



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 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Obligatory subject group 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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Computer Communications -> Faculty of Electronics, Telecommunications and Informatics						
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	<p>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.</p> <p>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.</p> <p>The project proposals can be submitted by Department partners and a work progress is controlled by supervisors assigned by a faculty coordinator.</p>						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K7_W04] Knows and understands, to an advanced extent, the principles, methods and techniques of programming and the principles of computer software development or programming devices or controllers using microprocessors or programmable elements or systems specific to the field of study, and organisation of systems using computers or such devices		The student analyzes a given numerical problem and develops a solution using available tools and packages			[SW3] Assessment of knowledge contained in written work and projects	
	[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	<p>The choice of group</p> <p>Implementation of the project group</p> <p>Presentation of the completed project</p>		
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	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	<p>Implementation of OpenFlow controller extensions for control of network with channel switching</p> <p>System for analyzing character movements supporting the rehabilitation process Shining 3D LED cube - disco lighting Intelligent schedule GPS signal repeater Remote parameter measurement system for a super-yacht class vessel. Mobile support system for Special Rescue Groups System supporting the rehabilitation of children with movement disorders using the EMG signal to control the game Mobile robot for the critical infrastructure inspection</p>		
Work placement	Not applicable		