UNIVERSIDADE DA CORUÑA

Teaching Guide			
Identifying Data			2023/24
Subject (*)	Regulations for Preventing Collisions at Sea and Accident Investigation	Code	631G01375
Study programme	Grao en Náutica e Transporte Marítimo		

Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Third	Obligatory	6

Language	SpanishGalician		
Teaching method	Face-to-face		
Prerequisites			
Department	Ciencias da Navegación e Enxeñaría Mariña		
Coordinador	Campa Portela, Rosa Mary de la	E-mail	rosa.mary.campa@udc.es
Lecturers	Campa Portela, Rosa Mary de la Sánchez Girón, Javier Ramón	E-mail	rosa.mary.campa@udc.es javier.sanchez5@udc.es
Web			
General description	The student will acquire the skills to perform a safe navigation watchkeeping in relation to knowledge and use of regulations to prevent collisions at sea, the different signaling and IALA systems, and the analysis of real accidents in which the committed infractions provide valuable lessons about their practical application.		

Study programme competences	
Code	Study programme competences
B40	RA27H?Use of IMO Standard Phrases for maritime communications, and use of written and spoken English.
B45	RA38H?Applying leadership and teamwork qualities
B49	RA44H?Establishing on-call duty systems and procedures
B50	RA45H?Maintaining safe navigation by using information from equipment and navigation systems to facilitate decision-making
B79	RA80H?Observe safe working practices.
B82	RA83H?Understand and take the necessary measures to manage fatigue.
C19	RA22X?Maintaining a safe navigational watch
C20	RA25X?Respond to emergencies
C27	RA37X?Monitoring compliance with legislative requirements
C30	RA48X?Take action in case of navigational emergencies
C31	RA49X?Manoeuvring and steering the ship in all conditions
C34	RA55X?Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea, maritime security and protection of the marine environment.

Learning outcomes			
Learning outcomes	Study programme competences		
RA27H-Use of IMO Standard Phrases for maritime communications, and use of written and spoken English.		B40	
RA38H-Applying leadership and teamwork qualities		B45	
RA44H-Establishing on-call duty systems and procedures		B49	
RA45H-Maintaining safe navigation by using information from equipment and navigation systems to facilitate decision-making		B50	
RA80H-Observe safe working practices.		B79	
RA83H-Understand and take the necessary measures to manage fatigue.		B82	
RA22X-Maintaining a safe navigational watch			C19
RA25X-Respond to emergencies			C20
RA37X-Monitoring compliance with legislative requirements			C27
RA48X-Take action in case of navigational emergencies			C30
RA49X-Manoeuvring and steering the ship in all conditions			C31

RA55X-Monitor and control compliance with legislative requirements and measures to ensure safety of life at sea, maritime security and protection of the marine environment.			C34

Contents	
Topic	**Sub-topic**
WATCHKEEPING	Knowledge of the content, application and intent of the International Regulations for Preventing Collisions at Sea, 1972, as amended Knowledge of the Principles to be observed in keeping a navigational watch. The use of routeing in accordance with the General Provisions on Ships? Routeing The use of information from navigational equipment for maintaining a safe navigational watch Knowledge of blind pilotage techniques The use of reporting in accordance with the General Principles for Ship Reporting Systems and with VTS procedures
COLREGS	Part A - General Part B - Steering and Sailing Part C - Lights and Shapes Part D - Sound and Light signals Part E - Exemptions Annex I - II- III - IV
International Code of Signals	Visual signaling Ability to use the International Code of Signals
IALA MARITIME BUOYAGE SYSTEM	Direction of Buoyage Lateral Marks Cardinal Marks Special and other Marks Chart symbols and abbreviations
Analysis of maritime accidents related to COLREG.	Obligation to investigate a maritime accident. Procedure for investigating a maritime accident. Analysis of a maritime accident. Main sources of information on maritime accidents.

Planning				
Methodologies / tests	**Competencies**	**Ordinary class hours**	**Student?s personal work hours**	**Total hours**
Directed discussion	B49 B45 C31	5	5	10
Mixed objective/subjective test	B40 B45 B49 B50 B79 C20 C27 C34	2	20	22
Collaborative learning	B50 B45	3	6	9
ICT practicals	B40 B82 C19	5	15	20
Guest lecture / keynote speech	B40 B45 B49 B50 B79 C20	17	17	34
Supervised projects	B79 C19 C27 C31	3	6	9
Oral presentation	B79 C19 C27	2	4	6
Case study	B49 B50 C19 C27 C30 C31	17	17	34
Personalized attention		6	0	6
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Directed discussion	Accident/incident reports review on class discussion
Mixed objective/subjective test	Final exam
Collaborative learning	Use of different collaboratie learning methods in the classroom
ICT practicals	Problem solving and exercises to reaffirm what has been learned in the classroom through the use of various apps
Guest lecture / keynote speech	Teachers classes
Supervised projects	Methodology designed to promote autonomous learning of students, under the guidance of the teacher, based on two basic elements: independent student learning and monitoring of that learning by the teacher-tutor.
Oral presentation	Dinamically oral presentation of a supervised project.
Case study	Study of situations related to the navigation watchkeeping and the management of human resources including maritime accidents.

Personalized attention	
Methodologies	Description
Supervised projects Mixed objective/subjective test Collaborative learning ICT practicals Guest lecture / keynote speech	As per teachers' instructions and students' needs

Assessment			
Methodologies	Competencies	Description	**Qualification**
Case study	B49 B50 C19 C27 C30 C31	Realization and delivery of at least 80% of the activities in this section in the classroom	7
Directed discussion	B49 B45 C31	Realization and delivery of at least 80% of the activities in this section in the classroom	3
Supervised projects	B79 C19 C27 C31	Completion and submission of the supervised project within the established deadline.	5
Mixed objective/subjective test	B40 B45 B49 B50 B79 C20 C27 C34	Final written exam	65
Collaborative learning	B50 B45	Participation and organization in groups as part of the supervised project.	5
ICT practicals	B40 B82 C19	Realization and delivery of at least 80% of the activities in this section	5
Oral presentation	B79 C19 C27	Oral presentation of the results of the supervised project supported by audiovisual resources.	10

Assessment comments

Attending at least 80% of the classes and submitting at least 80% of the activities carried out in the classroom entitle the student to take the prefinal exam and complete the supervised work and its oral presentation.
In order for the average grade of the mixed exam, the supervised work, and the oral presentation to be considered with the rest of the evaluation tests, a minimum score of 5 out of 10 must be obtained in each of them. In the case of the mixed exam, a minimum score of 5 out of 10 is required both in the Regulations section and in the Accident Analysis section for them to be considered in the average grade.
Students who do not attend class and / or do not turn in the corresponding activities must take the final exam to pass the subject. In this case the final exam will be evaluated out of 100.
The Accident Analysis topic will have a weighting of 40% of the final grade. It is essential to pass both parts to pass the subject.
Students with part-time enrollment and academic grant of attendance exemption, as established by the "NORMA QUE REGULA EL RÉGIMEN DE DEDICACIÓN AL ESTUDIO DE LOS ESTUDANTES DE GRADO Y MASTER EN LA UDC (Arts. 2.3; 3.b; 4.3 and 7.5) (05/04/2017) may take the mid-term exams, if any, without having to attend 80% of the face-to-face classes, as long as the professors are duly informed at the beginning of the course. Regardless of the foregoing, the professors may assign these students with different assignments/ problems throughout the course to be presented during tutorials, using the TEAMS system if appropriate in the teacher's opinion.
The fraudulent completion of exams or assessment activities, once confirmed, will result directly in a failing grade in the respective exam session: the student will be graded as "fail" (numerical grade of 0) in the corresponding academic year's exam session, whether the misconduct occurs in the first opportunity or the second. In this regard, their grade will be modified in the first opportunity's record, if necessary.
The assessment critieria reflected on table A-II/1 of the STCW Code, and also reflected in the Quality System, are taken into account to design and perform the assessment.

Sources of information	
Basic	- OMI (). Reglamento Internacional para Prevenir los Abordajes. - IALA (). Sistema de Balizamento Marítimo. - OMI (). Código Internacional del Señales.
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.