

Información del Plan Docente

Academic Year	2017/18
Faculty / School	175 - Escuela Universitaria Politécnica de La Almunia
Degree	424 - Bachelor's Degree in Mechatronic Engineering
ECTS	6.0
Year	1
Semester	Second semester
Subject Type	Basic Education
Module	---

1.General information**1.1.Introduction****1.2.Recommendations to take this course****1.3.Context and importance of this course in the degree****1.4.Activities and key dates****2.Learning goals****2.1.Learning goals****2.2.Importance of learning goals****3.Aims of the course and competences****3.1.Aims of the course****3.2.Competences****4.Assessment (1st and 2nd call)****4.1.Assessment tasks (description of tasks, marking system and assessment criteria)****5.Methodology, learning tasks, syllabus and resources****5.1.Methodological overview**

The learning process that is designed for this subject is based on the following:

The subject consists of 6 ECTS credits, which represents 150 hours of student work on the subject during the semester. 40% of this work (60 h .) Will take place in the classroom, and the rest will be autonomous . One semester consist of 15 teaching weeks . To make the timing is used to measure the school week , in which the student must devote to the study of the subject 10 hours.

5.2.Learning tasks

The program includes the following activities:

- Theoretical classes: theoretical activities so fundamentally expository given by the teacher .
- Practical classes: practical discussion activities and conducting exercises conducted in the classroom and requiring high student participation.
- Laboratory Practice : Practical activities in laboratories.
- Group tutorials .
- individual tutoring .

5.3.Syllabus

The program of the subject includes six topics:

- I. Electrostatics
- II . Magnetisms
- III . mechanical waves
- IV . Optics

5.4.Course planning and calendar

Planning for weeks about the subject is as follows:

Week1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TopicI	I	I	I	II	II	II	II	III	III	III	IV	IV	IV	R
Exams			1º					2º					3º	

5.5.Bibliography and recommended resources

Resources:

Students will have the Moodle virtual platform where you will find notes, powerpoint slides , corollary of exercise, laboratory practices manuals and any other material.

Bibliography

THE UPDATED BIBLIOGRAPHY OF THE SUBJECT CAN BE CONSULTED THROUGH THE LIBRARY WEB PAGE
<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>

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- BC** Burbano de Ercilla, Santiago. Física general. Tomo 1, Estática, cinemática y dinámica / Santiago Burbano de Ercilla, Enrique Burbano García, Carlos Gracia Muñoz. - 32ª ed. Madrid : Tébar, D.L. 2006
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