

Safety in the Workplace

Code: 101830
ECTS Credits: 6

Degree	Type	Year	Semester
2502501 Prevention and Integral Safety and Security	OT	4	0

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

Contact

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Use of Languages

Principal working language: spanish (spa)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: No

Prerequisites

This subject doesn't have any pre-requierments

Objectives and Contextualisation

Training goals

Properly identify and assess risks.

Know preventive activities to eliminate or control risks such as accident investigations.

Know how to evaluate certain types of risks (work spaces, work teams, chemicals....).

Know the differences between an emerging plan and a self-protection plan and be able to develop the basic slogans for a center or activity.

Know for each theme the technical regulations of reference.

Competences

- Assume the social, ethical and professional responsibility that derives from professional practice.
- Be able to adapt to unexpected situations.
- Carry out analyses of preventative measures in the area of security.
- Communicate information , ideas, problems and solutions to both specialised and non-specialised publics.
- Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
- Have a general understanding of basic knowledge in the area of prevention and integral safety and security.
- Identify, manage and resolve conflicts.
- Plan and coordinate the resources of the three large subsystems that interact in questions of security: people, technology and infrastructures.
- Respond to problems applying knowledge to practice.
- Use the capacity for analysis and synthesis to solve problems.
- Work in institutional and interprofessional networks.

Learning Outcomes

1. Apply systems of responsibility and management models particular to models of labour risk prevention management.
2. Assume the social, ethical and professional responsibility that derives from professional practice.
3. Be able to adapt to unexpected situations.
4. Coordinate the resources of the three main subsystems of the prevention and integral security sector: people, technology and infrastructures.
5. Generate innovative and competitive proposals in research and in professional activity developing curiosity and creativity.
6. Identify the most common labour risk factors.
7. Identify, manage and resolve conflicts.
8. Implement and evaluate a plan for labour risk prevention in an organisation.
9. Respond to problems applying knowledge to practice.
10. Use the capacity for analysis and synthesis to solve problems.
11. Work in institutional and interprofessional networks.

Content

Introduction. Working conditions and health.

Risk typology.

Accidents/Incidents.

Accident/incident investigation.

Risk analysis. Risk assessment.

Monitoring of corrective measures.

Analysis, assessment and control of risk. Workspaces and Technical Building Code

Emergency and self-protection plans

Analysis, assessment and control of risk. Product safety (machines and work equipment).

Guards and devices.

Personal protective equipment.

Signaling

Analysis, assessment and control of risk. Other work teams

Mobile and load lifting equipment.

Facilities

Scaffolding and Manual Stairs.

Storage

Fire

Explosions

Electrical Risk

Methodology

The face-to-face classes correspond to an interactive methodology in which the teacher will explain for a few minutes the theory of the subject matter of the study and the students, from these explanations and from the previous preparation they have done, will discuss concrete real situations or laboratory .

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Practical classes	12	0.48	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10

Theoretical classes	32	1.28	3, 1, 2, 4, 9, 5, 7, 11, 10
Type: Supervised			
Tutoring	12	0.48	3, 1, 2, 4, 9, 5, 6, 7, 11, 10
Type: Autonomous			
Research and reading	18	0.72	3, 2, 4, 9, 5, 6, 7, 8, 11, 10
Study	38	1.52	3, 2, 4, 9, 5, 6, 7, 8, 11, 10
Task development	38	1.52	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10

Assessment

RECOVERY

In case of not passing the subject according to the aforementioned criteria (continuous evaluation), a recovery test may be done on the date scheduled in the schedule, and it will cover the entire contents of the program.

To participate in the recovery the students must have been previously evaluated in a set of activities, the weight of which equals a minimum of two thirds of the total grade of the subject. However, the qualification that will consist of the student's file is a maximum of 5-Approved.

Students who need to change an evaluation date must present the justified request by filling in the document that you will find in the moodle space of Tutorial EPSI.

PLAGIARISM

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, before making any irregularity that could lead to a significant variation in the grade of an evaluation act, this evaluation act will be scored with 0 regardless of the disciplinary process that can be instructed. In case there are various irregularities in the evaluation acts of the same subject, the final grade of this subject will be 0 ".

The tests / exams may be written and / or oral at the discretion of the teaching staff

For the exam to have more value you can add a minimum grade to add to the practical part of the continuous assessment. This minimum grade may not exceed 3.5.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Continuous evaluation assestments	50%	0	0	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10
Exams	50%	0	0	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10

Bibliography

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Departament d'empresa i Ocupació.

<http://www20.gencat.cat/portal/site/empresaiocupacio/menuitem.81ac5b6b3cd746a0a6740d63b0c0>