GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Team Project, PG_00021232		
Field of study	Electrical Engineering		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2025/2026
Education level	first-cycle studies	Subject group	
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	8.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Power Electronics and Electrical Machines -> Faculty of Electrical and Control Engineering -> Faculties of Gdańsk University of Technology		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Ireneusz Mosoń	
	Teachers	dr hab. inż. Marek Turzyński dr hab. inż. Piotr Musznicki dr inż. Filip Kutt dr inż. Łukasz Sienkiewicz dr hab. inż. Roland Ryndzionek	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	0.0	120.0	0.0	120

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	120	10.0	70.0	200

Subject objectives

The aim of the course is to prepare team projects together with employers and research teams composed of University employees. The projects can be used to prepare engineering diploma theses.

Learning outcomes

Course outcome	Subject outcome	Method of verification

Subject contents

Course content – project
Team execution of a selected project in the field of automation, robotics and control systems, and electrical engineering. Cooperation with project teams from other fields/faculties.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Project	100.0%	100.0%

Recommended reading

Basic literature

1. Self-selection of literature appropriate to the topic of the selected project.

Supplementary literature

1. Grzybowski P.P., Sawicki K.: Pisanie prac i sztuka ich prezentacji. Oficyna wydawnicza "Impuls". Kraków 2010.

2. Wojciechowska R.: Przewodnik metodyczny pisania pracy dyplomowej. Wydawnictwo Difin. 2010.

3. Wolański A.: Edycja tekstów. Praktyczny poradnik. Wydawnictwo PWN. Warszawa 2008.

eResources addresses

Example issues/ example questions/ tasks being completed	1. eGokart - implementation of an autonomous driving system. 2. Controllable current/voltage source. 3. Virtual Power Analyzer. 4. Prototype IoT device based on a microcontroller for cloud connection. 5. Determination of object kinematics based on video image.
Practical activites within the subject	Not applicable

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