

Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|-------------------------|----------|--------|----------|-----|--------|------|
| GÜV324 | Communication at Sea- I | 3 | 2 | 0 | 2 | 3 | 3 |

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| Prerequisites | |
| Admission Requirements | |

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| 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) Telsiz kanun ve yönetmelikleri 2) Kişisel Ders Notlarım 3) GMDSS el kitabı |

Theory Topics

| Week | Weekly Contents |
|------|---|
| 1 | Basic properties of GMDSS, Areas of GMDSS |
| 2 | Compulsory equipments in Areas |
| 3 | Alternatives of maintenance |
| 4 | Law of Communication |
| 5 | Law of Communication |
| 6 | Law of SAR |
| 7 | Midterm examination/Assesment |
| 8 | Communication Education Rules |
| 9 | Spectrum law |
| 10 | Spectrum law |
| 11 | SOLAS Chapter GMDSS |
| 12 | SOLAS Chapter GMDSS |
| 13 | Frequencies |
| 14 | Frequencies |