Universidad Zaragoza

Year : 2019/20

66436 - Internships 1

Syllabus Information

Academic Year: 2019/20
Subject: 66436 - Internships 1
Faculty / School: 110 - Escuela de Ingeniería y Arquitectura
Degree: 536 - Master's in Mechanical Engineering
ECTS: 4.5
Year: 1
Semester: Indeterminado
Subject Type: ---
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

The methodology followed in this course is oriented towards achievement of the learning objectives. It is based on an active methodology in which the students participates in the activities of the internship entity. In this way, the student assumes an active role in his/her training through personal research, direct contact with reality, and experiences as part of a work group. All of this encourages:

- A strong motivation for the student.
- A gradual increase in confronting difficulty
- A connection between theoretical abstraction and practical reality
- Self-detection of errors
- Student autonomy
- Acquisition of abilities and skills for information search and for research

4.2.Learning tasks

The course includes the following learning tasks:

- Internship activities (during working time, adapted to the circumstances of the collaborating entity and the student).
- Follow-up by the tutor in the collaborating entity
- Personalised tutorial sessions with the academic supervisor.

- Autonomous work of the student for the elaboration of an intermediate report, a final report and the preparation of a presentation.

4.3.Syllabus

The schedule for the internship shall be established in consensus between the collaborating entity and the academic tutor. It shall be detailed in the Formative Project, following the instructions of section 3.2.

In accordance with current regulation, the internship shall be assessed as 25 hours per academic credit, up to a maximum of 500 hours of internships per academic year.

Notwithstanding, in accordance with the verification report of the Master's in Industrial Engineering, and also considering its duration, the internship courses offered as part of this degree are:

Code	Name	Workload (duration)
66436	Prácticas externas 1	4.5 ECTS (112.5 hours)
66437	Prácticas externas 2	9 ECTS (225 hours)

Notes:

1. *These codes allow for different registration scenarios that can occur depending on whether internships are carried out once, during different academic years, or during different moments along the same academic year.*
2. *Courses with identical workload shall be registered consecutively.*

4.4.Course planning and calendar

Optional internship courses of this Master's can total a maximum of 9 ECTS. The distribution of the workload shall be agreed between the collaborating entity and the student. As a guideline, it should consider the following activities:

- Work in the collaborating entity where the internship is carried out,
- Personalised tutorials with the academic supervisor,
- Evaluation tests, presentation and defense of the report,
- Autonomous work by the student for the elaboration of an intermediate report, the final report and the preparation of a presentation.

The calendar of activities shall also be agreed between the collaborating entity and the student, with the approval of the academic supervisor, depending on the formative project.

4.5.Bibliography and recommended resources