

General information	
Academic subject	Construction of Naval and Marine Plants II
Degree course	Sciences and Management of Maritime Activities
Academic Year	II
European Credit Transfer and Accumulation System (ECTS)	6 CFU
Language	Italian language
Academic calendar (starting and ending date)	October 4, 2021 - January 29, 2022
Attendance	No, recommended frequency

Professor/ Lecturer	
Name and Surname	Annibale RIZZELLO
E-mail	annibale.rizzello@uniba.it
Telephone	335-5810946
Department and address	Scuola Sottufficiali Marina Militare – San Vito (Taranto)
Virtual headquarters	Microsoft Teams codice: r4fqav4
Tutoring (time and day)	Every Thursday (10.15 – 11.15 a.m.)

Syllabus	
Learning Objectives	Have the student acquire the basic notions concerning the nomenclature / shipbuilding and systems installed on board ships.
Course prerequisites	//
Contents	Characteristics of naval electrical systems; Power plants and their assets; Production, transmission and distribution of electricity; Electrical safety; Transducers; Nomenclature of internal combustion engines; Starting devices; Lubrication and refrigeration in internal combustion engines; Transmission organs; Line of axes.
Books and bibliography	“Dispensa di Costruzioni ed impianti navali e marini” – Mariscuola Taranto Edizione settembre 2012.
Additional materials	//

Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
48	48		
ECTS			
6	6		
Teaching strategy			

	<p>The course is developed through lectures relating to the aspects of the discipline that are relevant and indispensable for the achievement of the specific educational objectives of the teaching and overall of the course of study. Frontal teaching is supported by seminars, exercises, practical experience.</p> <p>During the lessons various tools are used for the improvement of teaching such as, for example, power point presentations projected in the classroom, diagrams, bibliographical indications and anything else deemed useful for improving the effectiveness of teaching.</p>
Expected learning outcomes	
Knowledge and understanding on:	The acquisition of the methodology necessary for the knowledge and understanding of the criteria and methods of shipbuilding and facilities indicated in the program.
Applying knowledge and understanding on:	The acquisition of the methodology necessary for the application of knowledge and understanding of the criteria and methods of shipbuilding and naval installations.
Soft skills	<ul style="list-style-type: none"> • <i>Making informed judgments and choices</i> The acquisition and development of the ability to critically study the criteria and methods of shipbuilding and facilities indicated in the teaching program, also through the study of existing buildings and plants. • <i>Communicating knowledge and understanding</i> The acquisition of the ability to argue the topics examined, in order to be able to communicate and discuss them well in moments of sharing, comparison and discussion even in the classroom, both individually and in groups. • <i>Capacities to continue learning</i> The acquisition of the methodology necessary for learning, the mastery of the discipline, the critical study of the criteria and methods of shipbuilding and naval installations.

Assessment and feedback	
Methods of assessment	<p>Written and/or oral.</p> <p>The final test of the profit relative to the teaching takes place in written and / or oral form and the evaluation is expressed with a mark out of thirty, with possible honors.</p> <p>Further tests of the profit are carried out during the course. They relate to the topics covered in class and are articulated in the form of questionnaires characterized by open and / or multiple-choice questions, exercises. They can be taken into account in the final evaluation.</p>
Evaluation criteria	//
Criteria for assessment and attribution of the final mark	The criteria for the evaluation of the written and / or oral test take into account the correctness of the contents, the argumentative clarity and the skills of critical analysis and re-elaboration.
Additional information	
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