



ANNEX 2.14
DEGREE PROGRAM DIDACTIC REGULATIONS
AUTONOMOUS VEHICLE ENGINEERING
CLASS LM-33

School: Polytechnic School of Engineering and Basic Sciences

Department: Industrial Engineering

Regulations in force for the academic year 2024-2025

Course: UNMANNED MARINE PLANTS		Teaching Language: English	
SSD (Subject Areas): ING-IND/02		CREDITS: 6	
Course year: II		Type of Educational Activity: C	
Teaching Methods: In-person			
Contents extracted from the SSD declaratory list consistent with the learning objectives of the course: The sector is divided into three basic areas: naval structures, marine structures and naval plants. The naval systems branch studies the propulsion systems (from the point of view of design and operation), the systems necessary for on-board services, the equipment necessary for the safety of the ship and the automatic management and control systems.			
Learning objectives: The course aims to provide the student with the basic knowledge of the propulsion and auxiliary systems of marine vessels, particularly with reference to automatic management. Furthermore, notions will be provided for the integration of these devices with each other, with navigation systems and remote control station. Safety and regulatory issues will also be considered in the course. Students will be given indications to use a simulator in dedicated software environment.			
Pre-requisites: None			
Is a pre-requisite for: None			
Types of examinations and other tests: Oral exam is focused on assessing knowledge of the course contents. Students can present a simple project on one of the ship systems shown during the course or comment on a system proposed by the examination commission.			