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| Course Title | Liner Operations  |
| Course Code | MANS-434 |
| Course Type | Elective |
| Level | 1st Cycle |
| Year / Semester | 4th Year, Spring Semester |
| Teacher’s Name |  |
| ECTS | 3 | Theory | Laboratory | Simulation | Tutorial |
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| Course Purpose and Objectives | The main objectives of the course are to:* Ensure a thorough knowledge and understanding of liner business.
* Understand the liner shipping operations, and the liner industry structure.
* Ensure knowledge of the concept of unitization and intermodalism.
* Develop an awareness and understanding of the legal aspects of liner trades.
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| Learning Outcomes | After completion of the course students are expected to be able to: * Thoroughly understand the characteristics of liner services and their difference from the tramp trades.
* Understand the Liner Trades of the world - container, Ro-Ro and residual break-bulk, their trade routes, ports and relative importance.
* Thoroughly understand the different types of container ships including cellular/non-cellular, post Panamax, hatchless, feeders, „fast ships‟ and other predicted developments.
* Understand the types of ro-ro ships including passenger and freight ferries, deep-sea roro/containerships, freight ro-ro ships and ro-ro ships for specialist traffic e.g. forest products.
* Thoroughly understand the paramount importance of bills of lading in the Liner Trades, their function and their role in international trade.
* Show an in depth understanding of the implications for the tanker trades and the practical effects of environmental protection and pollution liability legislation including MARPOL, USA OPA and EU legislation.
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| Prerequisites | None | Required | None |
| Course Content | 1. Definition of Liner Trades
2. The Ships
3. Port Terminals and Cargo Handling
4. Containerization, Intermodal, Transport and Logistics
5. Liner industry structure
6. Bills of Lading and Other documents
7. Financial aspects of import and export business
8. Legal aspects of liner trades
9. Relevant E.U. Directives and Legislation
10. International Conventions
11. Shipping Law
12. Control of Ships by Host States and Ports
13. Security and Environment
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| Teaching Methodology | Lectures, in-class assignments, sound and video equipment, computer, projector, field training  |
| Bibliography | 1. Required Textbooks/Reading:

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| --- | --- | --- | --- | --- |
| Authors | Title | Publisher | Year | ISBN |
| Collins, Nick | The essential guide to chartering and the dry freight market | ClarksonResearchStudies | 2000 | 9780900291975 |

1. Recommended Textbooks/Reading:

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| Authors | Title | Publisher | Year | ISBN |
| Isbester Capr. Jack | Bulk carrier practice: a practical guide, 2nd edition | Nautical Insitute | 2010 | 9781870077163 |

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| Assessment | Homework, in-class assignments, projects, midterm, final exam. |
| Language | English  |