

**COURSE DATA****Data Subject**

<b>Code</b>	34945
<b>Name</b>	Company internships
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	12.0
<b>Academic year</b>	2023 - 2024

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. Period year</b>
1404 - Degree in Industrial Electronic Engineering	School of Engineering	4 Annual

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1404 - Degree in Industrial Electronic Engineering	19 - External internship in EIE	External Practice

**Coordination**

<b>Name</b>	<b>Department</b>
MARTOS TORRES, JULIO	242 - Electronic Engineering
SORET MEDEL, JESUS	242 - Electronic Engineering

**SUMMARY**

External practices aim to strengthen the training of university students in the operational areas of Institutions or Companies for professionals with a real insight into the problems and their interrelation, preparing future incorporation into productive work or research.

The University may establish agreements with institutions or companies, practical cooperation programs in which arrange their participation in specialized training and practical training required for students.

External practices programs will be established for the training of students in the final year of Degree and Master of the ETSE and must be made so as to suit the number of credits established.



The entity and activity to be performed will be assigned from a list of institutions and companies with the agreement established with the University of Valencia through ADEIT, or others with whom the student to establish a contact, subject to approval.

Dedication scheduled for this course is: tasks at the center where the practice is carried out 260 hours; meetings with university tutor 5 hours; attendance at courses and seminars 15 hours and report about the knowledge and the experience gained at the practice center 20 hours.

The organization and evaluation of the Final Project (TFG) is regulated by the Reglament de Treball Fi de Grau, approved by the Council of Government of the University of Valencia (<http://www.uv.es/graus/PE/Reglament.pdf>) and instructions developed by the Escola Tècnica Superior d'Enginyeria of the University of Valencia ETSE-UV (<http://www.uv.es/uvweb/enginyeria/ca/estudis-grau/graus/practiques-externes/informacio-general/presentacio-1285968430540.html>)

## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

The performance of the external practices required to have fully overcome the first two courses or 150 credits of the curriculum.

### 1404 - Degree in Industrial Electronic Engineering

- CG4 - Ability to solve problems with initiative, decision-making skills, creativity and critical reasoning and to communicate and transmit knowledge, abilities and skills in the field of industrial engineering (with specific industrial electronics technology).
- CG5 - Knowledge to carry out measurements, calculations, assessments, appraisals, surveys, studies, reports, work plans and analogous work.
- CG6 - Ability to deal with specifications, regulations and mandatory standards.
- CG7 - Ability to analyse and assess the social and environmental impact of technical solutions.
- CG8 - Ability to apply the principles and methods of quality control.
- CG9 - Ability to organise and plan work in companies and in other institutions and organisations.
- CG10 - Ability to work in a multilingual and multidisciplinary environment.
- CG11 - Knowledge, understanding and ability to apply the necessary legislation for practising professionally as a qualified industrial engineer.



This subject allows to obtain the following learning results, which are related to the competences that appear in the Verification Report of the Title ([http://www.uv.es/graus/qualitat/MV/1404\\_MV.pdf](http://www.uv.es/graus/qualitat/MV/1404_MV.pdf)):

- Know how to detect needs and situations requiring professional intervention (G4, G5, G7, G11).
- Know how to identify useful resources that can carry out this procedure (G5, G9).
- Know how to apply and develop this intervention (G5, G8, G9, G11).
- Acquire appropriate professional skills (G4, G5, G8, G9).
- Develop skills of cooperation with other professionals (G9).
- Make contact with the specific aspects of professional practice (G4, G5, G8, G9, G11).
- Ability to work in team (G10).
- Learn to manage different customer relationships (G4, G10).
- Be aware of the ethical component and the ethical principles of professional practice (G6, G7, G11).
- Become aware of the fundamental rights and equality between men and women in the workplace (G6, G7).

## WORKLOAD

ACTIVITY	Hours	% To be attended
Internship		100
Internship	300,00	0
<b>TOTAL</b>	<b>300,00</b>	

## TEACHING METHODOLOGY

- Set of tasks in the center where the practice is performed, which shall include an integration of the student in the working environment (CG4, CG5, CG6, CG7, CG8, CG9, CG10, CG11).
- Class work while attending seminars or specific courses.
- Student class work: preparing reports and presentation of results.
- Individual or group tutoring.

## EVALUATION

The organization and evaluation of the Final Project (TFG) is regulated by the Reglamet de Treball Fi de Grau, approved by the Council of Government of the University of Valencia (<http://www.uv.es/graus/PE/Reglament.pdf>) and instructions developed by the Escola Tècnica Superior d'Enginyeria of the University of Valencia ETSE-UV (<http://www.uv.es/uvweb/enginyeria/ca/estudis-grau/graus/practiques-externes/informacio-general/presentacio-1285968430540.html>)

The evaluation (G4, G5, G6, G7, G8, G9, G10, G11) will take into account:



a) The report of the guardian of the company, will attest: (40%)

- Compliance with the estimated times.
- Ability to integrate into the working group.
- Assessment of the activity performed by the student.

b) The final report of the activities undertaken in the company, which objectively determine the difficulty of the tasks and the relation to the matters of degree. Contain at least the following (30%):

- Relationship of practical training studies conducted
- Input from the student at the center of practice
- New knowledge and skills acquired
- Relationship with center personnel practices and methodology work

c) courses or seminars you have attended the student, both taught by the university as the training center. (10%)

d) Interview the student with the teacher-tutor in college practices. (20%)

The shares allocated to each section are indicated in each case. The realization of the total hours of practice is a prerequisite for the evaluation unless force majeure. The percentage of each subsection particular valuation depends on the judgment of the university tutor depending on the characteristics of the practice.

In any case the evaluation will be submitted to the statements of Reglament d'avaluació i qualificació de la Universitat de València per a títols de Grau i Màster

[http://www.uv.es/graus/normatives/2017\\_108\\_Reglament\\_avaluacio\\_qualificacio.pdf](http://www.uv.es/graus/normatives/2017_108_Reglament_avaluacio_qualificacio.pdf).