University of Gdańsk

Subject card

Subject name and code	Occupational Safety and Health - classes, PG_00198752						
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	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						
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						
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	To familiarise students with current legislation on Occupational Health and Safety, types of hazards and anticipation of hazards that may occur during hydrographic work. 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. To familiarise students with the principles of ergonomics at the workstation.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[HML3-W18] knows and understands key principles of creation and development of various forms of entrepreneurship, including the principles of effective organisation and coordination of work	knows and understands at an advanced level the fundamental principles 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] knows and understands labour law and other legal bases related to the profession of hydrographer, in particular health and safety regulations and ergonomic principles	- knows and understands, at an advanced level, labor law regulations and other legal bases related to the profession of hydrographer, in particular health and safety regulations and ergonomic principles; - knows and understands, at an advanced level, the concepts of work ergonomics, efficiency, and compliance with standards	[SW5] implementation of a problem task
[HML3-U18] is able to 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

Subject contents

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.

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	1. Ergonomic analysis of various job positions on ships. 2. Hazards and accident rates during typical deck work on ships. 3. Risk assessment when organizing particularly dangerous work.
Work placement	Not applicable

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