

关。GDAŃSK UNIVERSITY 创 OF TECHNOLOGY

Subject card

Subject name and code	Electrical Equipment, PG_00038410							
Field of study	Electrical Engineering							
Date of commencement of studies	October 2021		Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies		Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Part-time studies		Mode of delivery			at the university		
Year of study	3		Language of instruction			Polish		
Semester of study	5		ECTS credits			3.0		
Learning profile	general academic profile		Assessment form			exam		
Conducting unit	Department of Electrical Power Engineering -> Faculty of Electrical and Control Engineering							
Name and surname of lecturer (lecturers)	Subject supervisor prof. dr hab. inż. Waldemar Kamrat							
	Teachers		dr inż. Kornel Borowski					
		prof. dr hab. inż. Waldemar Kamrat						
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	Seminar	SUM
of instruction	Number of study hours	20.0	0.0	10.0	0.0		0.0	30
	E-learning hours included: 0.0							
Learning activity and number of study hours	Learning activity Participation in classes include plan		n didactic ed in study	lidactic Participation in in study consultation hours		Self-study SUM		
	Number of study 30 hours			4.0		41.0		75
Subject objectives	Acievement of choice and background of electrical devices							
Learning outcomes	Course outcome		Subject outcome			Method of verification		
	K6_W11		The student learns the principles of designing electrical installations and electric lighting, controlling electrical devices, and making technical drawings			[SW3] Assessment of knowledge contained in written work and projects		
	K6_U09		The student is able to select power equipment for long-term, transient loads and short-circuit conditions			[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools		
Subject contents	Equipment of transformer stations. Wires and electric distribution apparatus. Classification and selection of devices. Costing elements.							
Prerequisites and co-requisites								
Assessment methods	nods Subject passing criteria		Passing threshold			Percentage of the final grade		
and criteria	colloquium		51.0%			100.0%		
Recommended reading	Basic literature		 Marzecki J.: Projektowanie stacji. Wyd. PW. Musiał E.: Urzadzenia elektryczne. PWSZ. Kamrat W.: Metody oceny efektywności inwestowania w elektroenergetyce. Wyd.PG Industrial datasheets, international standards and other supplementary materials for design process 					
	Supplementary literature		No special recommendations					
	eResources addresses		Adresy na platformie eNauczanie: URZĄDZENIA ELEKTRYCZNE [Niestacjonarne][2023/24] - Moodle ID: 31956 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=31956					

Example issues/ example questions/ tasks being completed	Electrical devices choice rules. Tendency of technical and technological solutions development
Work placement	Not applicable