



Subject card

Subject name and code	HISTORY OF TECHNOLOGY, PG_00030027						
Field of study	Electrical Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
Education level	second-cycle studies	Subject group					
Mode of study	Part-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Partment of Metrology and Information Systems -> Faculty of Electrical and Control Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Dariusz Świsulski					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	0.0	0.0	10.0	20
	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	20	6.0	49.0	75		
Subject objectives	The aim of this course is to equip students with knowledge of the history of technology. Students will learn about events related to the development of the electrical engineering and power industry in Poland.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications	Defines events that determine the history of fundamental fields of technology.			[SW1] Assessment of factual knowledge		
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	Identifies the influence of the history of technology in assessing contemporary processes.			[SU2] Assessment of ability to analyse information		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	Determines the importance of historical heritage for the development of the electrical engineering and power industry.			[SK4] Assessment of communication skills, including language correctness		
Subject contents	Course content – lecture Lecture The history of technical education, the history of industry, including the electrotechnical industry, the history of power engineering, the activities of selected precursors of technology.						
	Seminar Preparing a description for technical antique. Presentation of a selected topic in class.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	lecture	50.0%			40.0%		
	project	50.0%			60.0%		

Recommended reading	Basic literature	Pater Z.: Wybrane zagadnienia z historii techniki, Politechnika Lubelska, Lublin 2011 Gierlotka S.: Historia elektrotechniki, "Śląsk" Wydawnictwo Naukowe, Katowice 2012
	Supplementary literature	-
	eResources addresses	
Example issues/ example questions/ tasks being completed	Describe the history of technical education in Poland. Describe the history of the Polish electrotechnical industry. Describe the development of the power industry in Poland.	
Practical activities within the subject	Not applicable	

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