

30051 - Vehicle Design and Architecture

Syllabus Information

Academic Year: 2020/21

Subject: 30051 - Vehicle Design and Architecture

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 436 - Bachelor's Degree in Industrial Engineering Technology

ECTS: 6.0

Year: 4

Semester: First semester

Subject Type: Optional

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

4.2.Learning tasks

4.3.Syllabus

The course will address the following topics:

Basic typology of vehicles

Vehicle dynamics and design of the main subsystems

Safety systems: primary safety and secondary safety

Automotive regulations

Software for vehicle design

4.4.Course planning and calendar

4.5.Bibliography and recommended resources

Link:

http://biblos.unizar.es/br/br_citas.php?codigo=30051&year=2019