240AU444 - Hybrid Vehicles

Coordinating unit: 240 - ETSEIB - Barcelona School of Industrial Engineering
Teaching unit: 710 - EEL - Department of Electronic Engineering
709 - DEE - Department of Electrical Engineering
724 - MMT - Department of Heat Engines

Academic year: 2019
Degree: MASTER'S DEGREE IN AUTOMOTIVE ENGINEERING (Syllabus 2012). (Teaching unit Optional)
MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Teaching unit Optional)
ECTS credits: 3

Teaching staff

Coordinator: Alvarez Florez, Jesus Andres

Others: Bosch Tous, Ricardo
        Moreno Eguilaz, Juan Manuel

Degree competences to which the subject contributes

Specific:
CEAU9. Plan, monitor and control the development of new products, applying knowledge of marketing, technology and concurrent engineering

General:
CGAU1. Ability to apply appropriate knowledge of mathematical aspects, analytical, scientific, instrumental, technological and management, the resolution of the problems of the automotive
CGAU2. Conceive, design, calculate and design processes, equipment, facilities and plants related to the design and manufacture of vehicles and their systems

Transversal:
CT4. EFFECTIVE USE OF INFORMATION RESOURCES: Managing the acquisition, structuring, analysis and display of data and information in the chosen area of specialisation and critically assessing the results obtained.

Learning objectives of the subject

Study load

<table>
<thead>
<tr>
<th>Total learning time: 75h</th>
<th>Hours large group: 27h</th>
<th>36.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self study: 48h</td>
<td></td>
<td>64.00%</td>
</tr>
</tbody>
</table>
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## Content

| title english | Learning time: 1h  
<table>
<thead>
<tr>
<th></th>
<th>Practical classes: 1h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>content english</td>
</tr>
</tbody>
</table>

## Planning of activities

| name english | Hours: 2h  
|             | Laboratory classes: 2h |
|             |                      |
| name english | Hours: 2h  
|             | Laboratory classes: 2h |
|             |                      |
| name english | Hours: 6h  
|             | Practical classes: 6h |
|             |                      |
| name english | Hours: 20h 48m  
|             | Practical classes: 20h 48m |
|             |                      |
| name english | Hours: 20h 48m  
|             | Practical classes: 20h 48m |
|             |                      |
| name english | Hours: 20h 48m  
|             | Practical classes: 20h 48m |
Bibliography

Basic:


Others resources:

Audiovisual material

Nom recurs
Resource

Nom recurs
Resource