Teaching Guide				
Identifying Data				2020/21
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	Obligatory	13.5
Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Enxeñaría Naval e IndustrialMatemáticas			
Coordinador	Miguez Gonzalez, Marcos	E-mail	marcos.miguez@udc.es	
Lecturers	Carral Couce, Luis Manuel Díaz Casás, Vicente Lago Rodriguez, Fernando Miguez Gonzalez, Marcos Villa Caro, Raul	E-mail	l.carral@udc.es vicente.diaz.casas@udc.es f.lago@udc.es marcos.miguez@udc.es raul.villa@udc.es	
Web				
General description	O Traballo Fin de Grao é un exercicio orixinal a realizar individualmente, presentar e defender ante un tribunal universitario, consistente nun proxecto no ámbito da enxeñaría técnica naval en propulsión e servizos do buque e estruturas marinas de natureza profesional no que se sinteticen e integren as competencias adquiridas nos ensinos.			
Contingency plan	1. Modifications to the contents 2. Methodologies *Teaching methodologies that are maintained *Teaching methodologies that are modified 3. Mechanisms for personalized attention to students 4. Modifications in the evaluation *Evaluation observations: 5. Modifications to the bibliography or webgraphy			

Study programme competences	
Code	Study programme competences
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.
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		
Coñecer e comprender os métodos de cálculo, deseño e representación para o desenvolvemento dun proxecto no ámbito da enxeñaría técnica naval, nas especialidades de estruturas mariñas e propulsión e servicios do buque. Capacidade para a aplicación práctica do coñecemento anteriormente citado.	A41	B2 B3 B4 B5 B6	C1 C2 C3 C4 C5 C6 C7

Contents	
Topic	Sub-topic
Proxecto no ámbito das tecnoloxías específicas da enxeñaría Técnica Naval, en Propulsión e Servizos do Buque e Estruturas Mariñas, de natureza profesional, no que se sinteticen e integren as competencias adquiridas nos ensinos.	

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Supervised projects	A41 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	0	287.5	287.5
Oral presentation	A41 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	2	18	20
Personalized attention		30	0	30
(*)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 titor supervisará o desenvolvemento do traballo fin de grao ata a súa finalización

Assessment			
Methodologies	Competencies	Description	Qualification
Oral presentation	A41 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	O alumno defenderá o seu traballo diante do tribunal e contestará as preguntas que se lle fagan A exposición propiamente dita levará un peso do 30% na nota final.	30
Supervised projects	A41 B2 B3 B4 B5 B6 C1 C2 C3 C4 C5 C6 C7	O alumno entregará o Traballo Fin de Grao de acordo coa normativa vixente. Esta memoria representa o 70% da nota final segundo os seguintes aspectos: - Adaptación do contido aos obxectivos previstos: 20%. - Aspectos técnicos: 40%. - Aspectos formais da documentación: 10% .	70

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.