

## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GÜV312	Navigation II	2	4	0	2	5	6

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	Understanding the types of cruise.
Content	Directions, compasses (magnet and gyro), natural and artificial deviation, gyro error calculations. Düzeltmesiveli magnetic compass, making the course and bearing. Bearing instruments. Principles of coastal navigation and route boot. Location types and position fixing methods, the narrow waters, cruise, cruising and mathematical types. Range journal keeping, cruise planning, port entry and exit planning, offshore course, Kısıklı sight, looking, looking for traffic separation scheme, in Arctic cruise, cruise the icy waters, rescue aid for the cruise, tropical storms in the area of navigation, and types of discharge, flowing looking for and windy waters, discharge, and discharge the course of resolving the problems of the triangle, tidal accounts great circle sailing, kompazayt looking for.
References	

## Theory Topics

Week	Weekly Contents
1	Compass ( gyro and magnetic), Compass errors problems
2	Coastal navigation, Position fixing methods , position lines and positions
3	Position fixing methods with running fix
4	Mathematics calculations on mercator sailing
5	Getting course, position,speed and time informations on navigational charts
6	Current, navigation in current, current triangle, set, drift, soa,cmg,resultant course and speed
7	Current, navigation in current, current triangle, set, drift, soa,cmg,resultant course and speed
8	ABD and Admiralty tide tables , tidal stream tables main ports and secondary ports tide calculations
9	ABD and Admiralty tide tables , tidal stream tables main ports and secondary ports tide calculations
10	Tide and tidal stream problems
11	Tide and tidal stream problems
12	Ice navigation, passage planning
13	Great Circle Sailing
14	Great Circle Sailing