

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

<b>Course description</b>		<b>PROFICIENCY IN PERSONAL SURVIVAL TECHNIQUES</b>				
Course code		Year	1	Number of credits	1	
		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	14	-	14	-	-

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

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Romanian Naval Authority

PROMOTION AND IMO COURSES DEPARTMENT DIRECTOR,  
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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	This course aims to meet the mandatory minimum requirements for seafarers in familiarization, basic safety training and instruction in accordance with Section A-VI/1 of International Convention on Standards of Training, Certification and Watchkeeping for Seafarers 1978, as amended in 1995.
Content (descriptors)	<b>1. Introduction Safety and Survival</b> 1.1. Safety Guidance 1.2. Principles of Survival at sea 1.3. Definitions, survival craft and appliances 1.4. SOLAS Training manual 1.5. Safety Symbols <b>2. Emergency Situations</b>

	<ol style="list-style-type: none"> <li>2.1. Types of emergencies</li> <li>2.2. Precautions</li> <li>2.3. Fire Previsions</li> <li>2.4. Foundering</li> <li>2.5. Crew expertise and initial familiarization</li> <li>2.6. Muster List and emergency instructions</li> <li>2.7. Crew and emergency instructions</li> <li>2.8. Abandon ship - complications</li> <li>3. Evacuation <ol style="list-style-type: none"> <li>3.1. Abandoning ship – last resort</li> <li>3.2. Personal preparation for abandoning ship</li> <li>3.3. Need to prevent panic</li> <li>3.4. Crew duties to passengers</li> <li>3.5. Crew duties – launching survival craft</li> <li>3.6. Master's orders to abandon ship</li> <li>3.7. Means of Survival</li> </ol> </li> <li>4. Survival Craft and Rescue boats</li> <li>5. Personal Life-saving appliances <ol style="list-style-type: none"> <li>5.1. Lifebuoys</li> <li>5.2. Lifejackets</li> <li>5.3. Immersion suits/anti-exposure suit</li> </ol> </li> <li>6. Survival at sea <ol style="list-style-type: none"> <li>6.1. Danger to survivors</li> <li>6.2. Best use of survival craft facilities</li> </ol> </li> <li>7. Emergency radio equipment <ol style="list-style-type: none"> <li>7.1. Portable radio apparatus for survival craft (VHF)</li> <li>7.2. Emergency position-indicating radio beacons (EPIRB)</li> <li>7.3. Search and Rescue transponders (SART)</li> </ol> </li> <li>8. Helicopter assistance <ol style="list-style-type: none"> <li>8.1. Communicating with the helicopter</li> <li>8.2. Evacuation from ship and survival craft</li> <li>8.3. Helicopter pick-up</li> <li>8.4. Utilizarea corecta a echipamentului de ridicare al elicopterului</li> </ol> </li> </ol>					
Competences	<ul style="list-style-type: none"> <li>- knowing the types of emergencies that may occur on board ship</li> <li>- knowing the existing types of life-saving equipment on board vessels</li> <li>- knowing the rescue boat equipment</li> <li>- Location of personal life-saving appliances</li> <li>- Principles concerning survival.</li> </ul>					
Test and evaluation	Tests and practical work					
Final grade (percentage)	- answers to exam / colloquium / practical work				80%	
	- certified applied activities / lab / practical work / project, etc.				20%	
Bibliography	SOLAS 74 Convention MERSAR 1980 IMO-SAR 1988					
List of needed materials	Life jackets, rescue boat, inflatable raft					
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>14 hours</b>	

Lecturer Position, title, first name, name	Signature
Sen.lect.Dr.eng. Grosan Voicu Nicolae	
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