

Bachelor Thesis

Academic Year: (2019 / 2020)

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Department assigned to the subject: Bioengineering and Aerospace Engineering Department, Mechanical Engineering

Coordinating teacher: IGLESIAS MARTINEZ, JOSE ANTONIO

Type: Bachelor Thesis ECTS Credits : 12.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

All compulsory subjects of the Degree except those ones that are simultaneous with the BT.

OBJECTIVES

Generic and Transversal Outcomes:

- Ability to analyze and synthesise
- Ability to organize and schedule
- Capacity for abstraction and deduction.
- Troubleshooting
- Ability to apply knowledge
- Ability to communicate the results of technical work in oral and written form

Specific Outcomes:

- Use a combination of general and specialized knowledge of Aerospace Engineering for application of existing and emerging technologies
- Apply appropriate theoretical and practical methods to analyze and solve engineering problems
- Demonstrate a personal commitment to professional standards, recognizing obligations to society, the profession and the environment
- Develop and carry out projects of Aerospace Engineering using the principles and methods of engineering

Attitudinal Outcomes:

- Ability to generate new ideas (creativity)
- Critical attitude towards current knowledge
- Concern for quality
- Will to succeed
- Interest to investigate and find solutions to new problems related to Aerospace Engineering.

DESCRIPTION OF CONTENTS: PROGRAMME

- Presentation of work items
- Collection and analysis of information for the BT
- Development of BT
- Development of report and public defense of BT

LEARNING ACTIVITIES AND METHODOLOGY

Learning activities, methodology and tutorships will be organized according to the rules specified by the University and the EPS.

More information:

<http://www.uc3m.es/ss/Satellite/SecretariaVirtual/es/TextoMixta/1371210936260/>

ASSESSMENT SYSTEM

Formative evaluation will be conducted through committees that will evaluate the work of the BT of each student individually.

It will take into account the students' work in the BT and presenting it in the final marks.

The global mark will take into account both aspects. A rubric will be used to evaluate the different aspects of the Bachelor Thesis.

The University uses the Turnitin Feedback Studio program within the Aula Global for the delivery of student work. This program compares the originality of the work delivered by each student with millions of electronic resources and detects those parts of the text that are copied and pasted. If the student has correctly made the appointment and the bibliographic reference of the documents he uses as a source, Turnitin will not mark it as plagiarism.

BASIC ELECTRONIC RESOURCES

- Library - UC3M . TFG Paso a Paso: <http://uc3m.libguides.com/TFG>

- Library - UC3M . Turnitin: <https://uc3m.libguides.com/c.php?g=666632&p=4726190>

target="_blank"><https://uc3m.libguides.com/c.php?g=666632&p=4726190>

- Virtual Secretariat . Final Degree Project:

https://www.uc3m.es/ss/Satellite/SecretariaVirtual/en/TextoMixta/1371210936260/Trabajo_de_Fin_de_Grado