

## 68904 - Safety management

### Información del Plan Docente

Academic Year	2016/17
Academic center	102 - Facultad de Derecho
Degree	462 - Master's in Occupational Health and Safety
ECTS	6.0
Course	1
Period	Second semester
Subject Type	Compulsory
Module	---

### 1. Basic info

#### 1.1. Recommendations to take this course

#### 1.2. Activities and key dates for the course

### 2. Initiation

#### 2.1. Learning outcomes that define the subject

#### 2.2. Introduction

### 3. Context and competences

#### 3.1. Goals

#### 3.2. Context and meaning of the subject in the degree

#### 3.3. Competences

#### 3.4. Importance of learning outcomes

### 4. Evaluation

### 5. Activities and resources

#### 5.1. General methodological presentation

##### ORGANIZATION AND PLANNING:

Among the objectives Module Prevention Management, provides students with the theoretical, conceptual and applicative framework on OHSAS 18,001, so that students acquire a solid knowledge that enables him to be able to implement the OHSAS 18001 standard in the company.

##### CONSTRUCTION SECTOR:

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goals

The main objective is to provide students the necessary measures to take and manage everything concerning preventive management in a construction skills.

### AGRICULTURE SECTOR:

Among the objectives Module prevention management, the subject-matter prevention management in the agriculture sector, provides students with the theoretical, conceptual and applicative framework on the various duties and responsibilities as well as measures of preventive management occupational risk.

### ENVIRONMENTAL MANAGEMENT:

The subject and its expected results respond to the following approach and general objectives: the implementation of systems, widespread standardized management, aims to optimize the strategic, productive and support processes required throughout the product life-cycle management.

### PATRIMONIAL SECURITY:

Among the objectives of Module 5 Prevention Management, it is intended that the student knows the risks that have rigged the security guard activity and organizational procedures of the security services.

### TRAFFIC ACCIDENT PREVENTION:

a subject of informative content arises, trying to provide general knowledge on the subject without impact specifically on aspects of technical or scientific disciplines. The aim is to provide an overview of a topic directly related to road safety, the potential to help prevent traffic accidents is systematically wasted.

### ROAD SAFETY:

a subject of informative content arises, trying to provide general knowledge on the subject without impact specifically on aspects of technical or scientific disciplines. The aim is to provide an overview of a subject that, despite its social impact, is generally unknown.

Therefore it is expected that the student, individually, be able to assess the complexity that, at certain times, can acquire the issues related to road safety.

## 5.2.Learning activities

The teaching of this module is developed through lectures and case studies that are taught in the classroom 21 of the Faculty of Law

## 5.3.Program

The program that the student is offered to help you achieve the expected results includes the following activities ...

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**ORGANIZATION AND PLANNING:** It includes the following activities: 1. Conferences Presentation of the agenda items through lectures illustrated with examples applied. The topics covered are: \* OHSAS 18001/2007. Management systems Safety and Health Job. 2. Self-evaluation and learning. In each of the topics covered by the subject responsible teacher draw a series of questions, specific and short development and can also be of type test, whose purpose is that students will internalize the basic contents of the subject. 3. Case Studies. Case studies are intended to place the students to the practical resolution of the problems of the Organization and Management of Prevention from the point of view OHSAS 18.001. 4. Case tutored Students will have to make a case tutored by teachers on "Actions to manage the objectives of preventing a company." **CONSTRUCTION SECTOR:** teachers planned activities Exposure session by Professor, Session for the resolution of practical cases, Session for discussion and exchange of views on the issues raised by Professor Orientation session work or exposure by the teacher through tutoring **AGRICULTURE SECTOR:** 1. Conferences Presentation of the agenda items through lectures illustrated with examples applied. The topics covered are: -Risks Specific in the agricultural sector. -Machinery And most common equipment used in this sector's risks, dangerous operations, control methods and procedures. Chemical agents in agriculture: pesticides, fertilizers. Its risks. Suitable conditions of use and storage. -Risks In handling animals, farms -Risks In the use of fire -Risks In forestry work. 2. Case Studies Case studies are intended to place the students with the accurate and real knowledge of occupational risk management in the agricultural and forestry sector. Specifically two practical cases to be resolved will arise through method

**ENVIRONMENTAL MANAGEMENT:** The proposed methodology is to focus on the more practical aspects of the subject. At the first meeting with the whole group the more theoretical aspects are addressed in the form of master class and complete with descriptions and examples of applications. In the second session, a practice in which the student will learn to document a procedure of an integrated management system, which should provide for continuous evaluation, if any is made. **PATRIMONIAL SECURITY:** 1. Conferences Presentation of the agenda items through lectures illustrated with examples applied. 2. Case Studies. Case studies are intended to place the students to practice solving the problems posed by the management of risks related to safety at work, from detection risk through evaluation of it to end in the elimination or control risk. **TRAFFIC ACCIDENT PREVENTION:** 1. Exposure of theoretical content Presentation of the agenda items through lectures illustrated with examples applied. 2. Case studies Case studies based on real accidents are intended for each student to understand the mechanisms that allowed information about the circumstances leading up to these accidents, their development, their consequences and, as fundamentals, its causes and preventability analysis. **ROAD SAFETY:** 1. Exposure of theoretical content Presentation of the agenda items through lectures illustrated with examples applied. 2. Case studies The case is designed for each student develop their critical vision to concrete situations affecting road safety in the city of Zaragoza. Specifically, work around the deficiencies in road safety posed by bike paths and other derivatives of the future movement of the tram will be addressed.

### 5.4.Planning and scheduling

#### Calendario de sesiones presenciales y presentación de trabajos

EL CALENDARIO OFICIAL SERÁ EL QUE APARECE EN LA PÁGINA WEB DE LA FACULTAD DE DERECHO

#### ORGANIZACIÓN Y PLANIFICACIÓN:

La asignatura consta de 1 crédito ECTS repartidos de la siguiente forma. Clases magistrales 0,4 créditos ECTS Estudio. Trabajo autónomo del estudiante 0,6 crédito ECTS.

La responsabilidad y la impartición de la docencia corresponderán a profesionales y especialistas en materias de Organización y Gestión de la Prevención, con amplia experiencia tanto en esta materia como en la docencia.

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### SECTOR CONSTRUCCIÓN:

Las clases magistrales tendrán 0.20 créditos.

Las clases prácticas de casos y problemas: 0.10 créditos

Seminarios y talleres: 0.10 créditos

Presentación de trabajos: 0.10 créditos

Tutorías: 0.10 créditos

Evaluación: 0.30 créditos

Trabajos del estudiante: 0.10 créditos

### SECTOR AGRICULTURA:

Tipo de actividad: Presencial: N° de horas: 10; Clase Teórica:6 Clase Práctica:4

### GESTIÓN AMBIENTAL:

T1. Introducción a los Sistemas de Gestión (4 horas)

T2. Integración de sistemas de Gestión (2 horas)

T3 (en laboratorio o aula de informática y en grupos reducidos)

P1: Elaboración de un procedimiento de un Sistema de Gestión Integrado (4 horas)

### SEGURIDAD PATRIMONIAL:

Tipo 1. Clase Magistral: 5h

Tipo 6: Trabajos Prácticos (Tutelados)

Tipo 7. Estudio. Trabajo autónomo

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### **PREVENCIÓN ACCIDENTES TRÁFICO:**

La asignatura se impartirá en su totalidad en dos sesiones repartidas en dos días , de 16:00 a 21:00 horas

Presencial 10 h: Clase Teórica 3h. Clase Práctica 6h. Evaluación 1h

### **SEGURIDAD VIAL:**

Presencial 5h. Clase Teórica 4h. Clase Práctica 1h

## **5.5.Bibliography and recommended resources**