

## 39768 - Standardization and Legislation Projects

### Syllabus Information

**Academic year:** 2024/25

**Subject:** 39768 - Standardization and Legislation Projects

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

**Degree:** 608 -

**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 them 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
- Regulations 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 reform

#### 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 work will count equally for 50% of the total
  - Defense to be agreed with the teacher
- **Group work (50%)**
  - Each work will count equally for 50% of the total
  - Defense to be agreed with the teacher

#### Submission of work

- One week before the calling.

#### Final Assessment (Call)

When the student is unable to adapt to continuous assessment.

#### **Individual theoretical evaluation 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