Universida_{de}Vigo

IDENTIFYING DATA
Professional internships

Subject	Professional internships
Code	O07G410V01981
Study programme	Grado en Ingeniería Aeroespacial

Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd

Teaching language	#EnglishFriendly Spanish Galician
Department	
Coordinator	Carou Porto, Diego
Lecturers	Martín Ortega, Elena Beatriz
E-mail	diecapor@uvigo.es
Web	http://http://aero.uvigo.es/
General description	By the realisation of practices in a company the student will be able to apply the knowledge and skills acquired during his/her studies, reinforcing his/her training and facilitating his/her incorporation to the labour market. English Friendly subject: International students may request from the teachers: a) resources and bibliographic references in English, b) tutoring sessions in English, c) exams and assessments in English.

Training and Learning Results

Code	
A2	That the students know how to apply their knowledge to their work or vocation in a professional way and that they possess the competences that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study
A3	That the students have the capability to gather and interpret relevant data (usually within their area of study) to issue judgments that include a reflection on relevant social, scientific or ethical issues
A4	That the students can transmit information, ideas, problems and solutions to a specialized and non-specialized audience
A5	That the students develop those learning capabilities necessary to undertake further studies with a high degree of autonomy.
C6	Adequate knowledge of the concept of a company, corporate and legal framework of a company. Organization and management of companies.
C19	Applied knowledge of: science and technology of materials; mechanics and thermodynamics; fluid mechanics; aerodynamics and flight mechanics; navigation and air traffic systems; aerospace technology; theory of structures; airborne transportation; economy and production; projects; environmental impact.
D2	Leadership, initiative and entrepreneurship
D3	Capability of oral and written communication in native lenguage
D4	Capability of autonomous learning and information management
D11	Show motivation for quality with sensitivity towards subjects within the scope of the studies
D12	Ethical and democratic commitment

Expected results from this subject

Expected results from this subject	Training and Learning Results
Knowledge, understanding and application of the organization and planning of a company or institution of the aerospace sector.	C6

Knowledge, understanding and application of work teams, oral and written communication skills at institutions of the aerospace sector	A3 A4 A5		D2 D3 D4 D11 D12
Knowledge, understanding, application, analysis and synthesis of diverse technical problems that appear in the companies, applying with creativity the knowledge acquired during the student studies	A2	C19	D12

Contents

Topic	
General knowledge of the organisation chart and lines of activity of the company or institution.	- Visit to the installations.
	- To familiarize with the instrumentation, tools, programming languages and software packages used by the company
	- Allocation of the student to a work group.
	- Allocationof a work package to the student, such as present works of the company or its R&D lines.
	- Realization of the work entrusted.
	- Writing of a final report and the official documents required.

Planning

	Class hours	Hours outside the classroom	Total hours
Practicum, External practices and clinical practices	0	150	150

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Practicum, External practices and clinical practices	Realization of the external practices in the organism/company inside the work group and task assigned

Personalized assistance

Methodologies	Description
Practicum, External practices and clinical practices	The students will keep in touch with the academic coordinator of the subject by sending regularly brief reports by email. In these reports, they will inform of any incidence and of the tasks developed within the company. It is recommended to send weekly reports

Assessment

	Description	Qualification	Training and Learning Results		
Practicum, External practices and clinical practices	Evaluation by the company supervisor during the development of the practices (25%) Autoevaluation of the student (25%) Evaluation of the memory of practices delivered by the student when finalising (25%) Evaluation of the report of the academic supervisor designated by the centre (25%) The students will keep in touch not only with the company supervisor, but also with the academic supervisor. When concluding the practices, the students will have to deliver to his academic supervisor a final memory and also the official document Report of the student. The evaluation will take into account the follow-up made by the academic tutor and the reports delivered by the student.	100	A2 A3 A4 A5	C6 C19	D2 D3 D4 D11 D12

Other comments on the Evaluation

This course follows the specific regulation of the School in this matter:

http://aero.uvigo.es/images/docs/escuela/normativa/Practicas_EEAE.pdf

Sources of information
Basic Bibliography
Complementary Bibliography

Recommendations