340078 - DIAO-D5O17 - Computer-Aided Design

Coordinating unit: 340 - EPSEVG - Vilanova i la Geltrú School of Engineering
Teaching unit: 717 - EGE - Department of Engineering Presentation
Academic year: 2015
Degree: BACHELOR'S DEGREE IN INDUSTRIAL DESIGN AND PRODUCT DEVELOPMENT ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
ECTS credits: 6
Teaching languages: Catalan, Spanish

Teaching staff
Coordinator: LÓPEZ MEMBRILLA, DOLORES
Others: Departament 712-EM: Maurici Sivatte, Joan Soler, Ingrid Magnusson.
Departament 717-EGE: Manel L. Membrilla, Dolors López, Alba Torras.
Departament 737-RMEE: Marta Musté, Elsa Pérez.

Degree competences to which the subject contributes
Specific:
5. D7. Ability to simulate and design mechanisms as a solution for specific mechanical problems.

Transversal:
1. EFFECTIVE USE OF INFORMATION RESOURCES - Level 3. Planning and using the information necessary for an academic assignment (a final thesis, for example) based on a critical appraisal of the information resources used.
2. TEAMWORK - Level 3. Managing and making work groups effective. Resolving possible conflicts, valuing working with others, assessing the effectiveness of a team and presenting the final results.
3. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 3. Communicating clearly and efficiently in oral and written presentations. Adapting to audiences and communication aims by using suitable strategies and means.
4. SELF-DIRECTED LEARNING - Level 3. Applying the knowledge gained in completing a task according to its relevance and importance. Deciding how to carry out a task, the amount of time to be devoted to it and the most suitable information sources.

Learning objectives of the subject
340078 - DIAO-D5O17 - Computer-Aided Design

Study load

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 30h</th>
<th>20.00%</th>
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<tbody>
<tr>
<td></td>
<td>Hours medium group: 0h</td>
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<tr>
<td></td>
<td>Hours small group: 30h</td>
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<td></td>
<td>Guided activities: 0h</td>
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<tr>
<td></td>
<td>Self study: 90h</td>
<td>60.00%</td>
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<thead>
<tr>
<th>Content</th>
<th>Learning time: 10h</th>
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<tbody>
<tr>
<td>(ENG) -3. RENDER PROFESIONAL EN 3D</td>
<td>Theory classes: 10h</td>
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<tr>
<td>(ENG) -7. PRÁCTICAS DE LABORATORIO</td>
<td>Theory classes: 10h</td>
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<td>(ENG) 8. ACTIVIDAD NO PRESENCIAL</td>
<td>Theory classes: 10h</td>
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<td>(ENG) PRACTICAS DE LABORATORIO</td>
<td>Laboratory classes: 30h</td>
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<tr>
<td>(ENG) ACTIVITAT DE TREBALL PRÀCTIC EN GRUP</td>
<td>Guided activities: 90h</td>
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Bibliography

Basic:


Complementary:
