



Teaching Guide

Teaching Guide				
Identifying Data				2023/24
Subject (*)	Optional Internship		Code	730497241
Study programme	Mestrado Universitario en Enxeñaría Industrial (plan 2018)			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	1st four-month period	Second	Optional	4.5
Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Ciencias da Computación e Tecnoloxías da InformaciónEnxeñaría Naval e IndustrialMatemáticas			
Coordinador	Campo Cabana, Marco Antonio	E-mail	marco.campo@udc.es	
Lecturers	Bouza Fernandez, Javier Campo Cabana, Marco Antonio González Castro, Manuel Jesús Orjales Saavedra, Félix	E-mail	javier.bouza@udc.es marco.campo@udc.es manuel.gonzalez@udc.es felix.orjales@udc.es	
Web	www.udc.es/gl/epef/practicas/			
General description	As prácticas externas son unha actividade de carácter formativo que pretende que o alumnado aplique e complemente os coñecementos adquiridos na súa formación académica.			

Study programme competences

Code	Study programme competences
B2	CB7 - That students know how to apply the knowledge acquired and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of ??study.
B3	CB8 - That students are able to integrate knowledge and face the complexity of making judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.
B4	CB9 - That the students know how to communicate their conclusions -and the knowledge and ultimate reasons that sustain them- to specialized and non-specialized audiences in a clear and unambiguous way.
B5	CB10 - That students have the learning skills that allow them to continue studying in a way that will be largely self-directed or autonomous.
B13	G8 - Apply the knowledge acquired and solve problems in new or unfamiliar environments within broader and multidisciplinary contexts.
B14	G9 - Be able to integrate knowledge and face the complexity of making judgments based on information that, being incomplete or limited, includes reflections on social and ethical responsibilities linked to the application of their knowledge and judgments.
B15	G10 - Knowing how to communicate the conclusions -and the knowledge and ultimate reasons that sustain them- to specialized and non-specialized publics in a clear and unambiguous way.
B16	G11 - Possess the learning skills that allow to continue studying in a self-directed or autonomous way.
C1	ABET (a) - An ability to apply knowledge of mathematics, science, and engineering.
C3	ABET (c) - An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
C4	ABET (d) - An ability to function on multidisciplinary teams.
C6	ABET (f) - An understanding of professional and ethical responsibility.
C7	ABET (g) - An ability to communicate effectively.
C8	ABET (h) - The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
C9	ABET (i) - A recognition of the need for, and an ability to engage in life-long learning.
C11	ABET (k) - An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Learning outcomes

Learning outcomes	Study programme competences
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Coñecemento dunha empresa real e capacidade para integrarse na estrutura da mesma para desenrolar nela unha tarefa profesional do ámbito da enxeñería industrial. Ser capaz de realizar unha estancia nunha empresa realizando tarefas relacionadas coa súa titulación.	BJ2	CJ1
	BJ3	CJ3
	BJ4	CJ4
	BJ5	CJ6
	BJ13	CJ7
	BJ14	CJ8
	BJ15	CJ9
	BJ16	CJ11

Contents	
Topic	Sub-topic
Tema único	Realización de prácticas en empresas, organizacións administrativas, económicas ou profesionais tanto dos sectores publicos coma privados, ou de calquer outra forma que se estableza, colaborando ou formándose en tarefas técnicas no ámbito da súa titulación.

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Supervised projects	B2 B3 B4 B5 B13 B15 B14 B16 C1 C3 C4 C6 C7 C8 C9 C11	111.5	0	111.5
Personalized attention		1	0	1
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Supervised projects	O estudante realizará as prácticas nunha empresa ou institución na cal realizará un traballo relacionado coas competencias da súa titulación.

Personalized attention	
Methodologies	Description
Supervised projects	As prácticas estarán tutorizadas por un tutor profesional e por un tutor académico, que serán os encargados de que se realicen correctamente.

Assessment			
Methodologies	Competencies	Description	Qualification
Supervised projects	B2 B3 B4 B5 B13 B15 B14 B16 C1 C3 C4 C6 C7 C8 C9 C11	Unha vez rematadas as prácticas o/a estudante e o/a tutor/a profesional deberán presentar os seus informes ó tutor/a académico, sendo esta última persona a que porá a nota do/a estudante.	100

Assessment comments



Para ser avaliado/a, o/ a alumno/a deberá ter entregado o proxecto formativo, o informe profesional e a memoria final de prácticas correctamente cumplimentada, con anterioridade ao inicio do período de avaliación de dita oportunidade, seguindo o "Procedemento para a xestión de prácticas externas do estudiantado do centro (EPEF)".

Para calcular a nota final, valorarase fundamentalmente o informe do tutor profesional: partindo dun 10, restarase 0,3 puntos por cada escalón que baixe de "Excelente" en cada criterio de avaliación. O resultado poderá modificarse en +- 0,5 puntos en función do contido da memoria final de prácticas.

A realización fraudulenta das probas ou actividades de avaliación, unha vez comprobada, terá as implicacións contempladas na normativa vixente (Regulamento disciplinar do estudiantado da UDC).

Non se admite a dispensa académica. A avaliación en 2ª oportunidade e na convocatoria adiantada (decembro) será igual que en 1ª oportunidade.

A entrega dos traballos documentais que se realicen nesta materia será en formato virtual e/ou soporte informático, sen necesidade de imprimilos.

Sources of information

Basic	
Complementary	

Recommendations

Subjects that it is recommended to have taken before

Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus

Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.