GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Team Project II, PG_00053514		
Field of study	Biomedical Engineering, Biomedical Engineering, Biomedical Engineering		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	second-cycle studies	Subject group	
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	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Computer Communications -> Faculty of Electronics Telecommunications and Informatics -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Brygida Mielewska	
	Teachers	dr Brygida Mielewska	

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

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	5.0	15.0	50

Subject objectives

Group project is a class, which goal is to prepare students for a future work in a team of several people and to learn them to fulfil scheduled obligations in a timely manner.

Project teams consisting of 3-5 students realize subjects chosen from submitted proposals. A product and a proper technical documentation are the effects of a year-long work on a chosen problem.

The project proposals can be submitted by Department partners and a work progress is controlled by supervisors assigned by a faculty coordinator.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_U03] can design, according to required specifications, and make a complex device, facility, system or carry out a process, specific to the field of study, using suitable methods, techniques, tools and materials, following engineering standards and norms, applying technologies specific to the field of study and experience gained in the professional engineering environment	The student analyzes a given numerical problem and develops a solution using available tools and packages	[SU1] Assessment of task fulfilment

Subject contents

The choice of group

Implementation of the project group

Presentation of the completed project

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	50.0%	100.0%
Recommended reading	Basic literature	materials related to the implemented project	
	Supplementary literature	Books on management	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Implementation of OpenFlow controller extensions for control of network with channel switching System for analyzing character movements supporting the rehabilitation processShining 3D LED cube - disco lightingIntelligent scheduleGPS signal repeaterRemote parameter measurement system for a super-yacht class vessel.Mobile support system for Special Rescue GroupsSystem supporting the rehabilitation of children with movement disorders using the EMG signal to control the gameMobile robot for the critical infrastructure inspection		
Work placement	Not applicable		

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