

Professional Internships

Academic Year: (2024 / 2025)

Review date: 12-02-2024

Department assigned to the subject: Physics Department

Coordinating teacher: TRIBALDOS MACIA, VICTOR

Type: Electives ECTS Credits : 12.0

Year : Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

It is required to have passed 110 ECTS.

SKILLS AND LEARNING OUTCOMES

CG3. Solve problems with initiative, decision making, creativity, and communicate and transmit knowledge, skills and abilities, understanding the ethical, social and professional responsibility of the engineering activity. Capacity for leadership, innovation and entrepreneurial spirit.

CT1. Work in multidisciplinary and international teams as well as organize and plan work making the right decisions based on available information, gathering and interpreting relevant data to make judgments and critical thinking within the area of study.

CT2. Present and write a topic correctly or compose a speech in a logical order, providing accurate information in accordance with established grammatical and lexical rules.

CT3. Assess the reliability and quality of information and its sources using such information in an ethical manner, avoiding plagiarism, and in accordance with academic and professional conventions in the field of study.

CT5. Handle interpersonal skills about initiative and responsibility, negotiation, emotional intelligence, etc. as well as calculation tools that allow to consolidate the basic technical skills that are required in any professional environment.

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RA4. To be able to successfully manage themselves in the complex situations that might arise in their academic or professional fields of study and that might require the development of novel approaches or solutions.

RA5. To be able to communicate, in a precise and clear manner, knowledge, methodologies, ideas, problems and solutions in their field or specialty to any kind of audience (specialist or not).

DESCRIPTION OF CONTENTS: PROGRAMME

As content is understood all those activities carried out by students in companies, entities and organizations, which aim to provide a practical complement (or academic-practical complement) to academic training provided that such activity is related to their academic training and their possible career opportunities.

In particular, the training objective of the practice will necessarily include the following aspects:

- Tasks to be developed by the student.
- Knowledge that the student will acquire.
- If the student will participate in design, planning or development tasks.
- Within which projects or areas will the practices be framed.

- Tools that will be used.

LEARNING ACTIVITIES AND METHODOLOGY

The student will have a tutor in the company, who will direct, guide and supervise the activities of the practice.

There will also be an academic tutor at Uc3m who will be informed about the progress of the practice and will provide support to the student if necessary. The academic tutor will carry out the tutorials that he or she considers necessary and will also grade the student.

Practical Work: 11 ECTS = 330 hours of internship in the company.

Theoretical Work: 1 ECTS = 30 hours to make a report of the work done during the internships in the company.

ASSESSMENT SYSTEM

The evaluation system includes the evaluation of the activities carried out during the internship in the company. For this, the following elements will be used:

- Report of the tutor in the company: The academic tutor of the Uc3m will request this report from the tutor of the company.
- Student report: of the work done during the practice. The student will do it according to the instructions published in Aula Global to which he or she will have access once enrolled in the subject.

Both elements will give a 100% rating.

The academic tutor at UC3M, based on the above documents, will assess the work according to the form established for this purpose.

Students who do not present the report will be rated as NOT SUBMITTED. The Tutor must send the assessment record with this grade.

If the student gives up the practice for which the subject has been validated and enrolled without having reached enough number of hours to pass the subject, he or she will be graded as NOT SUBMITTED because will not be able to present the report.