

Subject card

Subject name and code	Sea communication - lecture, PG_00092794						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	Bachelor's studies	Subject group			Obligatory subject group in the field of study		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			1.0		
Learning profile	practical	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Janusz Grabas				
	Teachers		dr inż. Janusz Grabas				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	6.0	0.0	0.0	0.0	0.0	6
	E-learning hours included: 0.0						
	Additional information: lecture with multimedia presentation						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	6		0.0		3.0	9
Subject objectives	To familiarise students with:the use of the MKS, the principles of transmitting and receiving light and sound signals and using signal flags in accordance with the MKS,reporting systems, maritime radiocommunication, the tasks of the maritime mobile service, the order of priority of communications, radio regulations, shipboard radio documents and publications: determining data for communications, conducting communications in distress and for safety at sea.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[HML3-W02] selected phenomena and processes occurring in the hydrosphere, atmosphere, lithosphere and biosphere, their interconnections and relations, as well as practical applications of this knowledge in professional activities related to the field of study	knows: the principles of transmitting and receiving sound, light and flag signals in accordance with the MKS; types and order of priority of radio communications; service documents and publications; principles of using the VHF band; basic communications regulations and procedures for the GMDSS.	[SW4] test/exam - oral or written
	[HML3-K01] correctly identify and resolve professional dilemmas, especially in the aspects of security and entrusted property	is able to: correctly identify and resolve problems in the use of communications equipment	[SK4] test/exam - oral or written
	[HML3-W07] principles of operation and use of measuring instruments used in professional activities related to the field of study, including the principles of their calibration and assessment of accuracy	knows: the principles of transmitting and receiving sound, light and flag signals in accordance with the MKS; types and order of priority of radio communications; service documents and publications; principles of using the VHF band; basic communications regulations and procedures for the GMDSS.	[SW4] test/exam - oral or written
[HML3-K02] correctly determine the priorities in professional work for the implementation of a task specified by himself/ herself or others	is able to: prioritise communications in terms of the tasks to be performed	[SK4] test/exam - oral or written	
Subject contents	<p>Receiving and transmitting sound and light signals.</p> <p>MKS, flag signalling, use of letter signals.</p> <p>Reporting systems.</p> <p>General maritime radiocommunication issues:</p> <ul style="list-style-type: none"> • characteristics of the maritime mobile service, • frequency bands used, • types and designations of radio emissions, • priority order of radio communications, • identification of radio stations, • service documents and publications. 		
Prerequisites and co-requisites	<p>This subject is required by the Regulation of the Minister of Infrastructure and Development of 5 February 2014 on framework training programs and examination requirements for deck department seafarers (consolidated text: Journal of Laws of 2023, item 1566): attendance at all classes is mandatory. The Naval Academy allows students to make up up to 20% of their excused absence from these classes in a way that allows them to acquire the missing knowledge and skills. Students who have passed the course but, due to absences exceeding 20% of the classes or who did not make up the classes in a way that allows them to acquire the missing knowledge and skills, will not receive an entry in the supplement confirming completion of studies recognized at the operational level in coastal navigation.</p>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	colloquium	51.0%	100.0%
Recommended reading	Basic literature	<p>CZAJKOWSKI J., KORCZ K.: Podręcznik operatora radiotelefonisty VHF i operatora w służbie śródlądowej. Gdańsk 2008 (in Polish)</p> <p>CZAJKOWSKI J.: System GMDSS regulaminy, procedury i obsługa. Skryba, Gdańsk 2002. (in Polish)</p> <p>Międzynarodowy Kod Sygnałowy. Wydawnictwo Morskie, Gdańsk 1990. (in Polish)/ International Code of Signals. IMO 2005</p>	

	Supplementary literature	Radio Regulations. ITU, Genewa 2016. Solas Consolidated Edition 2001, International Maritime Organization, London.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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