In this course students will learn about highly topical R&D projects for Universities and the Industry.

### Teaching staff

**Coordinator:** Oriol Lordan  
**Others:** Aitor Martin

### Teaching methodology

The course is developed through lectures including theoretical sessions imparted with the aid of powerpoint presentations and more applicative and more visual sessions with videos, stellar catalogues and/or simulations.

### Learning objectives of the subject

In this course students will learn about highly topical R&D projects for Universities and the Industry.

### Study load

<table>
<thead>
<tr>
<th>Total learning time: 75h</th>
<th>Hours large group: 30h</th>
<th>40.00%</th>
<th>Self study: 45h</th>
<th>60.00%</th>
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<tbody>
<tr>
<td>220146 - Uav Research &amp; Development Project</td>
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</table>

**Coordinating unit:** 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering  
**Teaching unit:** 732 - OE - Department of Management  
**Academic year:** 2017  
**Degree:**  
- BACHELOR’S DEGREE IN AEROSPACE VEHICLE ENGINEERING (Syllabus 2010). (Teaching unit Optional)  
- BACHELOR’S DEGREE IN AEROSPACE TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Optional)  
**ECTS credits:** 3  
**Teaching languages:** English
## Content

<table>
<thead>
<tr>
<th>Module 1: UAV Industry needs</th>
<th>Learning time: 35h</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Theory classes: 15h</td>
</tr>
<tr>
<td></td>
<td>Self study: 20h</td>
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</table>

**Description:**
Understanding the UAV Industry needs

**Related activities:**
Activity 1
Activity 2

<table>
<thead>
<tr>
<th>Module 2: UAV future guidelines</th>
<th>Learning time: 40h</th>
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<tbody>
<tr>
<td></td>
<td>Theory classes: 15h</td>
</tr>
<tr>
<td></td>
<td>Self study: 25h</td>
</tr>
</tbody>
</table>

**Description:**
Understanding the future of UAVs and its impact on other industries

**Related activities:**
Activity 3
Activity 4

## Qualification system

The final grade depends on the following assessment criteria:

Activity 1, weight: 25 %
Activity 2, weight: 25 %
Activity 3, weight: 25 %
Activity 4, weight: 25 %

## Bibliography