

Course guides

240810 - 240810 - Occupational Health and Safety Management

Last modified: 02/04/2020

Unit in charge: Barcelona School of Building Construction
Teaching unit: 732 - OE - Department of Management.

Degree: MASTER'S DEGREE IN OCCUPATIONAL HEALTH AND SAFETY (Syllabus 2010). (Compulsory subject).
MASTER'S DEGREE IN OCCUPATIONAL HEALTH AND SAFETY (Syllabus 2016). (Compulsory subject).

Academic year: 2020 **ECTS Credits:** 3.0 **Languages:** Spanish

LECTURER

Coordinating lecturer: Carles Salas Ollé

Others: Profesores invitados para puntos específicos del programa (Ex. Sr. J. Rodríguez Luna: "Integración de Costes en la PRL", Sr. Sebastià Jané "Auditorías en PRL")

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

1. Know the relation between occupational and health safeties.
2. Identify and distinguish the different integration models for the prevention in the management of the company.
3. Recognise and identify the legislation in occupational health and be available to continue the actualizations.
4. Recognise the structure of the prevention system: public organisms and competences and benefit societies, recognise and explain the legislation and specific technical regulations regarding to the occupational security and dispose the sufficient technical knowledge to carry out risk evaluations and set corrective measures in front of general threats related to the work, installations, working devices, fire risk and explosion. Recognise some techniques similar to the prevention: security in the product, management of assets and road security, and recognise the communication techniques regarding to the prevention of occupational risks.
5. Know to act regarding to first aid and promote the responsibility system regarding to the prevention of occupational risks.
6. Know to develop emergency and security plans, make training and information plans assigned to workers, including the detection of needs and establish the evaluating systems and monitoring measures, lay out corrective measures in front of risks of chemical nature, physical or biological; carry out risk evaluations and set out corrective measures related to the physical and mental load at work; make the epidemiologic study design to identify risk factors of occupational nature, apply its basics and manipulation and applications of the main chemical analysis techniques in the hygienic world.
7. Be able to analyse the main health problems related to work.
8. Be able to distinguish between labour accidents, professional diseases and diseases related to work.
9. Be able to promote conducts, habits, consumption and health life styles, with the active participation of the workers as main role of the own health. Be able to promote the preventing culture within the company and the creation of health environments.
10. Be able to recognise action measures in front of emergencies and disasters. Recognise the specific problems in health security at work in sensitive workers such as young and elder workers, disabled people or pregnant women, and identify and recognise the main instrumentation techniques to assess the fatigue and not the comfort at work.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

Type	Hours	Percentage
Hours large group	27,0	36.00
Self study	48,0	64.00

Total learning time: 75 h

CONTENTS

(ENG) -DEFINICIONES BÁSICAS

Full-or-part-time: 1h 30m

Theory classes: 1h 30m

(ENG) -ELEMENTOS DEL SISTEMA DE GESTIÓN. DE LA CALIDAD A LA PREVENCIÓN. CÍRCULO DE MEJORA CONTÍNUA.

Full-or-part-time: 1h 30m

Theory classes: 1h 30m

(ENG) -LA PARTICIPACIÓN Y LA INTEGRACIÓN COMO ELEMENTOS CLAVE

Full-or-part-time: 1h 30m

Theory classes: 1h 30m

(ENG) -NORMATIVA EN PRL (LEY 31/95. RSP 39/97)

Full-or-part-time: 3h

Theory classes: 3h

(ENG) -PLAN DE PREVENCIÓN DE RIESGOS LABORALES (RD. 604/2006): POLÍTICA, FUNCIONES Y RESPONSABILIDADES

Full-or-part-time: 13h

Theory classes: 3h

Self study : 10h

(ENG) -GRUPOS PRINCIPALES DE TRABAJO EN LA GESTIÓN PRL: SPA, SPP, SPM, COMITÉ DE SS, EQUIPOS DE EMERGENCIA, RECURSOS PREVENTIVOS...

Full-or-part-time: 1h 30m

Theory classes: 1h 30m



(ENG) -TÉCNICAS BÁSICAS DE LA PREVENCIÓN: IDENTIFICACIÓN Y EVALUACIÓN DE RIESGOS, FORMACIÓN E INFORMACIÓN, COORDINACIÓN EMPRESARIAL

Full-or-part-time: 3h
Theory classes: 3h

(ENG) -TÉCNICAS BÁSICAS DE LA PREVENCIÓN: COMUNICACIÓN DE RIESGOS E INSTRUCCIONES, MEDIDAS DE EMERGENCIA.

Full-or-part-time: 1h 30m
Theory classes: 1h 30m

(ENG) -TÉCNICAS BÁSICAS DE LA PREVENCIÓN: INSPECCIONES DE SEGURIDAD Y OBSERVACIONES DE TRABAJO, INVESTIGACIONES DE ACCIDENTES

Full-or-part-time: 1h 30m
Theory classes: 1h 30m

(ENG) -CONTROL DE LA EFICACIA PREVENTIVA: AUDITORÍAS INTERNAS Y EXTERNAS

Full-or-part-time: 2h
Theory classes: 2h

(ENG) -CRITERIOS DEL INSHT PARA LA REALIZACIÓN DE AUDITORÍAS

Full-or-part-time: 10h 30m
Theory classes: 0h 30m
Self study : 10h

(ENG) -ESTÁNDARES PARA SISTEMAS DE GESTIÓN DE LA PRL. NORMAS OHSAS 18001 Y OTRAS.

Full-or-part-time: 0h 30m
Theory classes: 0h 30m

(ENG) -EVALUACIÓN DE LOS RESULTADOS DE UN SISTEMA DE GESTIÓN. LA MEDICIÓN DE LOS INTANGIBLES.

Full-or-part-time: 0h 30m
Theory classes: 0h 30m

(ENG) -APLICACIÓN DEL SISTEMA BOUNDS

Full-or-part-time: 0h 30m
Theory classes: 0h 30m



(ENG) -COSTE/BENEFICIO DE LA PRL. INTEGRACIÓN DEL CÁLCULO DE COSTES EN LA PRL.

Full-or-part-time: 1h

Theory classes: 1h

ACTIVITIES

Develop prevention plan

Full-or-part-time: 13h

Theory classes: 3h

Laboratory classes: 10h

Develop an audit plan

Full-or-part-time: 10h 12m

Theory classes: 0h 12m

Laboratory classes: 10h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

- Rubio Romero, Juan Carlos. Gestión de la prevención de riesgos laborales : OSHAS 18001 - directrices OIT para su integración con calidad y medioambiente. Madrid: Díaz de Santos, cop. 2002. ISBN 847978525X.
- Gómez Etxebarria, Genaro. Gestión de la prevención : supuestos prácticos. Valencia: CISS, cop. 2008. ISBN 9788482357188.
- Bestratén Belloví, Manuel; Marrón Vidal, Miguel Angel. Gestión de la prevención de riesgos laborales en la pequeña y mediana empresa. 2ª ed. Madrid: Instituto Nacional de Seguridad e Higiene en el Trabajo, DL 2005. ISBN 8474256941.
- Bestratén, M. et al. Manual de procedimientos de prevención de riesgos laborales : Guía de elaboración [on line]. Madrid: Instituto Nacional de Seguridad e Higiene en el Trabajo, 2013 [Consultation: 02/12/2013]. Available on: http://www.insht.es/InshtWeb/Contenidos/Documentacion/TextosOnline/Guias_Ev_Riesgos/Manual_Proced_Prev_Riesgos/Manual_procedimientos.pdf.