



## Teaching Guide

Teaching Guide				
Identifying Data				2023/24
Subject (*)	Safety and Resources Management on board		Code	631480215
Study programme	Mestrado Universitario en Enxeñaría Mariña			
Descriptors				
Cycle	Period	Year	Type	Credits
Official Master's Degree	2nd four-month period	First	Optional	3
Language	SpanishGalician			
Teaching method	Face-to-face			
Prerequisites				
Department	Ciencias da Navegación e Enxeñaría Mariña			
Coordinador	Fraguela Díaz, Feliciano	E-mail	feliciano.fraguela@udc.es	
Lecturers	Fraguela Díaz, Feliciano Garcia Galego, Jose Ramon	E-mail	feliciano.fraguela@udc.es jose.ramon.garcia@udc.es	
Web				
General description	EFFICIENTLY HANDLE THE SAFETY MANAGEMENT MANUALS AVAILABLE ON BOARD. DESIGN OPERATING PROCEDURES FOR SAFE WORK IN MACHINERY INSTALLATIONS			

## Study programme competences

Code	Study programme competences
A5	Garantir que se observan as prácticas de seguridade no traballo, a nivel de xestión.
A10	Manter a seguridade e protección do buque, a tripulación e os pasaxeiros, así como o bo estado de funcionamento dos sistemas de salvamento, de loita contra incendios e demais sistemas de seguridade, a nivel de xestión.
A12	Organizar e dirixir a tripulación, a nivel de xestión.
A16	Vixiar e controlar o cumprimento das prescricións legislativas e das medidas para garantir a seguridade da vida humana no mar e a protección do medio mariño, a nivel de xestión.
A17	Coñecer e ser capaz de aplicar os códigos, normas e regulamentos relativos á operación de buques e artefactos relacionados coa explotación dos recursos mariños, prestando especial atención aos sistemas de seguridade abordo e á protección ambiental.
B3	Comunicarse de maneira efectiva nun entorno de traballo.
B5	Traballar de forma colaborativa.
B6	Comportarse con ética e responsabilidade social como cidadán e como profesional.
C7	Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida.

## Learning outcomes

Learning outcomes	Study programme competences		
Efficiently manage the security management manuals available on board. Design operating procedures for safe work in machine installations. Preparation and performance of internal security management audits. Preparation of emergency procedures in on-board machinery installations. investigation and notification of occupational accidents on board. Management of teamwork in the machinery department.	AC5 AC10 AC17		
Efficiently manage the security management manuals available on board. Design operating procedures for safe work in machine installations. Preparation and performance of internal security management audits. Preparation of emergency procedures in on-board machinery installations. investigation and notification of occupational accidents on board. Management of teamwork in the machinery department.	AC12 AC16	BC3 BC5	
Efficiently manage the security management manuals available on board. Design operating procedures for safe work in machine installations. Preparation and performance of internal security management audits. Preparation of emergency procedures in on-board machinery installations. investigation and notification of occupational accidents on board. Management of teamwork in the machinery department.		BC6	CC7

## Contents



Topic	Sub-topic
CHAP. 1: HUMAN FACTOR ELEMENTS RELATED TO WORK IN MACHINERY INSTALLATIONS	THE HUMAN FACTOR
CHAP.2: OCCUPATIONAL ACCIDENTS IN MACHINERY SPACES	FATIGUE AND MARITIME ACCIDENTS
CHAP.3: THE IGS CODE AND ITS APPLICATION TO THE DEPARTMENT OF MACHINES	SAFETY MANAGEMENT MANUAL
CHAP4: RESOURCE MANAGEMENT IN THE ENGINE ROOM	RESOURCE MANAGEMENT

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Objective test	A5 A10 A17 B3 B6 C7	5	0	5
Guest lecture / keynote speech	A5 A10 A12 A16 A17 B3 B5 B6 C7	10	30	40
Supervised projects	A5 A10 A12 A16 A17 B3 B5 B6 C7	5	23	28
Personalized attention		2	0	2
(*)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	WRITTEN TEST USED FOR LEARNING ASSESSMENT
Guest lecture / keynote speech	ORAL PRESENTATION OF THE CONTENT OF THE SUBJECT
Supervised projects	PREPARATION OF WORK PERFORMED BY THE STUDENT UNDER THE SUPERVISION OF THE TEACHER

Personalized attention	
Methodologies	Description
Supervised projects	<p>It is about guiding the student in those questions related to the subject taught and that are especially difficult for their understanding.</p> <p>The corresponding revisions of the memories and works of the continuous evaluation are also included.</p> <p>The information and contact channels will be the Virtual Faculty and the individualized tutorials that take place for six hours throughout the week</p>

Assessment			
Methodologies	Competencies	Description	Qualification
Supervised projects	A5 A10 A12 A16 A17 B3 B5 B6 C7	THE WORK DONE AND THE EXHIBITION WILL BE VALUED	60
Guest lecture / keynote speech	A5 A10 A12 A16 A17 B3 B5 B6 C7	CLASS ATTENDANCE WILL BE VALUED	10
Objective test	A5 A10 A17 B3 B6 C7	THE RESULT OF A WRITTEN TEST WILL BE ASSESSED	30

Assessment comments
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The evaluation criteria set out in Table A-III / 2 of the STCW Code, and set out in the Quality Assurance System, will be taken into account when designing and conducting the evaluation.

Students with recognition of part-time dedication and academic exemption from exemption from attendance, as established in the "RULE GOVERNING THE REGIME OF DEDICATION TO THE STUDY OF UNDERGRADUATE STUDENTS IN THE UDC (Arts. 2.3; 3.b; 4.3 and 7.5) ( 04/05/2017):

- Attendance / participation in the activities of minimum class: 66%, being exempt the attendance to the master classes

Fraudulent conduct of tests or assessment activities, once verified, will directly involve the "0" failing grade in the subject in the corresponding call, thus invalidating any qualification obtained in all assessment activities for the extraordinary call. "

The evaluation criteria will be the same in the ordinary, second chance and extraordinary calls.

## Sources of information

Basic	- CÓDIGO IGS-CÓDIGO STCW
Complementary	

## Recommendations

### Subjects that it is recommended to have taken before

Maintenance Engineering/631480102

### Subjects that are recommended to be taken simultaneously

### Subjects that continue the syllabus

## Other comments

To help achieve a sustainable immediate environment and meet the objective of action number 5: "Healthy and environmentally and socially sustainable teaching and research" of the "Green Campus Action Plan":a) The delivery of the documentary works carried out in this matter will preferably be requested in virtual format or computer support, and may be done through Moodle, in digital format, without the need to print them. In the case of being done on paper, plastics will not be used, the prints will be double-sided on recycled paper, and the printing of drafts will be avoided.b) The full integration of students who, for physical, sensory, mental, socio-cultural or gender reasons, experience difficulties in gaining suitable, equal and beneficial access to university life will be facilitated.c) The importance of ethical principles related to the values of sustainability in personal and professional behavior must be taken into account.d) As stated in the different regulations applicable to university teaching, the gender perspective must be incorporated in this area (non-sexist language will be used, bibliography of authors of both sexes will be used, intervention in class of students will be encouraged ...)e) Work will be done to identify and modify prejudices and sexist attitudes and influence the environment to modify them and promote values of respect and equality.f) Situations of gender discrimination should be identified, and actions and measures proposed to correct them.

(\*)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.