GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00056093						
Field of study	Mechanical and Medical Engineering						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group		Optional subject group		
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	Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		Beata Siebert				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	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		0.0		0.0	15
Subject objectives	Introduction to basic knowledge of the human body physic and basic functioning of the body organs as well as to basic knowledge of the construction and function of basic medical equipment. Getting acquainted with the basic technologies used in dental implantology. Mastering basic medical knowledge to solve mechanical-medical problems in the scope of the MME study.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U01] he/she is able to acquire knowledge and self-studying, he/she is able to find needed information in specialist books, databases and other sources, he/she is able to integrate information and draw conclusions, he/she is able to communicate by using different technics in work and outside	He/she is able to find needed information in specialist books, databases and other sources, he/she is able to integrate information and draw conclusions, he/she is able to communicate by using different technics in work and outside. He/she knows the content of the lecture.	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
	[K6_W12] he/she has basic knowledge in the field of fundamental medical sciences, human body anatomy, and physiology, salvage service	He/ she is aware about the validity of the engineering with reference to medical emergency, construction and function of basic medical equipment. He/she has basic knowledge in the field of fundamental medical sciences, human body anatomy, and physiology, salvage service. He/she knows the content of the lecture.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation
	[K6_U10] he/she is able to assess the human body physic and basic functioning of the body organs, he/she is able to use basic medical knowledge to solve mechanical-medical problems in the scope of the MME study	He/she has basic knowledge of the human body physic and basic functioning of the body organs. He/she is able to use basic medical knowledge to solve mechanical-medical problems in the scope of the MME study. He/she knows the content of the lecture.	[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject
	[K6_K02] he/she is aware of importance of professional dealing and to fulfill ethics obligations, he/she understands other (non-technical) abilities of mechanical engineering professional, their influence on the society and security of environment, he/she is aware of importance of social cooperation	He/she understands other (non-technical) abilities of mechanical engineering professional, their influence on the society and security of environment. He/she is aware of importance of professional dealing and to fulfill ethics obligations. He/she is aware of importance of social cooperation. He/she knows the content of the lecture.	[SK4] Assessment of communication skills, including language correctness
	[K6_U11] he/she uses basic medical apparatus and devices, he/she applies knowledge related to the visual diagnosis in the scope of the MME study	He/she has knowledge of the construction and function of basic medical equipment. He/she applies knowledge related to the visual diagnosis in the scope of the MME study. He/she knows the content of the lecture.	[SU3] Assessment of ability to use knowledge gained from the subject
Subject contents	Implant Dentistry: *Theory and Practice.* Implant treatment planning with b*asic* concepts of *anatomy. Hard tissue augmentation techniques, immediate implantation, full implant-prosthetic reconstructions. Temporomandibular joint disorders.*		
Prerequisites and co-requisites	Basic knowledge of biology, mathematics and chemistry.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Lectures attendance is mandatory. The consequence of the absence is an additional written test covering the material from the missed lectures.	80.0%	100.0%
Recommended reading	Basic literature	Matteo Chiapasco: Chirurgia stomatologiczna. Edra Urban&Partner, Wrocław 2020	
	Supplementary literature	----------	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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