

**COURSE LIST**  
**2009 – 2013 SERIES**

<b>Course description</b>	<b>PERSONAL SAFETY AND SOCIAL RESPONSIBILITIES</b>					
Course code		Year	I	Number of credits	2	
		Semester	2			
Faculty	Navigation and Naval Transport Naval Electromechanics	The number of hours per semester / activities				
Domain	Naval Engineering and Navigation	Total	C	S	L	P
Specialization	Navigation and Maritime and River Transport Electromechanics Electrotechnics	28	14	-	14	-

Approved,  
UMC RECTOR  
Prof. Cornel PANAIT, Ph.D.

Approved,  
Romanian Naval Authority

PROMOTION AND IMO COURSES DEPARTMENT DIRECTOR,  
Sen.lect.Dr.eng. Liviu Constantin STAN

Course type <b>DF</b> -fundamental, <b>DD</b> -engineer, domain specific, <b>DS</b> -specialized, <b>DC</b> -complementary	DS
Course optionality: <b>DI</b> -required, <b>DO</b> -optional, <b>DF</b> - facultative	DF

Previous courses	<b>Obligations</b> (conditioned)	
	<b>Recommended</b>	

Objectives	Due to the vastly different environment on a ship as compared to ashore, this course is designed to prepare new recruits for a life at sea. Working on a ship can be hazardous occupation for the uninitiated. This course will give new seafarers an insight into the various elements of a ship and working procedures on board so that they adjust to the shipboard environment, and are better prepared to cope with any unforeseen circumstances. To that existent course is planned to make their transition from a shore to a sea career smooth and give some knowledge of ship's working before they actually step on board a ship.
Content (descriptors)	<ol style="list-style-type: none"> <li>1. Safe working practices <ol style="list-style-type: none"> <li>1.1. Introduction</li> <li>1.2. Ship familiarization</li> </ol> </li> </ol>

	<ol style="list-style-type: none"> <li>1.3. Nature of shipboard hazards</li> <li>1.4. Equipment provided on board to counter hazards</li> <li>1.5. Operations that take place on board which can be hazardous</li> <li>1.6. Loading and unloading of cargoes</li> <li>1.7. Mooring and unmooring</li> <li>1.8. Enclosed spaces</li> <li>1.9. Hot work</li> <li>1.10. Engine-room watchkeeping and maintenance</li>   <li>2. Contribute to effective human relationships on board ship – Human relationships on board ship <ol style="list-style-type: none"> <li>2.1. Interpersonal relationships</li> <li>2.2. Team building</li> <li>2.3. Team work</li> </ol> </li>   <li>3. Understand orders and be understood in relation to shipboard duties <ol style="list-style-type: none"> <li>3.1. Fundamentals of communication</li> <li>3.2. Methods of communication</li> <li>3.3. Barriers in communication</li> <li>3.4. Effective transmission skills</li> <li>3.5. Effects and consequences of wrong communication</li> </ol> </li>   <li>4. Emergency procedures <ol style="list-style-type: none"> <li>4.1. Definition of “emergency”</li> <li>4.2. Drills and muster</li> <li>4.3. Value and need of drills and training</li> <li>4.4. Internal communication</li> </ol> </li>   <li>5. Take precautions to prevent pollution of the marine environment <ol style="list-style-type: none"> <li>5.1. Definition of term “pollution”</li> <li>5.2. Effects on operational or accidental; pollution of the marine environment</li> <li>5.3. International measures for pollution prevention, pollution avoidance and containment of pollutants</li> <li>5.4. Pollution by sewage from ships</li> <li>5.5. Pollution by garbage from ships</li> <li>5.6. Control of oil discharge from ships</li> <li>5.7. Contents of Oil Record Book</li> <li>5.8. Control of discharge of oil and special areas</li> <li>5.9. Introduces the contents of Annex VI of MARPOL</li> </ol> </li>   <li>6. Social responsibilities on board ship <ol style="list-style-type: none"> <li>6.1. Rights and obligation of crew</li> <li>6.2. Employment conditions</li> <li>6.3. Drugs and alcohol</li> <li>6.4. Health and hygiene on board</li> </ol> </li> </ol>
Competences	<ul style="list-style-type: none"> <li>- Observe safe working practices</li> <li>- Contribute to effective human relationships on board ships : human relationships on board ship</li> <li>- Understand orders and be understood in relation to shipboard duties</li> <li>- Comply with emergency procedures</li> <li>- necessary actions to prevent pollution</li> </ul>
Test and evaluation	Test and practical work

Final grade (percentage)	- answers to exam / colloquium / practical work		80%		
	- certified applied activities / lab / practical work / project, etc..		20%		
Bibliography	The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1995 International Convention for the Safety of Life at Sea, 1974 International Convention for the Prevention of Pollution from Ships, 1973/78 IMO Life-Saving Appliances Code Standard Marine Navigational Vocabulary Human Resources Management for Marine Personnel International Safety Management Code Guidelines for the Development of Shipboard Oil Pollution Emergency Plans ILO Code of Practice for Accident Prevention on Board Ship at Sea and in Port. Code of Safety Working Practices for Merchant Seamen. London, The Stationerz Office Publications Centre, 1988 ICS/OCIMF/IAPH, International Safety Guide for Oil Tankers and Terminals, London, Witherby and Co. Ltd., 1996 Drug and Alcohol Prevention Programmes in the Maritime Industry, ILO, 1996				
List of needed materials	Training Equipment Demonstration Video				
Balance of spent hours	<b>Chapter nr.</b>	<b>Course Hours</b>	<b>Seminar Hours</b>	<b>Laboratory Hours</b>	<b>Project Hours</b>
	Total hours				
	Evaluation				
	Total	<b>28 hours</b>			

Lecturer Position, title, first name, name	Signature
Sen.lect.Drd.eng Hanzu-Pazara Radu	
Head of chair Position, title, first name, name	Signature
Prof. Zidaru Nicolae, Ph. D	
Head of IMO Department Position, title, first name, name	Signature
Sen.lect.Dr.eng. Liviu Stan	

Legend: C-course, S-seminar, L- Laboratory or simulator activities, P- project or practical work