

Academic Year: (2021 / 2022)

Review date: 10-06-2021

Department assigned to the subject: Department of Private Social and International Law

Coordinating teacher: MUÑOZ RUIZ, ANA BELEN

Type: Compulsory ECTS Credits : 6.0

Year : 1 Semester : 1

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Safety at Work (General Part)

OBJECTIVES

- Ability to apply legislation on the storing of products, fire safety, confined spaces, working at heights and special tasks.
- Ability to identify hazards with machines, work equipment, lifting, transport and maintenance in addition to how to adapt to safety legislation.
- Ability to identify hazards and apply preventive measures against electrical risk, fires and explosions.
- Knowledge for the elaboration and implementation of emergency and evacuation plans.
- Ability to identify hazards and preventive measures for work undertaken in the construction, maritime, agriculture, livestock and mining sectors.
- Ability to define hazards and preventive measures in the transportation of hazardous goods.
- Ability to apply the knowledge acquired to real situations via practical cases and workshops to be undertaken in the classroom or in the specific work environment where the risk can be generated.

DESCRIPTION OF CONTENTS: PROGRAMME

1. Risks related to chemical agents. Safety conditions.
2. Work equipment: risk assessment and prevention.
3. Lifting, transportation and maintenance equipment.
4. Electrical risk. Working with high and low voltage.
5. Fire protection systems.
6. Explosive atmospheres.
7. Emergency and evacuation plans.
8. Confined spaces. Applicable legislation, case studies.
9. Coordination of health and safety at construction sites. Working at heights. Applicable legislation.
10. Health and safety plans at construction sites. Applicable legislation.
11. Pressure equipment. Applicable legislation, case studies.
12. Elaboration of work procedures. Case studies.
13. Hazards and preventive measures in specific sectors: maritime sector.
14. Hazards and preventive measures in specific sectors: agriculture/forestry sector.
15. Hazards and preventive measures in specific sectors: livestock sector.

LEARNING ACTIVITIES AND METHODOLOGY

Lectures in which the fundamental conceptual contents the student must acquire will be developed. In addition to consulting the necessary manuals and a specific bibliography for certain matters which will be provided at the beginning of the four-month period, the student will be provided, in advance, with materials made by the professor to enable a more in-depth study of topics and the better following of explanations. These work materials will serve to introduce the debate and discussion of topics of greater interest to the both the professor and students.

Practical workshops in work groups, individual case studies, analysis of videos and other documents of interest, class debates.

Weekly tutoring hours.

ASSESSMENT SYSTEM

The evaluation of continuous academic performance will be worth 40% of the final mark. This will be done in the following manner:

The completion of case studies, workshops, field work and seminars will constitute 30%. The ability of the student to manage the documentation, their ability to resolve and apply quick, correct and efficient responses to the generally unforeseen circumstances that are presented, and their ability in searching for solutions in unregulated situations will be assessed.

Participation in debates, seminars and theory classes in addition to contributions to prior and individual or group work will constitute 10% of the mark.

The final exam will be a test on specific questions, and this will be worth 60% of the final mark. This test will not have less than 50 questions. Any student who has not performed sufficiently well in practicals to have passed them during the course must undertake a practical exam which will be assessed along with the grade from the final exam. This will help to check the student has acquired the established competences.

Percentage weighting of the Final Exam: 60

Percentage weighting of all other forms of assessment: 40

% end-of-term-examination:	50
% of continuous assessment (assignments, laboratory, practicals...):	50

BASIC BIBLIOGRAPHY

- MUÑOZ RUIZ, A.B. y RODRÍGUEZ SANZ DE GALDEANO, B. (Dir.) Guía práctica de prevención de riesgos laborales , Cinca , 2021