GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Control Design, E:41044W0		
Field of study	Space and Satellite Technologies		
Date of commencement of studies	February 2025	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	English
Semester of study	1	ECTS credits	2.0
Learning profile		Assessment form	assessment
Conducting unit	Department Of Intelligent And Decision Support Systems -> Faculty Of Electrical And Control Engineering -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Tomasz Zubowicz	
	Teachers	dr inż. Tomasz Zubowicz	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	15.0	15.0	0.0	45

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	45	0.0	0.0	45

Subject objectives

To familiarise students with basic concepts and principles of electrical systems engineering.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K7_W06	Student has knowledge of the typical steps and milestones in software and electrical engineering.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects
K7_U08	Student can implement task from software and electrical engineering.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools
[K7_K03] Can analyse and implement assigned tasks while maintaining high technical standards. Is able to work and interact in a group, taking on different roles. Adheres to the principles of professional ethics and respects the diversity of views and cultures.	Student implements his tasks related to control design maintaining high technical standards.	[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice

Subject contents

Basic concepts of systems engineering. Principles of electrical systems engineering.

Prerequisites and co-requisites

-

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
exam	50.0%	40.0%
laboratory	50.0%	30.0%
project	50.0%	30.0%

Recommended reading

Basic literature	Students will receive a reading list at the beginning of the semester.
Supplementary literature	-
eResources addresses	Adresy na platformie eNauczanie: Control System Design [2024/25] - Moodle ID: 45867 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45867

Example issues/ example questions/ tasks being completed	-
Work placement	Not applicable

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