220146 - Uav Research & Development Project

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 TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Optional)
BACHELOR'S DEGREE IN AEROSPACE VEHICLE ENGINEERING (Syllabus 2010). (Teaching unit Optional)
ECTS credits: 3

Teaching languages: English

Teaching staff
Coordinator: Oriol Lordan

Teaching methodology
The course is develops 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:</th>
<th>30h</th>
<th>40.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Self study:</td>
<td>45h</td>
<td>60.00%</td>
</tr>
</tbody>
</table>
## Content

### Module 1: UAV Industry needs

**Learning time:** 35h  
- Theory classes: 15h  
- Self study: 20h  

**Description:**  
Understanding the UAV Industry needs  

**Related activities:**  
Activity 1  
Activity 2

### Module 2: UAV future guidelines

**Learning time:** 40h  
- Theory classes: 15h  
- Self study: 25h  

**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 %

As there are no written tests, there won't be any exam to retake.

## Bibliography