Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
GÜV340	Communication at Sea- II	4	2	0	2	3	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Associate Degree
Objective	1. theoretical and practical background to use GMDSS Subsystems. 2. ability to conduct Distress, Urgency and Safety Communications. 3. responsibilities to keep radio watch on a ship radio station.
Content	GMDSS Master Plan and Sea Areas. Certificates Licenses and Log Book according to GMDSS. Carriage Requirements. Terrestrial Communication Systems. Satellite Systems. Actual Equipment Utilization. VHF/MF/HF VHF DSC and HF DSC Equipment. List of Coast Stations, List of Ship Stations and ALRS references. Inmarsat C, EPIRB and SART Equipment GMDSS Master Plan and Sea Areas. Certificates Licenses and Log Book according to GMDSS. Carriage Requirements. Terrestrial Communication Systems Types of Distress Communication, Frequencies and abbreviations Distress, Urgency and Safety Communication Procedures. Distress Relay communication and False Alerts.
References	1) Yücel Sügen, Kaptanın Kılavuzu, Akademi Yayınları, 2009 2) Tayfun Acarer ve Diğerleri, GMDSS, Akademi Yayınları, 2009. 3) ALRS VOLUME 5. 4) www.gmdss.com 5) COLREG.

Theory Topics

Week	Weekly Contents
1	Procedures of routıne communication in GMDSS
2	Abreviations on marcom, smcp, fonotical alfabet.
3	Frequencies of routıne communication, RT,TOR
4	Procedures of DSC routine comm.
5	Routine communication on INMARSAT
6	Systems of VHF, DSC , NBDP
7	Satellite system, properties of INMARSAT, part of space, land and maritime.
8	Distress communication
9	Coordination and operations of SAR.
10	Test of GMDSS equipments
11	Urgency and safety communicatioms.
12	SART and EPIRB
13	Navtex.
14	USING INM. B , C AND EGC