

GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Intelligent Building, PG_00042188								
Field of study	Power Engineering, Power Engineering, Power Engineering, Power Engineering, Power Engineering								
Date of commencement of studies	October 2020		Academic year of realisation of subject			2022/2023			
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	3		Language of instruction			Polish			
Semester of study	6		ECTS credits			2.0			
Learning profile	general academic profile		Assessment form			assessment			
Conducting unit	Department of Electri	Department of Electrical Power Engineering -> Faculty of Electrical and				Control Engineering			
Name and surname	Subject supervisor	prof. dr hab. ir	nż. Stanisław (Czapp					
of lecturer (lecturers)	Teachers	prof. dr hab. i	nż. Stanisław	Czapp					
	dr inż. Krzvsztof			tof Dobrzyńsk	i				
			dr inż. Tomasz Minkiewicz						
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM	
of instruction	Number of study	15.0	0.0	15.0	0.0		0.0	30	
	E-learning hours included: 0.0								
Learning activity and number of study hours	Learning activity Participation in classes include		n didactic led in study	didactic Participation in consultation hours		Self-study SUM			
	Number of study 30 hours		3.0		17.0		50		
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Subject objectives	The achievement of k installations.	I nowledge and	skills in the dea	l sign and comn	nissionir	ng of inte	elligent electric	l al	
Subject objectives Learning outcomes	The achievement of k installations.	I nowledge and come	skills in the dea	l sign and comn ect outcome	nissionir	ng of inte	elligent electric Method of verit	fication	
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Recommended reading	Basic literature	 Petykiewicz P.: Nowoczesna instalacja elektryczna w inteligentnym budynku. COSiW SEP 2001. Mikulik J.: Europejska Magistrala Instalacyjna EIB: rozproszony system sterowania bezpieczeństwem i komfortem. Stowarzyszenie Elektryków Polskich. Centralny Ośrodek Szkolenia i Wydawnictw, Warszawa 2008. 			
	Supplementary literature	Manual of devices of KNX/EIB system.			
	eResources addresses	Adresy na platformie eNauczanie: Budynek inteligentny [EE][2022/23] - Moodle ID: 27164 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=27164			
Example issues/ example questions/ tasks being completed	On a laboratory stand, performance	of the installation for lighting control (using KNX system).			
Work placement	Not applicable				