

Health and Safety at Work

Code: 100483
ECTS Credits: 6

Degree	Type	Year	Semester
2500258 Labour Relations	OB	3	1

Contact

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Use of languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Other comments on languages

Morning group. In case of international students attending the course the language could become Spanish, after agreeing it with the rest of the group.

Teachers

Javier Caballero Bastardo

Prerequisites

None

Objectives and Contextualisation

The fundamental objective of this subject is to acquire a global vision of the relationships between work and health, the factors that affect work-related accidents, preventative systems and the ways of organizing occupational risk prevention, taking into account technical, legal, organizational, psychosocial and labor relations aspects.

In this sense, the specific objectives are the following:

- To know the basic concepts of occupational health and its theoretical frameworks.
- To know the distribution of responsibilities in the field of prevention of occupational hazards, the legal framework and the preventive principles that guide it.
- To know the more frequent risk factors in the workplace and how to prevent them.
- To know the ways to organize the prevention at company level, as well as the participation of workers in the field of prevention of occupational hazards.
- To know the main sources of information on occupational health and safety.

Content

The subject will provide knowledge on the following topics:

1. WORK, RISK AND HEALTH

1.1. Evolution of ways of losing health and risk prevention policies. Social inequalities and health. Gender and health. Public health and occupational health.

1.2. Relations between work and health. The concepts of risk and hazard. Evolution of work pathologies. Occupational health and the diffuse borders between productive and reproductive work.

1.3. Accidents and occupational diseases. Concepts, definitions and legal consequences.

2. SAFETY AND HEALTH POLICIES

2.1. Evolution of preventive models. The regulation of health in the workplace. Preventive principles in force in the legislation in Europe, Spain and Catalonia. International organizations related to safety and health at work.

2.2. The organization of the prevention at work place: possibilities and practices. The Prevention Services. The Delegates of Prevention. Health and Safety Committees at Work. The prevention of risks and the system of labor relations.

2.3. The role of the 'Mutuas', Labor Inspection, Trade Unions and other agencies related to occupational health.

3. RISK FACTORS IN THE LABOR SCOPE

3.1. Material conditions

3.2. Pollutants

3.3. Environmental conditions.

3.4. Workload and Ergonomy

3.5. Psychosocial factors and stress, moral harassment at work, organization of working time.

4. ANALYSIS AND MANAGEMENT OF LABOR RISKS

4.1. Epidemiology. Frequency measures and association measures. Cohort and case-control studies. Interventions in public health and occupational health. Accident rates.

4.2. The role of risk assessment in occupational risk management. Type of evaluations: by measurement and by estimation. Acceptable risk and social perception of risk. Contextual analysis of risky behaviors. Gender inequalities in the evaluation of occupational risks.

4.3. Other tools of the preventive organization: Health surveillance and emergency plans.