

29994 - Safety and Risk Prevention in Industrial Processes

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	436 - Bachelor's Degree in Industrial Engineering Technology 438 - Bachelor's Degree in Telecommunications Technology and Services Engineering 440 - Bachelor's Degree in Electronic and Automatic Engineering 430 - Bachelor's Degree in Electrical Engineering 470 - Bachelor's Degree in Architecture Studies 558 - Bachelor's Degree in Industrial Design and Product Development Engineering 434 - Bachelor's Degree in Mechanical Engineering 476 - 435 - Bachelor's Degree in Chemical Engineering 439 - Bachelor's Degree in Informatics Engineering
ECTS	4.0
Course	---
Period	Indeterminate
Subject Type	Optional
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

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5.1. General methodological presentation

The learning process that is designed for this subject is based on the following:

The proposed methodology seeks to foster continued student work, so after each theoretical topic practical exercises will be carried out.

It aims to promote hands-on learning, so that assistance is advised to theoretical and practical sessions.

5.2. Learning activities

Teaching is developed through lectures, practical exercises and self-assessment and visits to industrial sites classes.

5.3. Program

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

The syllabus of the course is as follows:

regulatory framework in prevention and its application to industrial facilities.

Basic concepts on safety and health at work.

General risks and prevention.

Specific risks in the different activities of the company.

Fire preventions.

Self-protection plans.

Basic elements of management of risk prevention.

First aid.

5.4. Planning and scheduling

Schedule sessions and presentation of works

4 ECTS credits: 100 hours / student.

The distribution of 40 teaching hours will be through the provision of master class theory, development of technical and problem solving cases, at 4 hours / week.

5.5. Bibliography and recommended resources

BB	Cebollada Pras, Fernando. Guía técnica de seguridad para el diseño y utilización de máquinas y equipos de trabajo / Fernando Cebollada Pras . - 1a. ed. Madrid : CIE Dossat 2000, 2001
BB	Cortés Díaz, José María. Técnicas de prevención de riesgos laborales : seguridad e higiene del trabajo / José María Cortés Díaz . - 9ª ed. Madrid : Tébar, 2007
BB	Manual de higiene industrial / [autores, Miguel Ángel Alba Hidalgo ... (et al.)] . - 2ª ed. Madrid : Fundación Mapfre, D.L. 2015
BB	Manual de seguridad en el trabajo / Fundación Mapfre Madrid : Mapfre, D.L.

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- 1992
- BB** Manual sobre seguridad de las máquinas / AENOR [Madrid] : AENOR, D.L. 1995
- BB** Poza, José María de la. Seguridad e higiene profesional : con las normas comunitarias europeas y norteamericanas / José Ma. de la Poza . - 2a. ed Madrid : Paraninfo, 1996
- BB** Storch de Gracia y Asensio, José María. Manual de seguridad industrial en plantas químicas y petroleras : fundamentos, evaluación de riesgos y diseño / J. M. Storch de Gracia Madrid [etc.] : McGraw Hill, D.L. 1998