

**Safety in the Workplace**

Code: 104044  
ECTS Credits: 6

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

**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 objectives

Identify and properly assess the risks.  
Know the different preventive disciplines.  
Know the main preventive activities. to eliminate or control the risks.  
Know the differences between an emergency plan and a self-protection p  
Know for each subject the basic 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.

- Typology of risks.
- Accidents / Incidents.
- Investigation of accidents / incidents.
- Risk analysis. Risk evaluation.
- Follow-up of corrective measures.
- Job security.
- Material agents and risk.
- Collective Protection
- Individual Protection EPI.
- Signaling.
- Occupational Hygiene
- Ergonomics
- Psychosociology
- Emergency plans and self-protection

## **Methodology**

The training will be based mainly on the reading of the subject manual.

This will be the basic document to be able to overcome it.

However, a number of reference documents will be presented as supplementary reading during the subject.

Two continuous evaluation tests will be carried out which will include various practical exercises of application of

Two videoconference sessions will also be opened and will have a resolution of doubts, although through other \

By email you can get all the doubts by committing to answer them by maximum of 24 hours.

Tutoring with teachers will be arranged by email.

## Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Directed	6	0.24	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10
Type: Supervised			
Supervised	24	0.96	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10
Type: Autonomous			
Autonomus	120	4.8	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10

## Assessment

Two continuous evaluation tests will be carried out which will include various practical exercises of application of the syllabus.

Two videoconference sessions will also be opened and will have a resolution of doubts, although through other virtual scenarios such as the forum, the signature may be energized during the period that it remains active.

By email you can get all the doubts by committing to answer them by maximum of 24 hours.

Tutoring with teachers will be arranged by email.

Without prejudice to other disciplinary measures deemed appropriate, and in accordance with current academic regulations, irregularities committed by a student that may lead to a variation in the qualification will be rated by a zero. For example, plagiarizing, copying, dropping, ..., an evaluation activity will involve suspending this evaluation activity with a zero. Activities qualified in this way and by this procedure will not be recoverable.

If you do not pass the subject according to the aforementioned criteria (continuous evaluation), a recovery test may be made on the scheduled date of the schedule, and which will deal with the entire contents of the program.

To participate in the recovery 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 grade that will be included

in the student's record is a maximum of 5-Approved.

Students who need to change an evaluation date must submit the request by filling in the document that you will find in the MOODle space of TUTORing EPSI.

Tests/exams may be written and/or oral at the discretion of teachers.

## Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
PEC 1 and PEC2	60%	0	0	3, 1, 2, 4, 9, 5, 6, 7, 8, 11, 10
Theoretical tests and individual practices	40%	0	0	3, 1, 4, 9, 5, 6, 7, 8, 11, 10

## Bibliography

Benavides, Fernando. (1997). Salud Laboral. Conceptos y técnicas para la prevención de riesgos laborales.

Instituto Nacional de Seguridad e Higiene en el Trabajo, Web del Ministerio de Empleo y Seguridad Social, recuperat juliol 2012 a: <http://www.insht.es/portal/site/Insht/>

Departament d'empresa i Ocupació.

<http://www20.gencat.cat/portal/site/empresaiocupacio/menuitem.81ac5b6b3cd746a0a6740d63b0c0e1a0/?vgnex>