Course guides
820464 - SCMFTTCM - Computational Fluid Mechanics and Heat Transfer

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). (Optional subject).
BACHELOR'S DEGREE IN ENERGY ENGINEERING (Syllabus 2009). (Optional subject).
BACHELOR'S DEGREE IN MATERIALS ENGINEERING (Syllabus 2010). (Optional subject).

Academic year: 2020    ECTS Credits: 6.0    Languages: Spanish

LECTURER

Coordinating lecturer: Javier Príncipe
Joan Grau Barceló
Ricardo Torres Cámara

Others: Javier Príncipe
Joan Grau Barceló
Ricardo Torres Cámara

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>20.00</td>
</tr>
<tr>
<td>Hours small group</td>
<td>30,0</td>
<td>20.00</td>
</tr>
<tr>
<td>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
</tbody>
</table>

Total learning time: 150 h

CONTENTS

(ENG) - TEMA 1. INTRODUCCIÓN

(ENG) - TEMA 2. MODELOS MATEMÁTICOS

(ENG) - TEMA 3. ANÁLISIS DEL COMPORTAMIENTO DINÁMICO