

Course Title	GMDSS				
Course Code	MANS-311				
Course Type	Required				
Level	1 st Cycle				
Year / Semester	3 rd Year, Fall Semester				
Teacher's Name	Mr. Tapanides Panayiotis (Supervisor)				
ECTS	7	Theory	Laboratory	Simulation	Tutorial
		3	---	3	---
Course Purpose and Objectives	<p>The main objectives of the course are to:</p> <ul style="list-style-type: none"> • implement the importance of following the proper communications practices • provide a theoretical and practical background for the effective use of GMDSS • display in detail the emergency procedures • discuss all the consequences of a false alarm • present the actions that must be made in such a case • introduce the basic maintenance principles 				
Learning Outcomes	<p>After completion of the course students are expected to be able to:</p> <ul style="list-style-type: none"> • follow the required procedures in all stages of GMDSS communications • operate the system efficiently in all emergency condition • execute successfully all the safety and distress procedures even under stress • comprehend the consequences of a false alarm • follow all the necessary steps to avoid a false alarm • perform all the crucial actions in case of a false alarm • monitor the working condition of the GMDSS installation carrying out the all the required checking and restoring minor problems 				
Prerequisites	MANS-113	Required		None	
Course Content	<ul style="list-style-type: none"> • Mobile nautical service communication types • SOLAS convention and GMDSS • Radio-communication rules by the ITU • Description of typical GMDSS station • Antennas • GMDSS satellite communications • Safety – security and distress messages transmission, reception, relay • False alarms – precautions - consequences 				

	<ul style="list-style-type: none"> • Actions to be taken in case of false alarm • Conventional means - maintenance • Non GMDSS systems • GMDSS check lists and log book • Equipment maintenance • System failures 														
Teaching Methodology	GMDSS simulation and theory at BSM Maritime Training Centre														
Bibliography	Required Textbooks/Reading:														
	<table border="1"> <thead> <tr> <th>Authors</th> <th>Title</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>NP 285</td> <td>Global Maritime Distress and Safety System</td> <td>UK Hydrographic Office</td> <td>2002</td> <td></td> </tr> </tbody> </table>	Authors	Title	Publisher	Year	ISBN	NP 285	Global Maritime Distress and Safety System	UK Hydrographic Office	2002					
	Authors	Title	Publisher	Year	ISBN										
	NP 285	Global Maritime Distress and Safety System	UK Hydrographic Office	2002											
Recommended Textbooks/Reading:															
<table border="1"> <thead> <tr> <th>Authors</th> <th>Title</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>IMO</td> <td>GMDSS manual</td> <td>IMO</td> <td>2013</td> <td>978-92-801-15758</td> </tr> <tr> <td>IMO</td> <td>Performance standards for ship borne radio communications and navigational equipment</td> <td>IMO</td> <td>2011</td> <td>9789280115239</td> </tr> </tbody> </table>	Authors	Title	Publisher	Year	ISBN	IMO	GMDSS manual	IMO	2013	978-92-801-15758	IMO	Performance standards for ship borne radio communications and navigational equipment	IMO	2011	9789280115239
Authors	Title	Publisher	Year	ISBN											
IMO	GMDSS manual	IMO	2013	978-92-801-15758											
IMO	Performance standards for ship borne radio communications and navigational equipment	IMO	2011	9789280115239											
Assessment	Examination on GMDSS simulator and provision of Certificate by approved and certified training center – BSM Maritime Training Centre														
Language	English														