Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM104	Marine Chemistry	1	2	0	0	2	3

Prerequisites	
Admission Requirements	

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

Theory Topics

Week	Weekly Contents
1	Basic concepts and basic laws.
2	Stochiometric calculations. Gases, liquids and solids
3	Structure of atom and periodic table. Chemical bonds. Nuclear reactions.
4	Solutions. Heat energy in chemical reactions.
5	Rate of reactions. Equilibrium. Acids and bases.
6	Physical and chemical properties of seawater.
7	Corrosion and corrosion control.
8	Sea paints.
9	Fuel and oil chemistry.
10	Fuel and oil chemistry.
11	Fuel and oil types and properties.
12	Fuel and oil types and properties.
13	Hazardous substances. Sea pollution.
14	Hazardous substances. Sea pollution.