



## Teaching Guide

Identifying Data					2021/22
Subject (*)	Trigonometría	Code	631111513		
Study programme	Diplomado en Máquinas Navais				
Descriptors					
Cycle	Period	Year	Type	Credits	
First and Second Cycle	2nd four-month period	First Second Third	Optional	2.5	
Language					
Teaching method	Face-to-face				
Prerequisites					
Department	Matemáticas				
Coordinador		E-mail			
Lecturers		E-mail			
Web	www.nauticaymaquinas.es/				
General description	Coñecer os conceptos fundamentais de Trigonometría Plana e Esférica.				
Contingency plan	<p>1. Modifications to the contents</p> <p>2. Methodologies</p> <p>*Teaching methodologies that are maintained</p> <p>*Teaching methodologies that are modified</p> <p>3. Mechanisms for personalized attention to students</p> <p>4. Modifications in the evaluation</p> <p>*Evaluation observations:</p> <p>5. Modifications to the bibliography or webgraphy</p>				

## Study programme competences / results

Code	Study programme competences / results
B2	Resolver problemas de forma efectiva.
B3	Aplicar un pensamento crítico, lóxico e creativo.
B5	Traballar de forma autónoma con iniciativa.
B9	Capacidade para interpretar, seleccionar e valorar conceptos adquiridos en outras disciplinas do ámbito marítimo, mediante fundamentos físico-matemáticos.
B10	Versatilidade.
B11	Capacidade de adaptación a novas situacións.
B12	Uso das novas tecnoloxías TIC, e de Internet como medio de comunicación e como fonte de información.
B13	Comunicar por escrito e oralmente os coñecementos procedentes da linguaxe científica.
B14	Capacidade de análise e síntese.
B15	Capacidade para acadar e aplicar coñecementos.
B16	Organizar, planificar e resolver problemas.

## Learning outcomes

Learning outcomes	Study programme competences / results
	results





Personalized attention		4	0	4
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Objective test	Resolver de forma individual un test de coñecementos teóricos e prácticos.
Guest lecture / keynote speech	Exposición dos temas.
Problem solving	Resolución de exercicios tipo e proposta de outros a resolver por os estudantes.

Personalized attention	
Methodologies	Description
Problem solving	Comprobar a participación de cada alumno.
Guest lecture / keynote speech	Responder dudas plantexadas.  Correxir posibles erros.

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Problem solving		Capacidade para resolver problemas	20
Objective test		Proba individual de asimilación de coñecementos.	80
Others			

Assessment comments
Os alumnos que NON participen do EEES serán avaliados a través dunha única Proba Obxetiva que constituirá o 100% da avaliación

Sources of information	
Basic	- Vila Mitjá, A. (). ELEMENTOS DE TRIGONOMETRÍA ESFÉRICA. U.P.C. - Villa, A. de la (). PROBLEMAS DE ÁLGEBRA LINEAL. Glagsa - Ayres, F. (). TRIGONOMETRÍA PLANA Y ESFÉRICA. Mac Graw Hill
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.