by one or more tutors of which at least one must be academic.

c. Bibliography

It will be provided by the academic tutor and will depend on the subject of the final project.

d. Timing

ECTS CREDITS	EXPECTED DEVELOPMENT PERIOD
12	Throughout the whole semester.

5. Teaching and Learning Methods

Individual tutorial.

6. Dedication of the student to the subject

PRESENTIAL ACTIVITIES or PRESENTIAL DISTANCE ACTIVITIES (1)	HOURS	NON PRESENTIAL ACTIVITIES	HOURS
Individual tutorial	30	Student personal work	270
Total presential	**30**	**Total non presential**	**270**

(1) Presential distance activity is when a group follows a videoconference synchronously to the class given by the teacher.

7. Activities evaluated and grading system

The evaluation of this subject will be based on an oral defense of the work carried out, which will be presented before a tribunal specifically designated for this purpose, and which will evaluate the competences acquired, knowledge, skills and abilities.

Grading system		Maximum mark (points)
Scientific/Technical Value of Work (maximum 6,5 points)	Achievement of objectives	1,50
	Problem Understanding and Analysis Capability	1,50
	Appropriateness of the Approach / Method of Resolution	1,50
	Topic Knowledge	1,00
	Validity of Results	1,00
Technical Memory (maximum 6,5 points)	Structure of the document	0,50
	Review of sources and documentation	0,25
	Introduction and Conclusions	0,50
	Quality of Presentation and Written Expression	0,25
	Technical Level of the Document	0,50
Exposition and Defense (maximum 6,5 points)	Capacity for Synthesis and Organization Exposure	0,50
	Expression and Conviction at the Exposition	0,50
	Capacity for Debate and Quality of Arguments	0,50
	TOTAL	**10,00**

8. Additional Considerations