

Subject card

Subject name and code	Occupational Safety and Health (classes), PG_00131443						
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 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	1	ECTS credits			0.0		
Learning profile	practical	Assessment form			credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		mgr inż. Leszek Stępień				
	Teachers		mgr inż. Leszek Stępień				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	5.0	0.0	0.0	0.0	5
	E-learning hours included: 0.0						
	Additional information: Analysis of critical incidents (cases) Discussion						
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	5		1.0		3.0	9
Subject objectives	<p>To familiarise students with current legislation on Occupational Health and Safety, types of hazards and anticipation of hazards that may occur during hydrographic work.</p> <p>To familiarise students with the training of subordinates at workplaces, securing the accident site, preparing and maintaining the required post-accident documentation, conducting post-accident investigations.</p> <p>To familiarise students with the principles of ergonomics at the workstation.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[HML3-U18] work individually and in team, manage the work of the team, in particular comply with health and safety regulations and ergonomics	is able to apply the provisions of labour law and other legal bases relating to the profession of hydrography, in particular health and safety regulations and ergonomic principles, in organising and supervising work at individual superior and subordinate positions; is able to apply the principles of ergonomics in the practice of work ergonomics, conformity of effects with standards and acceptable margin of error;	[SU5] implementation of a problem task
	[HML3-W18] basic principles of creation and development of various forms of entrepreneurship, including the principles of effective organisation and coordination of work	knows the basic principles for the creation and development of various forms of entrepreneurship, including the principles of effective organisation and coordination of the work of subordinate staff.	[SW5] implementation of a problem task
	[HML3-W15] labour law and other legal bases related to the profession of hydrographer, in particular health and safety regulations and ergonomic principles	- is familiar with labour legislation and other legal bases related to the profession of hydrography, in particular health and safety regulations and ergonomic principles; - is familiar with the concepts of work ergonomics, efficiency and compliance with standards;	[SW5] implementation of a problem task
Subject contents	<p>International Labour Organisation, tasks. Legal basis of occupational health and safety, scope of occupational health and safety issues. State Labour Inspectorate and its tasks. The Copyright Act. The rights and obligations of the employee and the workplace manager relating to occupational health and safety in light of the Labour Code, including the required training, both initial and on the job. Holding employees liable for any type of non-compliance with health and safety regulations. Powers of: State Labour Inspectorate, Social Labour Inspectorate, State Sanitary Inspectorate, Occupational Health and Safety Services at the workplace, in particular upon the occurrence of an accident at work or on the way to and from work to home. Software licensing. Principles of operating electrical equipment including computers. Factors causing hazards at the workplace and ways of their prevention. Principles of safe work when using electrical equipment, protection against electric shock. Accidents, first aid and post-accident procedures. Ergonomics of the workplace, principles of ergonomic work at the computer and office equipment. Required safeguards for the use of machinery and equipment and for repair and maintenance work, in particular welding and metal cutting.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	attendance and activity in class	75.0%	100.0%
Recommended reading	Basic literature	1. ŁĄCZYŃSKI B., ŁĄCZYŃSKI H.: Safe work of deck crews on merchant ships. AM, Gdynia 2003. 2. PUCHALSKI J., UCIŃSKI H.: Vade mecum of the deck seaman, Trademar 2015.	
	Supplementary literature	Selected legislation - updated on a regular basis.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>1. Ergonomic analysis of various job positions on ships.</p> <p>2. Hazards and accident rates during typical deck work on ships.</p> <p>3. Risk assessment when organizing particularly dangerous work.</p>		
Work placement	Not applicable		

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