GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Technical aspects of stomatology, PG_00024958		
Field of study	Medical and Mechanical Engineering, Medical and Mechanical Engineering		
Date of commencement of studies	October 2020	Academic year of realisation of subject	2022/2023
Education level	first-cycle studies	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	2.0
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	Anna Starzyńska	
	Teachers	Anna Starzyńska	

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	15.0	30

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	30	0.0	0.0	30

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_W12	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_K02	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.	[SK5] Assessment of ability to solve problems that arise in practice
K6_U11	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
K6_U10	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

<table>
<tr><td>Subject contents</td><td>Implant Dentistry: Theory and Practice. Implant treatment planning with basic concepts of anatomy.

Hard tissue augmentation techniques, immediate implantation,full implant-prosthetic reconstructions,

Temporomandibular joint disorders.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>Basic knowledge of biology, mathematics and chemistry.</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Lectures attendance is mandatory. The consequence of the absence is an additional written test covering the material from the missed lectures.</td><td>80.0%</td><td>100.0%</td></tr>
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</td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Matteo Chiapasco: Chirurgia stomatologiczna. Edra Urban&Partner, Wrocław 2020</td></tr>
<tr><td>Supplementary literature</td><td>----------</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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