



Subject card

Subject name and code	Basics life support, PG_00005148						
Field of study	Medical and Mechanical Engineering, Mechanical and Medical Engineering						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2022/2023		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	6		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		Bartosz Trzeciak				
	Teachers		Bartosz Trzeciak				
			Piotr Gutknecht				
Lesson types and methods of instruction	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		3.0		7.0	25
Subject objectives	Familiarize students with the techniques of pre-medical assistance to victims of injuries, including life-threatening conditions.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_K02		The student understands the non-technical aspects of an engineer's work in a hospital, has the habit of working in order and cleanliness, is vigilant in anticipating potential problems and errors		[SK5] Assessment of ability to solve problems that arise in practice		
	K6_U11		The student is able to use basic medical equipment used in first aid, i.e. oropharyngeal tube, self-inflating bag, automatic defibrillator. Student can treat injuries as part of pre-medical aid.		[SU3] Assessment of ability to use knowledge gained from the subject		
	K6_U12		The student knows how to follow the ABC first aid algorithm.		[SU1] Assessment of task fulfilment		
	K6_W12		The student has knowledge of the structure of human organs and basic medical equipment used in emergency medical services.		[SW1] Assessment of factual knowledge		

Subject contents	1. Assessing the condition of the victim 2. Recovery position 3. Basic life support for adults and children 4. Opening the airways without devices 5. Opening the airways with devices (tubes) 6. Oxygen delivery 7. Ventilation (mouth to mouth or devices) 8. Automatic defibrillation 9. Breathing monitoring 10. Cardiac monitoring 11. Assessing the victim's level of consciousness (Glasgow Scale) 12. Using glucometer 13. Wounds dressing 14. Splinting arms, legs and spine 15. Medical segregation 16. Practical classes on medical phantoms.		
Prerequisites and co-requisites	Basics of human anatomy and physiology and basics of internal medicine.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Colloquium	60.0%	100.0%
Recommended reading	Basic literature	Wytyczne resuscytacji 2010r. Polska Rada Resuscytacji. Materiały dydaktyczne omówione na zajęciach.	
	Supplementary literature	OSTRE STANY ZAGROŻENIA ŻYCIA W CHOROBYCH WEWNĘTRZNYCH red. Franciszek Kokot, Wydawnictwo: PZWL	
	eResources addresses	Adresy na platformie eNauczanie:	
	Example issues/ example questions/ tasks being completed		
Work placement	Not applicable		