Course guides
295401 - DIN - Dynamics

Unit in charge: Barcelona East School of Engineering
Teaching unit: 729 - MF - Department of Fluid Mechanics.
Degree: BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (Syllabus 2009). (Compulsory subject).
Academic year: 2021 ECTS Credits: 6.0 Languages: Catalan, Spanish, English

LECTURER
Coordinating lecturer: DAVID SÁNCHEZ MOLINA
Others:
Primer quadrimestre:
SILVIA GARCIA VILANA - M11, M12, M13, M14, M15, M16
NOEL SÁNCHEZ MOLINA - T21, T22, T23, T24
DAVID SÁNCHEZ MOLINA - M15, M16, T21, T22, T23, T24

Segon quadrimestre:
SILVIA GARCIA VILANA - M11, M12, M13
NOEL SÁNCHEZ MOLINA - T11, T12, T13
DAVID SÁNCHEZ MOLINA - M11, T11, T12, T13

REQUIREMENTS
SISTEMES MECÀNICS - Prerequisit

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.

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>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>45,0</td>
<td>30.00</td>
</tr>
<tr>
<td>Hours small group</td>
<td>15,0</td>
<td>10.00</td>
</tr>
</tbody>
</table>

**Total learning time:** 150 h

CONTENTS

<table>
<thead>
<tr>
<th>title english</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
</tr>
<tr>
<td>content english</td>
</tr>
</tbody>
</table>

Related objectives:

Related activities:

Related competencies:

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.

**Full-or-part-time:** 153h

- Theory classes: 30h
- Practical classes: 15h
- Guided activities: 15h
- Self study: 93h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:

RESOURCES

Other resources: