**BANDIRMA ONYEDI EYLUL UNIVERSITY**
**MARITIME FACULTY**
**MARITIME TRANSPORTATION AND MANAGEMENT ENGINEERING**
**2024-2025 ACADEMIC YEAR COURSE PLAN**

### SEMESTRE I / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM1102 | C | Safety at Sea I | 3 | 3 | 4,5 | 4 |
| DIM1105 | C | Mathematics I | 4 | 0 | 4 | 3 |
| DIM1106 | C | Physics I | 2 | 2 | 3 | 3 |
| DIM1107 | C | Seamanship I | 2 | 1 | 2,5 | 3 |
| DIM1108 | C | Navigation I | 3 | 1 | 4 | 4 |
| DIM1109 | C | First Aid and Medical Care | 1 | 2 | 2 | 2 |
| DIM1110 | C | Physical Education and Swimming | 0 | 2 | 1 | 1 |
| | | **TOTAL** | **15** | **11** | **21** | **20** |
| | | | | | | |
| AIT1101 | C | Ataturk's Principles and History of Revolution I | 2 | 0 | 2 | 2 |
| TDI1101 | C | Turkish Language I | 2 | 0 | 2 | 2 |
| YDI1101 | C | Foreign Language I | 3 | 0 | 3 | 4 |
| KAR1101 | C | Career Planning | 1 | 0 | 1 | 2 |
| | | **TOTAL** | **23** | **11** | **29** | **30** |

### SEMESTRE II / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM1201 | C | Short Term Sea Training I | 0 | 0 | 0 | 3 |
| DIM1202 | C | Safety at Sea II | 2 | 2 | 3 | 2 |
| DIM1203 | C | Maritime English I | 2 | 0 | 2 | 2 |
| DIM1206 | C | Watchkeeping I | 2 | 1 | 2,5 | 3 |
| DIM1207 | C | Mathematics II | 4 | 0 | 4 | 3 |
| DIM1208 | C | Physics II | 2 | 1 | 2,5 | 3 |
| DIM1209 | C | Navigation II | 2 | 2 | 3 | 2 |
| DIM1210 | C | Computer Aided Technical Drawing | 1 | 2 | 2 | 2 |
| DIM1211 | C | Seamanship II | 1 | 2 | 2 | 2 |
| | | **TOTAL** | **16** | **10** | **21** | **22** |
| AIT1201 | C | Ataturk's Principles and History of Revolution II | 2 | 0 | 2 | 2 |
| TDI1201 | C | Turkish Language II | 2 | 0 | 2 | 2 |
| YDI1201 | C | Foreign Language II | 3 | 0 | 3 | 4 |
| | | **TOTAL** | **23** | **10** | **28** | **30** |

**Prerequisites for the second semester:**

**For a student to take the course Maritime Safety II, they must have taken Maritime Safety I and not have failed the course. To enroll in Navigation II, the student must have completed Navigation I and not have failed the course. In order to attend Watchkeeping Standards I, the student needs to have taken Seamanship I and not have failed the course. To be eligible for the first sea internship course, the student must have completed maritime safety and professional courses (Maritime Safety I-II, Seamanship I-II, Navigation I-II, Maritime English I, Watchkeeping Standards I, First Aid and Medical Care), and not have failed any of them.**

### SEMESTRE III / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM2102 | C | Maritime Meteorology | 2 | 0 | 2 | 3 |
| DIM2103 | C | Celestial Navigation | 2 | 2 | 3 | 5 |
| DIM2105 | C | Maritime Chemistry | 2 | 0 | 2 | 3 |
| DIM2106 | C | Maritime English II | 2 | 0 | 2 | 3 |
| DIM2109 | C | Watchkeeping II | 2 | 0 | 2 | 3 |
| DIM2111 | C | Maritime Communication I | 2 | 2 | 3 | 4 |
| DIM2112 | C | Ship Electric and Electronics | 2 | 0 | 2 | 3 |
| DIM2113 | C | Basic Information Technologies | 2 | 0 | 2 | 3 |
| DIM2114 | C | Ship Construction | 2 | 0 | 2 | 3 |
| | | | | | | |
| | | **TOTAL** | **18** | **4** | **20** | **30** |

**Prerequisites for the third semester:**

**For a student to take the Maritime English II course, they must have completed Maritime English I and not have failed the course. To enroll in Celestial Navigation, the student must have taken Navigation I-II courses and not have failed them. In order to attend Watchkeeping Standards II, the student needs to have completed Watchkeeping Standards I and not have failed the course.**

### SEMESTRE IV / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM2201 | C | Short Term Sea Training II | 0 | 0 | 0 | 3 |
| DIM2203 | C | Cargo Handling and Stability I | 3 | 0 | 3 | 3 |
| DIM2204 | C | Electronic Navigation | 2 | 2 | 3 | 4 |
| DIM2205 | C | International Maritime Conventions | 3 | 0 | 3 | 4 |
| DIM2206 | C | Ship Maneuvering | 2 | 2 | 3 | 3 |
| DIM2208 | C | Engineering Mathematics | 2 | 0 | 2 | 3 |
| DIM2209 | C | Maritime Communication II | 2 | 2 | 3 | 4 |
| DIM2210 | C | Introduction to Computer Programming | 1 | 2 | 2 | 3 |
| | | | | | | |
| | E | Elective | 2 | 0 | 2 | 3 |
| | | **TOTAL** | **17** | **8** | **21** | **30** |

**Prerequisites for the fourth semester:**

**For a student to take the course Maritime Communication II, they must have completed Maritime Communication I and not have failed the course. To enroll in Ship Maneuvering and Electronic Navigation courses, the student must have completed Navigation I-II courses and not have failed them. In order to attend Engineering Mathematics, the student needs to have completed Mathematics I-II courses and not have failed them. The student cannot undertake the Second Sea Internship before completing the First Sea Internship. They must have completed the First Sea Internship.**

### SEMESTRE V / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM3101 | C | Cargo Handling and Stability II | 3 | 0 | 3 | 5 |
| DIM3103 | C | Ship Bridge Simulator Applications | 2 | 2 | 3 | 4 |
| DIM3104 | C | Seafarer Health and Occupational Safety | 2 | 0 | 2 | 3 |
| DIM3105 | C | Ship Repair and Maintenance Management | 2 | 2 | 3 | 4 |
| DIM3106 | C | Port and Terminal Operations | 2 | 0 | 2 | 3 |
| DIM3121 | C | Liquid Cargo Handling Simulation Applications | 2 | 2 | 3 | 4 |
| DIM3122 | C | Marine Accidents and Human Element | 3 | 0 | 3 | 4 |
| | | | | | | |
| | E | Elective | 2 | 0 | 2 | 3 |
| | | **TOTAL** | **18** | **6** | **21** | **30** |

**Prerequisites for the fifth semester:**

**For a student to take the Cargo Handling and Stability II, they must have completed Cargo Handling and Stability I and not have failed the course. To enroll in Ship Bridge Simulator Applications courses, the student must have completed Ship Maneuvering and not have failed the course.**

### SEMESTRE VI / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM3201 | C | Long Term Sea Training | 0 | 0 | 21 | 30 |
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| | | | | | | |
| | | **TOTAL** | **0** | **0** | **21** | **30** |

**Prerequisites for the sixth semester:**

**For a student to be able to take the long term sea training course, they must have completed 75 days from the short term sea training I-II courses.**

### SEMESTRE VII / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4102 | C | Ship Engines | 2 | 0 | 2 | 3 |
| DIM4103 | C | Marine Insurance | 2 | 0 | 2 | 3 |
| DIM4107 | C | Maritime Law | 2 | 0 | 2 | 3 |
| DIM4108 | C | Bridge Team Management | 3 | 0 | 3 | 5 |
| DIM4109 | C | Oceanography | 2 | 0 | 2 | 3 |
| DIM4110 | C | Ship Management | 3 | 0 | 3 | 4 |
| DIM4111 | C | Research Methods and Analysis Techniques | 2 | 0 | 2 | 3 |
| | | | | | | |
| | E | Elective (Group I) | 2 | 0 | 2 | 3 |
| | E | Elective (Group II) | 2 | 2 | 3 | 3 |
| | | **TOTAL** | **20** | **2** | **21** | **30** |

**Prerequisites for the seventh semester:**

**For a student to take the Oceanography course, they must have completed Maritime Meteorology and not have failed the course. To enroll in Ship Bridge Resource Management course, the student must have completed Bridge Simulator Applications and not have failed the course.**

### SEMESTRE VIII / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4201 | C | Ship Survey Procedures | 3 | 0 | 3 | 3 |
| DIM4202 | C | Graduation Project | 0 | 5 | 2,5 | 6 |
| DIM4206 | C | Search and Rescue Operations in Ships | 2 | 1 | 2,5 | 3 |
| DIM4207 | C | Maritime Commercial Law | 3 | 0 | 3 | 3 |
| DIM4221 | C | Leadership and Teamwork Skills | 2 | 0 | 2 | 3 |
| DIM4222 | C | Safety and Quality Management | 2 | 0 | 2 | 3 |
| DIM4223 | C | Maritime Management | 2 | 0 | 2 | 3 |
| | | | | | | |
| | | | | | | |
| | E | Elective (Group I) | 2 | 0 | 2 | 3 |
| | E | Elective (Group II) | 2 | 0 | 2 | 3 |
| | | **TOTAL** | **18** | **6** | **21** | **30** |

**Prerequisites for the eighth semester:**

**For a student to take the Ship Survey Operations course, they must have completed Ship Construction and not have failed the course. To enroll in Leadership and Team Skills, the student must have completed Ship Bridge Resource Management course and not have failed the course. In order to attend Maritime Commercial Law, the student needs to have completed Maritime Law and not have failed the course.**

## DEPARTMENT OF MARITIME TRANSPORTATION AND MANAGEMENT ENGINEERING
## 2024-2025 ACADEMIC YEAR
## ELECTIVE COURSES

### SEMESTRE IV / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM2213 | E | Fluid Mechanics | 2 | 0 | 2 | 3 |
| DIM2214 | E | Cargo Pumps | 2 | 0 | 2 | 3 |
| DIM2215 | E | Hydraulic-Pneumatic | 2 | 0 | 2 | 3 |
| DIM2216 | E | Maritime Digitalization | 2 | 0 | 2 | 3 |
| DIM2217 | E | Marine Tourism | 2 | 0 | 2 | 3 |

### SEMESTRE V / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM3108 | E | Shipping Recycling and Waste Management | 2 | 0 | 2 | 3 |
| DIM3109 | E | Marine Ecology | 2 | 0 | 2 | 3 |
| DIM3110 | E | Ship Energy Efficiency | 2 | 0 | 2 | 3 |
| DIM3112 | E | Ship Chartering & Brokerage | 2 | 0 | 2 | 3 |
| DIM3113 | E | Shipping Agency | 2 | 0 | 2 | 3 |

### SEMESTRE VII (GROUP I) / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4112 | E | Thermodynamic | 2 | 0 | 2 | 3 |
| DIM4113 | E | Automation & Control | 2 | 0 | 2 | 3 |
| DIM4114 | E | Ship Modelling | 2 | 0 | 2 | 3 |
| DIM4115 | E | Academic Turkish I | 2 | 0 | 2 | 3 |
| DIM4116 | E | Green Shipping | 2 | 0 | 2 | 3 |

### SEMESTRE VIII (GROUP I) / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4208 | E | Maritime Human Reseource Management | 2 | 0 | 2 | 3 |
| DIM4209 | E | Maritime Organizational Management and Behavior | 2 | 0 | 2 | 3 |
| DIM4211 | E | Maritime Policy | 2 | 0 | 2 | 3 |
| DIM4212 | E | Transportation Geography | 2 | 0 | 2 | 3 |
| DIM4213 | E | Effective Communication Skills | 2 | 0 | 2 | 3 |

### SEMESTRE VII (GROUP II) / FALL

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4117 | E | Advanced Tanker Operations | 2 | 2 | 3 | 3 |
| DIM4118 | E | Advanced Navigation | 2 | 2 | 3 | 3 |

### SEMESTRE VIII (GROUP II) / SPRING

| CODE | TYPE | COURSE NAME | LT | LB | CR | ECTS |
|---|---|---|---|---|---|---|
| DIM4214 | E | Academic Turkish II | 2 | 0 | 2 | 3 |
| DIM4215 | E | Ship Auxilary Engines | 2 | 0 | 2 | 3 |
| DIM4216 | E | Maritime Safety, Security and Environment | 2 | 0 | 2 | 3 |
| DIM4217 | E | Maritime Cyber Security | 2 | 0 | 2 | 3 |
| DIM4218 | E | Maritime Finance | 2 | 0 | 2 | 3 |