GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	BSc Diploma Project II, PG_00048817		
Field of study	Electronics and Telecommunications, Biomedical Engineering, Biomedical Engineering, Biomedical Engineering		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2029/2030
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	4	Language of instruction	Polish
Semester of study	7	ECTS credits	13.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Multimedia Systems -> Faculty of Electronics Telecommunications and Informatics -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Piotr Kaczmarek	
	Teachers	prof. dr hab. inż. Andrzej Czyżewski	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	60.0	0.0	60
	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	60	13.0	252.0	325

Subject objectives	Preparing the student for the implementation of the diploma project, and then systematically monitoring the progress of his own work on the project, giving him advice, advice and tips. Checking the practical effects of the project work.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U08] while identifying and formulating specifications of engineering tasks related to the field of study and solving these tasks, can:n- apply analytical, simulation and experimental methods,n- notice their systemic and non-technical aspects,n- make a preliminary economic assessment of suggested solutions and engineering work n	He knows the tools for CAD type design, Matlab simulation environments, software development environments, text editing and presentation tools. Demonstrates the ability to plan project work, taking into account technical and economic realities.	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information
[K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including:n - observing rules of professional ethics and require it from others,n - care for the achievements and traditions of the professionn	The diplomat should understand the issues of copyright belonging to the knowledge and technology he uses. He should point to the creative character of his own work, which respects the rights of other people or institutions. If the work is of a group nature, the graduate should demonstrate the awareness of the principles of division of tasks in the group.	[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness
[K6_U03] can design, according to required specifications, and make a simple 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 is able to design, in accordance with the specifications of the profession of ICT engineer, and make a simple device, object, system, software typical for the field of study or carry out the process, using appropriately selected methods, techniques, tools and materials, using engineering standards and norms, applying appropriate fields of study technologies and using experience gained in the environment professionally involved in engineering activities.	[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment

Subject contents

Course content – project
The subject is the student's own work project, under the supervision of a supervisor and consultants.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
frequency of contacting a supervisor and a project consultant	30.0%	30.0%
progress of project implementation, commitment to own work	70.0%	70.0%

Recommended reading

Basic literature	The literature is indicated to the student implementing the project in accordance with the subject of the project.
Supplementary literature	Supplementary literature is indicated to the student implementing the project in accordance with the subject of the project.
eResources addresses	

Example issues/ example questions/ tasks being completed

The main tasks for students implementing the project are to develop a review part based on a literature analysis, formulation of project assumptions and demonstration of progress in construction works, implementations and experiments.

Practical activites within the subject

Not applicable

Document generated electronically. Does not require a seal or signature.