Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GÜV317	Ship Construction and Technical Drawing	2	3	0	0	3	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	Ship to introduce structural elements. Technical drawing with the skill to shape. Ensure that the ship be able to read the plan.
Content	SHIP STRUCTURE: Shape and size of the ship, Ship voltages, The hull structure, Fore and aft, Enhancements, Rudders and propellers, Load Lines brand, and blood (draft) figures BALANCE OF SHIP: displacement, Buoyancy (SEPI), The share of fresh water, Stable equilibrium, Beginning balance, Rake angle, Stable equilibrium curves Displacement of the center of gravity, Slope and correction, Free surface effect, cute, A complete loss of buoyancy. DRAFTING: Drawings of geometric shapes, lines, Perspective projection, Technical drawing, dimensioning, Welded, riveted, screw, bolt and bolt connections and drawing them, Better understanding and interpretation of the information needed to ship plans
References	Ship Stabiltesi Book. Ship Building Book 1 Several ship plans The Book of seamanship Technical and vocational drawing book

Theory Topics

Week	Weekly Contents
1	Shape and size of the ship
2	Shape and size of the ship
3	Ship voltages

Week	Weekly Contents
4	Ship voltages
5	The hull structure
6	The hull structure
7	displacement, Buoyancy (SEPI)
8	displacement, Buoyancy (SEPI)
9	Stable equilibrium, Beginning balance
10	Stable equilibrium, Beginning balance
11	Drawings of geometric shapes, lines, Perspective projection
12	Drawings of geometric shapes, lines, Perspective projection
13	Welded, riveted, screw, bolt and bolt connections and drawing them, Better understanding and interpretation of the information needed to ship plans
14	Welded, riveted, screw, bolt and bolt connections and drawing them, Better understanding and interpretation of the information needed to ship plans