



Subject card

Subject name and code	Team project, PG_00037275						
Field of study	Technical Physics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2024/2025		
Education level	first-cycle studies	Subject group			Optional subject group Subject group related to scientific research 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	Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Piotr Weber					
	Teachers	dr Piotr Weber					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	15.0	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		2.0		8.0	25
Subject objectives	The project requires creativity and commitment of the whole group, taking into account the specific skills of individuals.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_U02	Greater agility in analyzing problems with analytical, simulation and experimental methods			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject		
	K6_U06	Ability to create an estimation of the cost of the project			[SU2] Assessment of ability to analyse information		
	K6_K04	Ability to work in a team			[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills		
Subject contents	Depending on the project.						
Prerequisites and co-requisites	Depending on the project.						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Assignment	50.0%			40.0%		
	Presentation	50.0%			10.0%		
	Presentation	50.0%			50.0%		
Recommended reading	Basic literature	Literature and materials will be matched to each individual project.					
	Supplementary literature	Literature and materials will be matched to each individual project.					
	eResources addresses	Adresy na platformie eNauczanie: Projekt zespołowy - 2025 - Moodle ID: 43844 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=43844					

<p>Example issues/ example questions/ tasks being completed</p>	<ul style="list-style-type: none"> • Electric field simulation in Phyton. • Analysis of the anemometer characteristics. • Design and construction of an electrostatic motor for the study of atmospheric electricity. • Fog chamber • Trebuchet - medieval siege engine • Heron's Fountain • Electromagnetic train
<p>Work placement</p>	<p>Not applicable</p>

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