



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
Language	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:

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	HOURS	NON PRESENTIAL ACTIVITIES	HOURS
Individual tutorial	30	Student personal work	270
Total presential	30	Total non presential	270

7. Activities evaluated and grading system

The evaluation of this subject will be based on an oral defence 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



Course Syllabus Addendum

In the event of a return to a situation of confinement such as that which occurred during the 2019/20 academic year which involves the interruption of classroom activities, an addendum to the current course guide will be drawn up. The content of the addendum will depend on the specific date on which the face-to-face activities will be interrupted and on the computer and telematic means (personal and institutional) provided by the University of Valladolid to the teaching staff to carry out the distance learning activity and which are not known at the date of preparation of this document.

The content of the addendum, which will depend on the two points mentioned above (date of interruption of the face-to-face activities and means provided by the UVa) will contain in a new work plan with its temporalization, adaptation of the contents, teaching methods, adapted table of student dedication, and if necessary also, changes in the evaluation and qualification system.

The proposed changes will guarantee the acquisition of knowledge and the development of the competences stated in the official report of the curriculum.