Course Title	Practical Training on Board
Course Code	MANS-290
Course Type	Required
Level	1st Cycle
Year / Semester	1st Year, Summer, 2nd Year Fall Semester
Teacher's Name	Captain. Dr. Frangos Andreas

ECTS	30	Theory	Laboratory	Simulation	Tutorial	Seminar

Course Purpose and Objectives	The main objectives of the practical training are to : • Provide the students with real life practical training • Give students an insight into working life on board a ship • Undertake everyday duties on board a ship • Undertake Project work
Learning Outcomes	After completion of the course students are expected to be familiar with: • Safety procedures and shipboard familiarisation • Particulars of Ships • International regulations for preventing collisions at sea. • Navigation at operational Level • Steering Training • Cargo handling and stowage at operational level • Cargo handling and stowage tasks for Tankers if applicable • Controlling the operation of the ship and care for persons on board at operational Level

Prerequisites	To have successfully completed all modules in semester 1 and 2	Required	All year 1 courses
Assessment	ISF on board training record book completion by supervisor on board and by the student evidencing progress made and tasks achieved		
Language	English		

Course Title	GMDSS
Course Code	MANS-311
Course Type	Required
Level	1st Cycle
Year / Semester	3rd Year, Fall Semester
Teacher's Name	Mr. Tafanides Panayiotis (Supervisor)

ECTS	7	Theory	Laboratory	Simulation	Tutorial
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Course Purpose and Objectives	The main objectives of the course are to: • 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	After completion of the course students are expected to be able to: • 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	- 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 - 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:**

Authors	Title	Publisher	Year	ISBN
NP 285	Global Maritime Distress and Safety System	UK Hydrographic Office	2002	

Recommended Textbooks/Reading:

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