Course guides
220243 - 220243 - Smart Buildings

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 758 - EPC - Department of Project and Construction Engineering.
Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Optional subject).
Academic year: 2020 ECTS Credits: 5.0 Languages: Catalan, English, Spanish

LECTURER

Coordinating lecturer: Casals Casanova, Miquel
Others: Tejedor Herran, Blanca

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
2. Proper knowledge for the design, construction and management of buildings and their surroundings, especially in the field of industrial engineering.
4. Acquire the knowledge necessary for the design, implementation, verification and control of facilities, infrastructure and urban development in the field of industrial engineering.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>24.00</td>
</tr>
<tr>
<td>Self study</td>
<td>80,0</td>
<td>64.00</td>
</tr>
<tr>
<td>Hours small group</td>
<td>15,0</td>
<td>12.00</td>
</tr>
</tbody>
</table>

Total learning time: 125 h

CONTENTS

(ENG) Introducció als conceptes d'edificis intel·ligents

Full-or-part-time: 35h
Theory classes: 10h
Laboratory classes: 5h
Self study: 20h
### title english

**Description:**
content english

**Specific objectives:**
objective english

**Related activities:**
activity english

**Full-or-part-time:** 45h
- Theory classes: 10h
- Laboratory classes: 5h
- Self study: 30h

### title english

**Description:**
content english

**Specific objectives:**
objective english

**Related activities:**
activity english

**Full-or-part-time:** 45h
- Theory classes: 10h
- Laboratory classes: 5h
- Self study: 30h

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**GRADING SYSTEM**

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**EXAMINATION RULES.**

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**BIBLIOGRAPHY**

**Basic:**