



Subject card

Subject name and code	Group work, PG_00039388						
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			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			4.0		
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		dr inż. Rafał Gawarkiewicz				
	Teachers		dr inż. Rafał Gawarkiewicz				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: in the event of a pandemic - via Zoom						
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		10.0		60.0	100
Subject objectives	Acquisition of the ability to perform simple design work						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_U01		The student searches for information in professional literature, databases and other sources, analyzes them. He/She formulates conclusions using engineering techniques		[SU2] Assessment of ability to analyse information		
	K6_U02		The student prepares technical documentation and presents his/her results of solving the analyzed engineering task		[SU1] Assessment of task fulfilment		
	K6_U05		In the design process, the student identifies and formulates simple engineering tasks of a practical nature and performs a critical analysis of existing solutions		[SU1] Assessment of task fulfilment		
	K6_U07		In the design process, the student identifies and formulates simple engineering tasks of a practical nature and performs a critical analysis of existing solutions		[SU1] Assessment of task fulfilment		
Subject contents	Performing of a preliminary design project of a mechanical tool or device. Preparation of study describing the stages of its performing.						
Prerequisites and co-requisites	Engineering graphics, Mechanics, Strength of materials, Mechanical design and basic skills of using CAD programs (such as Inventor, AutoCAD, SolidWorks, etc.).						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Performing of the project		60.0%		100.0%		
Recommended reading	Basic literature		Not applicable.				
	Supplementary literature		Not applicable.				

	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	