

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GEM120	Safety at Sea I	1	2	0	1	2,5	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	1. To teach the techniques of survival at sea, 2. To teach usage of survival craft (life boat, rescue boat), 3. To teach basic fire fighting techniques, 4. To teach basic first aid techniques, 5. To give information about personal safety and social responsibility at sea.
Content	Survival techniques at sea, Location and usage of personal life saving appliances, Basic first aid. fire prevention and fire fighting, personel safety and social responsibilities.
References	1) Solas 2) Kişisel Ders Notlarım 3) LSA code

Theory Topics

Week	Weekly Contents
1	Basic safety trainings, the technics of personal survival instructions at sea, safety and survival
2	Emergency situations(collision, fires, sinking etc.), kinds of Life-saving Appliances on Ships
3	Life Saving Appliances and Rescue Boats, Equipments at the Life/Rescue Boats, Using and Places of Personal Life-saving Appliances
4	Personal Survival at the Sea, Aid by the Helicopter, Emergency Radio Equipments
5	The Importance of Trainings and Exercises, Personal Protective Arrangements. The necessity of Being Ready For Any Emergency Situation.
6	Taking the Proper Steps When Abandoning Ship.
7	The Taking the Proper Steps on the Life Vessels, Mainly Dangerous For the Shipwrecked. Basic Trainings for the Fire Taking Measures and Firefightings.
8	The Organization of Firefighting on the Ship, The Places of Ships Firefighting Equipments and Emergency Situations Runaway Routes, Fire and Explosion Elements(fire triangle)
9	Types of ignitions, Combustible Materials, Fire Danger and Fire Extension.
10	Fire Countermeasures, Automatic Fire and Smoke Alarm Systems, Fire Classifications and Suitable Fire Extinguisher Elements.
11	The Equipments of Firefighting and Their Places on Ships. Stationary Firefighting Systems, Fireman Outfits.
12	Personal Equipments, Firefighting Apparatus and Equipments.
13	Firefighting Methods, Fire Extinguish Materials
14	Firefighting Rules, Methods and Procedures. The Using of Respiration Apparatus and Equipments