

30163 - Health and Safety

Syllabus Information

Academic year: 2024/25

Subject: 30163 - Health and Safety

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

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

ECTS: 6.0

Year: 4

Semester: First semester

Subject type: Optional

Module:

1. General information

The main objective of the subject is to know and know how to interpret the occupational health and safety regulations applicable in different industrial environments in order to ensure the safety and health of workers.

2. Learning results

Manage security, for it:

- Define the preventive regulations applicable in companies.
- Differentiate and value the different preventive responsibilities that are assumed by different agents within companies.
- Identify mandatory and recommended preventive documentation.
- Identify the different basic occupational hazards that may occur and design basic preventive measures to eliminate or minimize the occupational hazards that may occur.
- Have basic knowledge of security management.

3. Syllabus

Part 1. Basic Knowledge and Prevention Management

- 1.-Basic concepts of occupational risk prevention
- 2.-Law on Occupational Risk Prevention
- 3.-Prevention Services
- 4.-Infringements and Penalties
- 5.- Health and safety management systems.

Part 2. Preventive measures to be adopted for certain occupational hazards

- 6.-Collective Protections
- 7.-Epis
- 8.-Signaling
9. Workplaces
- 10.-Working Teams
- 11.-Noise, Vibrations, Electrical Risk, Manual handling of loads
- 12.-Chemical Agents
- 13.-Risks of office work, pvds
- 14.- Emergency and Self-Protection Plans
- 15.- First Aid

4. Academic activities

- Lectures: presentation of the content, duration 45 hours
- Exercises: case studies of risk situations, duration 15 hours
- Study and personal work: completion of evaluable work and preparation for exams, duration 84 hours.
- Assessment tests. 6 hours

5. Assessment system

Continuous Assessment

- Exercises, assignments and case studies to be solved individually or in groups. These works will have a score of 50% of the grade of the subject.
- Written evaluation test, there will be a theoretical exam that will have a score of 50% of the total evaluation of the subject, being necessary a minimum score of 2 points out of 5 to be able to add the rest of the grades of the subject. Questions related to visits to companies or talks included in the activities of the subject may be included.

Assessment in Call

- There will be a theoretical-practical exam that will have a score of 100% of the total grade of the subject, being necessary a minimum score of 5 points out of 10. This exam will have questions related both to the theoretical part of the subject and to the work done throughout the semester.

6. Sustainable Development Goals

3 - Good Health & Well-Being

5 - Gender Equality

8 - Decent Work and Economic Growth