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| Course Title | **Crisis Management – Risk Assessment** | | | | | | |
| Course Code | MANS-334 | | | | | | |
| Course Type | Required | | | | | | |
| Level | 1st Cycle | | | | | | |
| Year / Semester | 3rd Year, Fall 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:   * present the basic techniques to manage critical situations * examine the human role in the progression of a crisis * introduce crisis management procedures and the applicable codes * explain the need to consider risk assessment procedures on board * display the risk assessment procedures and relevant practices on board | | | | | | |
| Learning Outcomes | After completion of the course students are expected to be able to:   * apply the basic crisis management techniques on board * comprehend the importance of the human factor in the progression of a crisis * employ the crisis management procedures and the applicable codes in real life situations on board * realize the reasons why risk assessment procedures should be implemented as standard working practices on board * utilize the approved risk assessment procedures according to the company accident prevention policies. | | | | | | |
| Prerequisites | None | | Required | | | None | |
| Course Content | * Organization of emergency procedures on board * Maximization of the contribution of all emergency means * Organization of realistic drills * Reaction control in emergency situations * Evaluation and effective response to emergency situations * Leadership abilities * Leading a response team and guiding a group of passengers during an emergency * Evaluation of possible panic problems and response techniques * Establishment and maintenance of effective communications * Crowd characteristics * Vessel’s structural damage control * Definition of formal safety assessment context * Identification of hazards –ranking of accident scenarios * Risk analysis – ranking of factors * Risk control options * Cost – benefit assessment * Incident report – near miss – operational failure * Objectivity of the assessment * Human reliability analysis * Forms used on board | | | | | | |
| Teaching Methodology | Lectures, in-class assignments, sound and video equipment, computer, projector | | | | | | |
| Bibliography | * + - 1. **Required Textbooks/Reading:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Authors** | **Title** | **Publisher** | **Year** | **ISBN** | | Regester, M., Larkin, J. | Risk issues and crisis management | London and Sterling, VA | 2005 | 0–7494–4382–0 |  * + - 1. **Recommended Textbooks/Reading:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Authors** | **Title** | **Publisher** | **Year** | **ISBN** | | Booth, S., A. | Crisis management strategy | Routledge | 2015 | 9781317292715 | | Det Norske Veritas | Marine risk assessment | Det Norske Veritas | 2002 | 0-7176-2231-2 | | | | | | | |
| Assessment | Homework, in-class assignments, projects, exams, final exam. | | | | | | |
| Language | English | | | | | | |