

29744 - Vehicle Design and Architecture

Información del Plan Docente

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| Academic Year | 2016/17 |
| Academic center | 110 - Escuela de Ingeniería y Arquitectura |
| Degree | 434 - Bachelor's Degree in Mechanical Engineering |
| ECTS | 6.0 |
| Course | 4 |
| Period | First semester |
| Subject Type | Optional |
| Module | --- |

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

5.2.Learning activities

5.3.Program

- Basic typology of vehicles
- Vehicle dynamics and design of main subsystems
- Safety systems: primary safety and secondary safety
- Automotive regulations
- Software for vehicle design

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5.4.Planning and scheduling

5.5.Bibliography and recomended resources