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| Course Title | **Emergencies and SAR**  |
| Course Code | MANS-336 |
| Course Type | Required |
| Level | 1st Cycle |
| Year / Semester | 3rd Year, Spring Semester  |
| Teacher’s Name |  |
| ECTS | 3 | Theory | Laboratory | Simulation | Tutorial |
| 2 | --- | --- | --- |
| Course Purpose and Objectives | The main objectives of the course are to:* display the contents of IAMSAR manual
* exhibit the basics on the vessels reporting systems
* demonstrate the various ship’s procedures to be followed in case of emergency
* present the emergency drills and the frequency with which they must be executed
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| Learning Outcomes | After completion of the course students are expected to be able to: * implement the provisions of the International Aeronautical and Marine Search and Rescue Manual
* comprehend the vessel reporting systems common procedures
* perform the appropriate procedures in case of emergency
* realize the importance of emergency drills
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| Prerequisites | None | Required | None |
| Course Content | * Vessel reporting systems
* Importance of participation in VRS
* IAMSAR manual
* Search And Rescue procedures under adverse conditions
* Best SAR practices on board
* Emergency procedures (grounding, leaking, collision, fire, ways of evacuation, etc)
* Examples of actions or omissions leading to emergency situations
* Emergency drills 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** |
| Macelrevey, D.H. | Shiphandling for the Mariner | Cornell Maritime Press | 2004 | 978-0870335587 |

1. **Recommended Textbooks/Reading:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Title** | **Publisher** | **Year** | **ISBN** |
| IMO | IAMSAR manual | IMO | 2013 | 978-92-801-14881 |
| IMO | Ships’ routing | IMO | 2013 | 978-92-801-15543 |

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