240EM021 - Control, Verification and Audits

Coordinating unit: 295 - EEBE - Barcelona East School of Engineering
Teaching unit: 702 - CMEM - Department of Materials Science and Metallurgy
Academic year: 2018
Degree: MASTER'S DEGREE IN MATERIALS SCIENCE AND ENGINEERING (Syllabus 2014). (Teaching unit Compulsory)
MASTER'S DEGREE IN MATERIALS SCIENCE AND ENGINEERING (Syllabus 2014). (Teaching unit Compulsory)
ECTS credits: 3  Teaching languages: Spanish

Teaching staff
Coordinator: Mateo Garcia, Antonio Manuel
Others: Anglada Gomila, Marcos Juan
Maspoch Ruldua, Maria Lluïsa

Degree competences to which the subject contributes

Specific:
CEMCEM-09. (ENG) Dirigir i organitzar empreses, així com sistemes de producció i serveis, aplicant coneixements i capacitats de organització industrial, estratègia comercial, planificació i logística, legislació mercantil i laboral, contabilitat financera i de costos

Transversal:
01 EIN N2. ENTREPRENEURSHIP AND INNOVATION - Level 2. Taking initiatives that give rise to opportunities and to new products and solutions, doing so with a vision of process implementation and market understanding, and involving others in projects that have to be carried out.
02 SCS N2. SUSTAINABILITY AND SOCIAL COMMITMENT - Level 2. Applying sustainability criteria and professional codes of conduct in the design and assessment of technological solutions.
06 URI N2. EFFECTIVE USE OF INFORMATION RESOURCES - Level 2. Designing and executing a good strategy for advanced searches using specialized information resources, once the various parts of an academic document have been identified and bibliographical references provided. Choosing suitable information based on its relevance and quality.

Learning objectives of the subject
-
## 240EM021 - Control, Verification and Audits

### Study load

<table>
<thead>
<tr>
<th>Description</th>
<th>Hours large group</th>
<th>Hours medium group</th>
<th>Hours small group</th>
<th>Guided activities</th>
<th>Self study</th>
<th>Total learning time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18h</td>
<td>0h</td>
<td>9h</td>
<td>0h</td>
<td>48h</td>
<td>75h</td>
</tr>
</tbody>
</table>

### Content

<table>
<thead>
<tr>
<th>Title</th>
<th>Description</th>
<th>Learning time</th>
</tr>
</thead>
</table>
| title english | content english | Learning time: 6h  
Practical classes: 4h  
Laboratory classes: 2h |
| NDT | content english | Learning time: 10h  
Practical classes: 6h  
Laboratory classes: 4h |
| title english | content english | Learning time: 9h  
Practical classes: 6h  
Laboratory classes: 3h |
| title english | content english | Learning time: 3h  
Practical classes: 3h |
Bibliography

Basic:
