

30168 - Standardization and Legislation Projects

Syllabus Information

Academic year: 2024/25

Subject: 30168 - Standardization and Legislation Projects

Faculty / School: 175 - Escuela Universitaria Politécnica de La Almunia

Degree: 425 - Bachelor's Degree in Industrial Organisational Engineering

ECTS: 6.0

Year: 4

Semester: Second semester

Subject type: Optional

Module:

1. General information

The subject and its expected results respond to the following approaches and objectives:

- To initiate the future Engineer in the realization of Projects, mainly Industrial and to provide the student with knowledge of current legislation.
- Knowledge of current regulations.
- Search, interpretation and classification of documentation obtained from different sources.
- Develop, plan and manage technical projects.
- Motivation and self-learning capacity.
- Drawing and interpreting plans and diagrams according to the appropriate standards and symbology.
- Apply regulations in the field of Industrial Safety, Industrial Quality and PRL.
- To develop critical capacity and ethical responsibility in professional activities.
- Present in a coherent way, orally and in writing, the work done.

2. Learning results

To pass this subject, the student will be able to:

- Understanding of concepts related to the areas of knowledge of the degree.
- Develop, plan and manage technical projects.
- Understand, order and transmit information obtained from different sources.
- To present coherently, orally and in writing, the work done.
- Motivation and self-learning capacity.
- Knowledge of current regulations.
- Drawing and interpreting plans and diagrams according to the appropriate standards and symbology.
- Manage the necessary computer tools for the design, elaboration and development of projects.

3. Syllabus

"If this teaching could not be carried out in person due to health reasons, it *would be carried out telematically*." Standardization

- Graphical representation"
- Standardized parts
- Dimensioning, Tolerances and Surface Finishes
- Plans, boxes and scales
- Sketch
- Regulatory consultation

Project / Technical Report

- Content
 - Minimum documentation
 - Other documents
- Application
- Types of projects and reports

Relations with the public administration

- Licenses

- Industrial registrations
- Supply companies

Industrial Safety

- CE Marking
- RD 1215 Royal Decree 1215/1997, of July 18, 1997, which establishes the minimum health and safety provisions for the use of work equipment by workers.
- Vehicle refurbishment

Legislation in force

- Laws, Royal Decrees, Decrees.
- Directives and regulations.

Budgets

4. Academic activities

Theoretical classes (2h/week): The theoretical concepts of the subject will be explained.

Classroom practice/seminars/workshops (2h/week): Practical examples will be explained by the teacher, where concepts and procedures will be applied, as well as the use of computer tools..

Tutored practical work-Tutorials (5h/week): Individual and group practices, carried out by the students and supervised by the teacher. (Dedication of the students to the subject)

Work and personal study (1h/week): Individual dedication to assimilate learning. (Dedication of students to the subject)

5. Assessment system

Continuous Assessment

- **Participation.**
 - Classroom attendance > 75%.
 - Attendance at visits and talks > 90%.
- **Individual work (50%)**
 - Each paper will count equally for 50% of the total
 - Defense to be agreed with the teacher
- **Group work (50%)**
 - Each paper will count equally for 50% of the total
 - Defense to be agreed with the teacher

Submission of work

-One week before convocation.

Final Assessment (Call)

When the student is unable to adapt to continuous assessment.

Individual theoretical assessment test (100%).

- Students must pass a theoretical and/or practical test of the entire subject.

6. Sustainable Development Goals

- 4 - Quality Education
- 5 - Gender Equality
- 9 - Industry, Innovation and Infrastructure