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| **Course Name** | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** |
| **Port Management and Operations** |  | 3 | 2+0 | 2 | 3 |
| Prerequisite Courses |  |
| Language of the Course | Turkish |
| Type of Course | Compulsory |
| Course Coordinator |   |
| Instructor |  |
| Course Assistants |  |
| The aim of lesson | To provide the personnel who will work in port enterprises with the necessary knowledge and skills related to the commercial and technical management of port enterprises. |
| Course Learning Outcomes | This lesson finally student ;1- Can define the basic functions and features of ports and terminals.2- Evaluate the role of ports and terminals in the transportation sector.3- Explain the basic principles of port and terminal operations and organizational structure.4- Analyzes complex problems in the field of logistics and supply chain. |
| Course Content | Transportation industry , port and terminal concepts / functions entrance port \_ and at terminals boat and load types of containers of the terminals structure , features and load operations , general cargo of the terminals structure , features and load operations , cast load of the terminals structure , features and load operations , liquid load of the terminals structure , features and load operations , port and of terminals organization structure , developing transportation technologies to ports effects , port costs , competition , marketing , finance , port and intermodal transport at terminals system planning in ports dangerous your loads handling and stack sea \_ in transportation boat types and features , nautical industry structure and elements.basic marine concepts and terms , scheduled and unscheduled boat operations / ship charter operations and charter types : expedition based rental time \_ charter and bareboat charter. |
| **Weeks** | **Topics** |
| one | Introduction to port and terminal concepts/functions in the transport industry |
| 2 | Types of ships and cargo in ports and terminals |
| 3 | Structure, features and load operations of container terminals |
| 4 | Structure, features and cargo operations of general cargo terminals |
| 5 | Structure, characteristics and load operations of bulk cargo terminals |
| 6 | Structure, features and load operations of liquid cargo terminals |
| 7 | Organizational structure of ports and terminals |
| 8 | The effects of developing transportation technologies on ports |
| 9 | Port costs, competition, marketing, finance |
| 10 | Intermodal transport system planning in ports and terminals |
| 11th | Handling and stacking of dangerous goods in ports |
| 12 | Types and characteristics of ships in maritime transport |
| 13 | The structure and elements of the maritime industry. basic maritime concepts and terms |
| 14 | Scheduled and non-scheduled ship operations / Ship charter operations and charter types: voyage-based charter, time charter and bareboat charter |

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| **General Competencies** |
| from students this your lesson mother their subjects their understanding and fields with in applications their use expected . |
| **resources** |
| Erdal, M. (2017). *Container sea and port management* . 2nd Edition, Beta Edition Publication.Packard W, V. 'Sea-Trading, Volume 1 The Ships', Fairplay Publications /Alan E.Branch, The Elements of Shipping, Chapman and Hall Ltd / Video - on the bridge of Ebba Maersk, maersk line website. |
| **Evaluation System** |
| It is stated in the syllabus at the beginning of the semester. |

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| **WITH PROGRAM LEARNING OUTCOMES****COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **LO1** | 4 | 3 | 4 | 4 | - | 5 | one | 2 | 3 | 3 |
| **LO2** | 3 | 3 | 4 | 4 | - | 5 | one | 3 | 3 | 3 |
| **LO3** | 4 | 3 | 4 | 4 | - | 5 | one | 2 | 3 | 2 |
| **LO4** | 4 | 3 | 4 | 4 | - | 5 | one | 2 | 3 | 3 |
| **REVENGE: Learning Outputs OP: Program Outputs** |
| **Contribution****level** | **1 Very Low** | **2 Low** | **3 Medium** | **4 High** | **5 Very High** |

Relation of Program Outcomes and Related Course

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| **lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** |
| **Port Management and Operations** | 4 | 3 | 4 | 4 | - | 5 | one | 2 | 3 | 3 |

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