

Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|------------------|----------|--------|----------|-----|--------|------|
| GEM218 | Safety at Sea IV | 4 | 1 | 0 | 1 | 1.5 | 2 |

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| Prerequisites | |
| Admission Requirements | |

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| Language of Instruction | Turkish |
| Course Type | Compulsory |
| Course Level | Associate Degree |
| Objective | 1. Ability to operate and command vessel in case of emergency position, 2. Crises management and crowd management on board. |
| Content | Gemideki tüm kişilerin acil durumlarda korunması ve himayesi için yapılması gereken faaliyetler, Yangından, patlamadan, çatışmadan veya oturmadan sonra gemiyi kurtarmak ve hasarı azaltmak için faaliyetler, Acil durumlara karşılık olarak muhtemel-durum planlarının hazırlanması, Can kurtarma araçları, yangın söndürme donanımı ve diğer güvenlik sistemlerinin bakımı. |
| References | Marine safety course handouts |

Theory Topics

| Week | Weekly Contents |
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| 1 | Precautions for the protection and safety of passengers in emergency situations, |
| 2 | İnitial action following: man overboard, collision, grounding, flooding or major mechanical damage and receipt of a distress message, |
| 3 | İnitial damage assessment and control, protection of the marine environment, |
| 4 | Use of the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual (Volume III), distress and emergency signals, |
| 5 | Use of International Code of Signals, |
| 6 | Operation of survival craft and rescue boats, |
| 7 | Survival at sea techniques; |
| 8 | Midterm exam |
| 9 | Fire prevention, classes and chemistry of fire; |
| 10 | Fire-fighting systems commonly found on board the ships concerned, |
| 11 | Abandon ship, |
| 12 | Use and care of life-saving appliances and equipment including portable radios, EPIRBs, SARTs and immersion suits, |
| 13 | LSA training manuals, |
| 14 | Final exam |