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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
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| 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.
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| 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
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| Teaching Methodology | Lectures, in-class assignments, sound and video equipment, computer, projector  |
| Bibliography | * + - 1. **Required Textbooks/Reading:**

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| --- | --- | --- | --- | --- |
| **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:**

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| **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 |

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