University of Gdańsk

Subject card

Subject name and code	Basic Training in Safety and Security - lecture, PG_00198784						
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	3.0			
Learning profile	practical		Assessment form	credit			
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Piotr Bekier				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	48.0	0.0	0.0	0.0	0.0	48
	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	48		2.0		25.0	75
Subject objectives	Acquiring knowledge and skills in the field of: • saving lives at sea in the event of having to abandon ship, • minimizing the risk of fire and responding to emergencies related to fire on the ship, • providing first aid to injured persons on the ship, • preventing and responding to hazardous situations on the ship, preventing contamination of the marine environment and observing occupational safety, • recognizing threats to navigation safety and selecting appropriate security procedures.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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: respond appropriately to fire threats and use portable firefighting equipment depending on the type of fire and the number of people involved in fighting the fire; take actions in the field of providing first aid, in particular: recognizing cardiac arrest, performing cardiopulmonary resuscitation, placing the injured person in a safe position, stopping bleeding, recognizing and immobilizing fractures, securing the injured person in post-traumatic shock, providing first aid for burns; Communicate with the crew in English, give commands, obey commands; identify types of threats on the ship and respond to them appropriately; properly use personal protective equipment, recognize alarm signals, distinguish human behavior and understand the threats caused by addictions	[SU6] demonstration of practical skills
[HML3-K01] is ready to correctly identify and resolve professional dilemmas, especially in the aspects of security and entrusted property	is ready to: cooperation in the international environment, taking into account the character, personality and religious differences of the ship's crew members. Tolerance of cultural differences and language restrictions. Breaking down barriers to communication and communicating effectively	[SK8] observation of student's independent or team work

Subject contents

1. Individual and collective rescue measures; techniques for evacuating people from the ship. Rules for survival of a survivor in water and in collective rescue measures; danger signals, pyrotechnics; organization of search and rescue operations. Rules of cooperation with a helicopter; practical exercise in a swimming pool.
2. General information on fire protection on ships; rules for preventing, detecting and fighting fires on ships; fire extinguishing means and systems available on the ship; organization and techniques of fire fighting on a ship; practical exercise in fire fighting at a fire training ground.
3. Immediately life-threatening conditions; recognizing breathing and circulatory disorders; resuscitation techniques; arterial and venous bleeding, stopping hemorrhages; burns, electric shock, rules of conduct for the injured; fractures and dislocations, immobilization principle, spinal immobilization; transport of the sick and injured on a ship, preparation of transport by helicopter; recognizing people under the influence of alcohol and drugs, rules of dealing with intoxicated people.
4. International ship and navigation safety and environmental regulations; regulations on occupational health and safety on seagoing ships and personal protective equipment and anti-pollution equipment; updating knowledge about threats (terrorism, sabotage, acts of piracy); practical exercises in the ability to communicate in English in emergency situations and in business conversations; stress and its impact on the human body.
5. Protection of shipping and sea ports, threats in shipping, protection methodology, importance and necessity of application.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
skill demonstration	51.0%	100.0%

Recommended reading

Basic literature

1. GETKA R.: Przeciwpożarowe urządzenia i instalacje gaśnicze na statkach.
2. GRZYWACZEWSKI Z.: Walka z pożarami na statkach.
3. IAMSAR t. III Środki mobilne.
4. Konwencja MARPOL 73/78.
5. Konwencja o bezpieczeństwie życia na morzu SOLAS 74.
6. Konwencja STCW 1978/95.
7. Międzynarodowy Kodeks Zarządzania Bezpieczeństwem ISM CODE.
8. POUSADA L., OSBORN H. H., LEVY D. B.: Medycyna ratunkowa.
9. System Zarządzania bezpieczeństwem. WSM, Szczecin.
10. WALCZAK A.: Piractwo i terroryzm morski.
11. WOJCIECHOWSKI E.: Pierwsza pomoc w nagłych wypadkach.

	Supplementary literature	1. DROGOSIEWICZ M.: Ratownictwo morskie. 2. International Medical Guide for Ships. 3. KUBIAK K.: Przemoc na oceanach. Współczesne piractwo i terroryzm morski. 4. LEWIS J.: Marine Fire Fighting. 5. MIRONIUK W., WRÓBEL R., SZYSZKA J.: Ochrona przeciwpożarowa okrętu. 6. Morski nawigacyjny słownik frazeologiczny. 7. PUCHALSKI J.: Poradnik ratownika morskiego. 8. Standardowe zwroty porozumiewania się na morzu. WSM, Szczecin
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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