295401 - DIN - Dynamics

Coordinating unit: 295 - EEBE - Barcelona East School of Engineering
Teaching unit: 729 - MF - Department of Fluid Mechanics
Academic year: 2019
Degree: BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
ECTS credits: 6
Teaching languages: Catalan, Spanish, English

Teaching staff

Coordinator: DAVID SÁNCHEZ MOLINA
Others: Primer quadrimestre:
SILVIA GARCIA VILANA - M11, M12, M13, M14, M15, M16
DAVID SÁNCHEZ MOLINA - M15, M16, T21, T22, T23

Requirements

SISTEMES MECÀNICS - Prerequisite

Degree competences to which the subject contributes

Specific:
CEMEC-20. Calculate the characteristics of, design and test machines.

Transversal:
05 TEQ N1. TEAMWORK - Level 1. Working in a team and making positive contributions once the aims and group and individual responsibilities have been defined. Reaching joint decisions on the strategy to be followed.
07 AAT N1. SELF-DIRECTED LEARNING - Level 1. Completing set tasks within established deadlines. Working with recommended information sources according to the guidelines set by lecturers.
04 COE N1. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 1. Planning oral communication, answering questions properly and writing straightforward texts that are spelt correctly and are grammatically coherent.
03 TLG. THIRD LANGUAGE. Learning a third language, preferably English, to a degree of oral and written fluency that fits in with the future needs of the graduates of each course.

Learning objectives of the subject

.
295401 - DIN - Dynamics

Study load

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 45h</th>
<th>30.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hours medium group: 0h</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>Hours small group: 15h</td>
<td>10.00%</td>
</tr>
<tr>
<td></td>
<td>Guided activities: 0h</td>
<td>0.00%</td>
</tr>
<tr>
<td></td>
<td>Self study: 90h</td>
<td>60.00%</td>
</tr>
</tbody>
</table>

Content

<table>
<thead>
<tr>
<th>title english</th>
<th>Learning time: 153h</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Theory classes: 30h</td>
</tr>
<tr>
<td></td>
<td>Practical classes: 15h</td>
</tr>
<tr>
<td></td>
<td>Guided activities: 15h</td>
</tr>
<tr>
<td></td>
<td>Self study: 93h</td>
</tr>
</tbody>
</table>

Description:
content english

Related activities:

Specific objectives:

Bibliography

Basic:

Others resources: