Course guide
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: 2023  ECTS Credits: 6.0  Languages: Spanish

LECTURER

Coordinating lecturer: DAVID SÁNCHEZ MOLINA

Primer quadrimestre:

Others:
Primer quadrimestre:
RODRIGO ESTEBAN ALVA BAÑUELOS - Grup: T13
IGNASI DE POUPLANA SARDÀ - Grup: T11, Grup: T12
DANIEL DI CAPUA - Grup: M11, Grup: M12

Segon quadrimestre:
IGNASI DE POUPLANA SARDÀ - Grup: M13, Grup: M14, Grup: T11, Grup: T12
SILVIA GARCIA VILANA - Grup: M11, Grup: M12, Grup: M13, Grup: M14, Grup: M15, Grup: M16
RAFAEL PACHECO BLAZQUEZ - Grup: M11, Grup: M12, Grup: M15, Grup: M16
DAVID SÁNCHEZ MOLINA - Grup: T11, Grup: T12, Grup: T13

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.
TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

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<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Hours small group</td>
<td>15.0</td>
<td>10.00</td>
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<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>
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Total learning time: 150 h

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<tr>
<td>Specific objectives:</td>
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<td>Related competencies:</td>
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<td>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.</td>
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<tr>
<td>Full-or-part-time: 153h</td>
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<td>Theory classes: 30h</td>
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<td>Practical classes: 15h</td>
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<td>Guided activities: 15h</td>
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<td>Self study: 93h</td>
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GRADING SYSTEM

BIBLIOGRAPHY

Basic:
RESOURCES

Other resources: