



## Subject card

Subject name and code	History of technology, PG_00059840						
Field of study	HISTORIA TECHNIKI						
Date of commencement of studies	February 2026	Academic year of realisation of subject			2025/2026		
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			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 -> Wydział Politechniki Gdańskiej						
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	15.0	0.0	0.0	0.0	15.0	30
	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	30	5.0		40.0	75	
Subject objectives	Celem przedmiotu jest opanowanie przez studenta wiedzy dotyczącej historii techniki. Student pozna wydarzenia związane z rozwojem przemysłu elektrotechnicznego i elektroenergetyki na ziemiach polskich.						
Learning outcomes	Course outcome	Subject outcome		Method of verification			
	[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] Ocena umiejętności analizy informacji			
	[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] Ocena umiejętności komunikacji, w tym poprawności językowej			
	[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] Ocena wiedzy faktograficznej			
Subject contents	Course content – 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.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria	Passing threshold		Percentage of the final grade			
	Lecture pass	50.0%		50.0%			
	Written work and seminar presentation	50.0%		50.0%			
Recommended reading	Basic literature	Pater Z.: Wybrane zagadnienia z historii techniki, Politechnika Lubelska, Lublin 2011					
	Supplementary literature	Gierlotka S.: Historia elektrotechniki, "Śląsk" Wydawnictwo Naukowe, Katowice 2022					
	eResources addresses						
Example issues/ example questions/ tasks being completed	The history of the Gdańsk University of Technology, the history of the Polish electrotechnical industry, the history of Alfons Hoffmann's Electric Apparatus Factory, the history of power engineering in Pomerania.						

Practical activities within the subject	Not applicable
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