

Course Title	Simulation BTM - BRM				
Course Code	MANS-115				
Course Type	Required				
Level	1 st Cycle				
Year / Semester	4 th Year, Spring Semester				
Teacher's Name	Captain. Dr. Andreas Frangos (supervisor)				
ECTS	3	Theory	Laboratory	Simulation	Tutorial
		1	---	2	----
Course Purpose and Objectives	<p>The main objectives of the course are to:</p> <ul style="list-style-type: none"> • simulate real life conditions in order to familiarize the students with adverse bridge situations • introduce the basic Bridge Team Management principles • demonstrate the basic Bridge Recourse Management principles 				
Learning Outcomes	<p>After completion of the course students are expected to be able to:</p> <ul style="list-style-type: none"> • implement the basic BTM principles • apply the basic BRM principles • respond to unpredicted bridge situations according to the BTM – BRM principles 				
Prerequisites	None	Required	None		
Course Content	<ul style="list-style-type: none"> • Differences and similarities among the bridge team • Cultural awareness • Briefing – debriefing procedures • Interaction between pilot and the bridge team, communication techniques • Exchange of information between all persons involved • Challenge of the person in conn. Response of the team members • Confidence and authority • Importance of workload and stress • Allocation of duties 				

	<ul style="list-style-type: none"> • Basic watch keeping principles as referred to in STCW 2010 reg VIII/2 • Bridge electronic equipment • Electronic equipment information evaluation • Radar and position fixing • ECDIS and watch keeping • Charts and publications information evaluation • Wind and current inputs • Engine controls on bridge • Gathering and development of information necessary for the execution of the voyage 														
Teaching Methodology	Bridge simulator 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>Swift, Capt A.J</td> <td>Bridge Team Management – A practical guide</td> <td>The Nautical Institute</td> <td>1993</td> <td>1-870077-14-8</td> </tr> </tbody> </table>	Authors	Title	Publisher	Year	ISBN	Swift, Capt A.J	Bridge Team Management – A practical guide	The Nautical Institute	1993	1-870077-14-8				
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Assessment	Examination on Bridge simulator and provision of Certificate by approved and certified training center – BSM Maritime Training Centre														
Language	English														