

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM212	Marine Eng. Operations and Maintenance-II	4	3	0	2	4	4

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	To prepare the students for operation and maintenance on board by lecturing and applications
Content	Maintenance and running of the Evaporators -Maintenance and running of the Shaft systems -Maintenance and running of the Deck machinery -Maintenance and running of the Steering machinery -Maintenance and running of the Hydraulic Rudder systems
References	Slides,educational videos and lab applications

Theory Topics

Week	Weekly Contents
1	Maintenance and running of the Evaporators
2	Maintenance and running of the Shaft systems
3	Maintenance and running of the Deck machinery
4	Maintenance and running of the Hydraulic Rudder systems and Steering machinery
5	Maintenance and running of the heat distributors
6	Fuel,Bilge and Ballast procedures
7	The procedures in the engine room during watch for safety and emergency
8	AC and DC systems
9	Maintenance and running of the emergency steering wheel
10	Bunkering Principles
11	Safe watch keeping during manoeuvring
12	Safe Maintenance, Planned and Emergency Maintenance
13	Maintenance equipment on board
14	Using the electrical equipment during finding the faults