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| Course Title | **Ship’s Inspections** | | | | | | |
| Course Code | MANS-337 | | | | | | |
| Course Type | Required | | | | | | |
| Level | 1st Cycle | | | | | | |
| Year / Semester | 3rd 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:   * introduce the appropriate inspection procedures * explain the damage restoration process * contribute in the location of deficiencies in parts of the vessel that are crucial to its integrity * introduce vital vetting procedures with the involvement of navigation, communications and safety officers * describe the various Port State Control procedures according to MOU | | | | | | |
| Learning Outcomes | After completion of the course students are expected to be able to:   * apply the proper inspection procedures to all parts of the vessel * follow the approved damage repair procedures * locate the existing deficiencies in all the critical parts of the vessel * determine the parts of the vessel that are directly related to the safety * comply with the fundamental vetting requirements * recognize the various Port State Control requirements | | | | | | |
| Prerequisites | MANS-132 | | Required | | | None | |
| Course Content | * Location of areas sensitive to damages * Establishment of a rotation system that ensures the inspection of all the vital parts of the vessel * Specific structural parts of vital importance to the safety of the vessel * Inspection procedures * Possible damage repairs on board * Advanced inspection program * Relevant IMO requirements * Vetting inspections * Items to be checked by the navigation, communication and safety officers * IMO “Procedures for Port State Control” * Dangerous cargo | | | | | | |
| Teaching Methodology | Lectures, in-class assignments, sound and video equipment, computer, projector | | | | | | |
| Bibliography | * + - 1. **Required Textbooks/Reading:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Authors** | **Title** | **Publisher** | **Year** | **ISBN** | | Caridis, P. | Inspection repair and maintenance of ship structures | Witherby | 2009 | 9781905331376 |  * + - 1. **Recommended Textbooks/Reading:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Authors** | **Title** | **Publisher** | **Year** | **ISBN** | | IMO | Guidelines on the enhanced program of inspections during survey of bulk carriers and oil tankers | IMO | 2008 | 978-92801-14966 | | OCIMF | Ship inspection report program | OCIMF | 2015 |  | | | | | | | |
| Assessment | Homework, in-class assignments, projects, exams, final exam. | | | | | | |
| Language | English | | | | | | |