

General information	
Academic subject	Navigation and meteorology
Degree course	Science and Management of Maritime Activities
Academic Year	2022-2023
European Credit Transfer and Accumulation System (ECTS)	12
Language	ITALIAN
Academic calendar (starting and ending date)	03 <sup>rd</sup> OCTOBER – 27 <sup>TH</sup> JANUARY
Attendance	NO (STRONGLY RECOMMENDED)

Professor/ Lecturer	
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Department and address	Scuola Sottufficiali della Marina Militare - Taranto
Virtual headquarters	
Tutoring (time and day)	Tuesday, Wednesday and Thursday from 0830 to 1630 at Navy Petty Officer School in Taranto or on a virtual platform, by prior arrangement

Syllabus	
<b>Learning Objectives</b>	The three-year Degree Course in Sciences and Management of Maritime Activities pursues the objective of transmitting both general, specific and professionalizing scientific methods and contents of marine and maritime activities through common training activities (in the scientific, legal and economic fields) and specific for each curriculum.
<b>Course prerequisites</b>	No prior knowledge required
<b>Contents</b>	The course aims to make individual visitors aware and understand the basic elements of maritime navigation (estimated and coastal) and meteorology. At the end of the course the student must have acquired the following knowledge: - elements of cartography; - concepts of coastal and offshore estimated navigation; - concepts of meteorology; and the following capabilities: - use of the main nautical instruments for navigation control; - use of nautical documentation and cartography; - correspondence for navigation control; - main graphic representations of meteorological phenomena analysis.
<b>Books and bibliography</b>	Manuale dell'Ufficiale di rotta edito dall'Istituto Idrografico della Marina (I.I. 3100) ed. 2006. Norme per prevenire gli abbordi in mare edito dall'Istituto Idrografico della Marina (I.I.107). Simboli Abbreviazioni Termini in uso nelle carte nautiche (I.I. 1111) Elementi di navigazione (Zanichelli).
<b>Additional materials</b>	-

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
<b>Hours</b>			

146	48	48	50
<b>ECTS</b>			
12	6	6	
<b>Teaching strategy</b>			
		The face-to-face course includes an adequate number of increasingly difficult exercises to allow each student to acquire and consolidate the essential skills in the use of nautical instruments.	
<b>Expected learning outcomes</b>			
<b>Knowledge and understanding on:</b>		Acquisition of knowledge of the basic principles of navigation and meteorology. Development of the ability to understand the main rules of navigation and the fundamental phenomena of meteorology.	
<b>Applying knowledge and understanding on:</b>		Acquisition of the necessary methodology to be able to plan navigation according to the safety criterion and predict the general trend of weather and sea conditions.	
<b>Soft skills</b>		<p><i>Making informed judgments and choices</i> Acquisition of critical thought in order to increase the autonomy of judgment.</p> <p><i>Communicating knowledge and understanding</i> Acquisition and development of the ability of critical and autonomous study of the elements necessary for navigation planning.</p> <p><i>Capacities to continue learning</i> Acquisition of the technical language and symbology necessary to argue and describe in a coherent way the fundamental aspects of navigation and meteorology.</p>	

<b>Assessment and feedback</b>	
Methods of assessment	
Evaluation criteria	<p><i>Knowledge and understanding skills</i> The evaluation criteria used aim to verify the actual acquisition of the methodology necessary for the knowledge and understanding of the fundamentals of navigation and meteorology in accordance with the curriculum.</p> <p><i>Applied knowledge and understanding</i> The evaluation criteria used aim to verify the actual acquisition of the methodology necessary for the application of knowledge and understanding of all those aspects related to the conduct of a navigation and the ability to predict the trend of weather-marine conditions.</p> <p><i>Autonomy of judgment</i> The evaluation criteria used aim to verify the actual acquisition and development of the ability to critically study the topics of the curriculum.</p> <p><i>Communication skills</i> The evaluation criteria used aim to verify the actual acquisition of the ability to argue about the topics of the curriculum during in moments of sharing, comparison and discussion.</p> <p><i>Ability to learn</i> The evaluation criteria used aim to verify the actual acquisition of the methodology necessary to independently learn and study the main principles of the navigation and meteorology.</p>
Criteria for assessment and attribution of the final mark	The final grade will be determined by the nautical chart test, which also includes a written meteorological analysis.
<b>Additional information</b>	

Stampare su carta intestata del CdS

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