Course guides

240814 - 240814 - Workplace Epidemiology

Unit in charge: Barcelona School of Building Construction
Teaching unit: 1039 - UPF - Universitat Pompeu Fabra.
Degree: MASTER'S DEGREE IN OCCUPATIONAL HEALTH AND SAFETY (Syllabus 2016). (Compulsory subject).
Academic year: 2020
ECTS Credits: 3.0
Languages: Catalan, Spanish

LECTURER

Coordinating lecturer: MIREIA UTZET SADURNI
Others: MIREIA UTZET SADURNI

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
1. Know the relation between occupational and health safeties.
2. Know the main investigation techniques in labour health. The toxicology basics applied to the contaminants in the occupational field and the technical solutions for the design and evaluation of the ventilation systems.
3. 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.
4. Be able to analyse the main health problems related to work.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Self study</td>
<td>48,0</td>
<td>64.00</td>
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<tr>
<td>Hours large group</td>
<td>27,0</td>
<td>36.00</td>
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Total learning time: 75 h

CONTENTS

(ENG) -PRESENTACIÓ I OBJECTIUS. L'EPIDEMIOLOGIA I LA INVESTIGACIÓ CIENTÍFICA.

Full-or-part-time: 1h 30m
Theory classes: 1h 30m
**ENG) - DISSENYS BÀSICS D’INVESTIGACIÓ EPIDEMIOLÒGICA**

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

**ENG) - SEMINARI DESIGNS**

Description:
(ENG) - SEMINARI DESIGNS

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

title english

Description:
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Theory classes: 1h 30m

grading system

bibliography

basic: