Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM237	Automatic Control	4	2	0	1	2.5	4

Prerequisites	
Admission Requirements	

Language of Instruction	
Course Type	
Course Level	Associate Degree
Objective	
Content	
References	

Theory Topics

Week	Weekly Contents
1	Introduction to concepts
2	Application of controls in the engine room and pneumatic valves
3	pneumatic symbols
4	pneumatic control of the main machine
5	velocity and load control of the main machine
6	velocity and load control of the generator
7	General Evaluation
8	Mid term
9	separator control systems
10	moving and non-moving propellers
11	control of the steering machines
12	measuring systems and their control
13	Scavenge air combustion control
14	Signal evaluation, censors, engine room alarm systems