

Subject card

Subject name and code	Sea communication - laboratory classes , PG_00131450						
Field of study	Marine Hydrography						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study Subject group related to practical vocational preparation		
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		0.0		
Learning profile	practical		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Janusz Grabas				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	15
	E-learning hours included: 0.0						
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	15		1.0		5.0	21
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-U15] communicate using a variety of techniques, including non-verbal and different technical means in the professional environment and in other environments		is able to communicate in an emergency and for safety reasons		[SU1] oral statement/conversation/discussion		
	[HML3-U11] use navigation devices, means of technical observation and communication as well as measuring instruments, as well as apply in practice various techniques of measurement and observation in the field of professional activity related to the field of study		is able to make reports in the reporting system, identify data for communication;		[SU1] oral statement/conversation/discussion		
	[HML3-U08] independently use the professional literature available in traditional and electronic form, make an assessment, critical analysis and synthesis as well as the correct interpretation of the information obtained		is able to give and receive sound, light and flag signals in accordance with the MKS;		[SU1] oral statement/conversation/discussion		

Subject contents	Receiving and transmitting sound and light signals.		
	MKS, flag signalling, use of letter signals.		
	Reporting systems.		
	General maritime radiocommunication issues:		
	• 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	Subject required by the Regulation of the Minister of Infrastructure and Development of February 5, 2014, on framework training programs and examination requirements for deck department seafarers (i.e., Journal of Laws 2023, item 1566): attendance at all classes is mandatory. AMW allows students to make up for up to 20% of excused absences from these classes in a form that enables them to acquire the missing knowledge and skills. Students who have passed the course but, due to absences exceeding 20% of classes or failure to make up for classes in a form that allows them to obtain the missing knowledge and skills, do not receive an entry in the supplement confirming completion of studies recognized at the operational level in coastal shipping.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	oral assessment	51.0%	100.0%
Recommended reading	Basic literature	CZAJKOWSKI J., KORCZ K.: Podręcznik operatora radiotelefonisty VHF i operatora w służbie śródlądowej. Gdańsk 2008 (in Polish) CZAJKOWSKI J.: System GMDSS regulaminy, procedury i obsługa. Skryba, Gdańsk 2002. (in Polish) Międzynarodowy Kod Sygnałowy. Wydawnictwo Morskie, Gdańsk 1990. (in Polish)/ International Code of Signals. IMO 2005	
	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		

Document generated electronically. Does not require a seal or signature.