University of Gdańsk

Subject card

Subject name and code	Sea Communication - laboratory classes , PG_00201093		
Field of study	Marine Hydrography		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
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	1.0
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	9.0	25

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-U08] is able to 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
[HML3-U11] is able to 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-U15] is able to 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

<table>
<tr><td>Subject contents</td><td>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.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>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.</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>oral assessment</td><td>51.0%</td><td>100.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>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</td></tr><tr><td>Supplementary literature</td><td>Radio Regulations. ITU, Genewa 2016.
Solas Consolidated Edition 2001, International Maritime Organization, London.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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