Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
DUI209	Meteorology	3	1	1	1	2	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	1.To provide theoretical information to observe the weather events 2. To provide theoretical and practical information to establish meteorogical communication 3. To provide theoretical and practical information to establish to forecast weather events at sea
Content	The concept of ocean and sea, submarine topography, submarine surface shapes, physical and chemical properties of sea water, waves, currents, tides, air masses, fronts, synoptic map analysis, observation and analysis codes, pressure and wind systems in the oceans, national and international weather stations, mid-latitude cyclones, anticyclone and other pressure systems, meteorological support services to sailors, records and report of weather observations, weather forecast, evaluation of weather forecast reports
References	) Hava Analiz ve Tahmin Tekniği, DMİ Gen.Müd. Yayın No:2006-1,ANKARA,2007 Klimatoloji, DMİ Gen.Müd. Matbaa ve Basımevi Atölyesi , ANKARA 2) ÖNEY S. ve YILMAZ A., Denizcilik Meteorolojisi, İSTANBUL, 2000 Deniz Meteorolojisi, DMİ Gen.Müd. Matbaa ve Basımevi Atölyesi, ANKARA, 1983

Theory Topics

Week	Weekly Contents
1	Meteorology-Atmosphere
2	Heat and temparature
3	Atmospherric pressure
4	Winds
5	Evaporation, condensation, moisture
6	Cloud, rain, meteorites
7	Visibility, fog, meteorological observation
8	Air masses
9	Fecades
10	Tropical Cyclones
11	Sea Water Temperature and Salinity
12	Waves, Wave cracked, Tidal, Currents
13	Synoptic coding, synoptic maps
14	Weather forecast