



Teaching Guide				
Identifying Data				2017/18
Subject (*)	Degree project	Code	730G05042	
Study programme	Grao en Enxeñaría Naval e Oceánica			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fourth	Obligatoria	13.5
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Enxeñaría Naval e Industrial			
Coordinador	Díaz Casás, Vicente	E-mail	vicente.diaz.casas@udc.es	
Lecturers		E-mail		
Web				
General description	O traballo fin de Grao é un Exercicio orixinal a realizar individualmente, presentar e defender ante un tribunal universitario, consistente en un proxecto no ámbito da enxeñaría técnica Naval de natureza profesional no que se sintetizen e integren las competencias adquiridas nos ensinós.			

Study programme competences / results	
Code	Study programme competences / results
A41	Original exercise to carry out individually and to present and to defend before a university court, consistent in a project in the area of the technologies specific to the Naval Technical Engineering in Sea Structures of professional nature in the that they are synthesized and they integrate the acquired competences into the teachings.
B1	That the students proved to have and to understand knowledge in an area of study what part of the base of the secondary education, and itself tends to find to a level that, although it leans in advanced text books, it includes also some aspects that knowledge implicates proceeding from the vanguard of its field of study
B2	That the students know how to apply its knowledge to its work or vocation in a professional way and possess the competences that tend to prove itself by the elaboration and defense of arguments and the resolution of problems in its area of study
B3	That the students have the ability to bring together and to interpret relevant data (normally in its area of study) to emit judgments that include a reflection on relevant subjects of social, scientific or ethical kind
B4	That the students can transmit information, ideas, problems and solutions to a public as much specialized as not specialized
B5	That the students developed those skills of learning necessary to start subsequent studies with a high degree of autonomy
B6	Be able to carrying out a critical analysis, evaluation and synthesis of new and complex ideas.
C1	Using the basic tools of the technologies of the information and the communications (TIC) necessary for the exercise of its profession and for the learning throughout its life.
C2	Coming across for the exercise of a, cultivated open citizenship, awkward, democratic and supportive criticism, capable of analyzing the reality, diagnosing problems, formulating and implanting solutions based on the knowledge and orientated to the common good.
C3	Understanding the importance of the enterprising culture and knowing the means within reach of the enterprising people.
C4	Recognizing critically the knowledge, the technology and the available information to solve the problems that they must face.
C5	Assuming the importance of the learning as professional and as citizen throughout the life.
C6	Recognizing the importance that has the research, the innovation and the technological development in the socioeconomic and cultural advance of the society.
C7	Capacidade de traballar nun ámbito multilingüe e multidisciplinar.

Learning outcomes	
Learning outcomes	Study programme competences / results



Coñecer e comprender os métodos de cálculo, deseño e representación para o desenvolvemento dun proxecto no ámbito da enxeñaría técnica naval, estruturas mariñas e propulsión e servimos do buque. Capacidade para a aplicación práctica do coñecemento anterior.	A41	B1 B2 B3 B4 B5 B6	C1 C2 C3 C4 C5 C6 C7
---	-----	----------------------------------	--

Contents	
Topic	Sub-topic
Proxecto no ámbito de las tecnoloxías específicas de la enxeñaría técnica naval, en Propulsión e sistemas do buque e Arquitectura Naval , de natureza profesional, no que se sintetizen e integren as competencias adquiridas nos ensinos.	

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Supervised projects	A41 B1 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	0	266.5	266.5
Oral presentation	A41 B4 B6 C2	1	20	21
Personalized attention		50	0	50

(*)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	Elaboración do Traballo fin de Grao
Oral presentation	Defensa do Traballo fin de Grao

Personalized attention	
Methodologies	Description
Supervised projects	O tutor supervisará o desenvolvemento do traballo fin de grao ata a súa finalización

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Supervised projects	A41 B1 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	Defensa do traballo elaborado polo alumno.	100

Assessment comments

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.