

Subject card

Subject name and code	Team project I, PG_00059841							
Field of study	Technical Physics							
Date of commencement of studies	February 2023		Academic year of realisation of subject			2022/2023		
Education level	second-cycle studies		Subject group			Obligatory subject group in the field of study		
						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	1		Language of instruction			Polish		
Semester of study	1		ECTS credits			3.0		
Learning profile	general academic profile		Assessment form			assessment		
Conducting unit	Instytut Fizyki i Informatyki Stosowanej -> Faculty of Applied Physics and Mathematics							
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marcin Dampc						
	Teachers	dr inż. Marcin Dampc						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	ct Seminar		SUM
	Number of study hours	0.0	0.0	0.0	30.0		0.0	30
	E-learning hours inclu	i						
Learning activity and number of study hours	Learning activity	Participation in classes include plan			Participation in consultation hours		udy	SUM
	Number of study hours	30 5.0				40.0 75		75
Subject objectives	The aim of the course is learning teamwork on the physics project.							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	[K7_U09] Can popularize the achievements in physics and related fields of science.					[SU5] Assessment of ability to present the results of task		
	[K7_U06] Can apply obtained knowledge of physics to exact sciences, natural and technical sciences.					[SU1] Assessment of task fulfilment		
	[K7_W10] Knows general rules of starting and developing individual business initiatives, using knowledge of exact sciences.		Can select results with possible application in industry.			[SW1] Assessment of factual knowledge		
	[K7_K04] Can systematically work on long-term projects.		Can plan and organize project timeframe			[SK2] Assessment of progress of work		
	[K7_K03] Can cooperate and work in a group, performing different functions. Can make self-assessment, as well as constructively assess the effects of other persons' work.		Can plan and organize project timeframe. Can applay changest depending on the co-workers progress.			[SK1] Assessment of group work skills		
Subject contents Prerequisites	Define the principles of teamwork. Description of activities preceding the execution of the project. Discussion of the list of proposed topics Selecting the teams (2-4 students), a leader in the team and the subject of the project. Presentation of the project concept. Acceptance of the project cost estimate. Project schedule, the division of tasks and provide a framework for individual team collaboration. The evaluation of the progress of the project during its implementation and consultation on partial results. Presentation of the final results of the project. Depends on the type of project							
and co-requisites	_ 55535 511 tile type	p. 0,000						

Data wydruku: 19.05.2024 05:38 Strona 1 z 2

Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	Presentation of the project results	50.0%	20.0%			
	Division of work between the team members	50.0%	20.0%			
	Partial execution of tasks	50.0%	20.0%			
	Team work	50.0%	20.0%			
	Originality of solutions	50.0%	20.0%			
Recommended reading	Basic literature	Depends on the type of project				
	Supplementary literature	Depends on the type of project				
	eResources addresses	Adresy na platformie eNauczanie:				
		Projekt Zespołowy 2023 - Moodle I https://enauczanie.pg.edu.pl/moodl				
Example issues/ example questions/ tasks being completed	Design, engineering and testing of the detector and data aquisition system for high resolution optical monochromator. Current-voltage characteristics and emission spectra of light-emitting diodes Photophysical properties of electron donor: electron acceptor systems applied in organic light emitting diodes.					
Work placement	Not applicable					

Data wydruku: 19.05.2024 05:38 Strona 2 z 2