



## Subject card

Subject name and code	HISTORY OF TECHNOLOGY, PG_00030027						
Field of study	Electrical Engineering						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
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 -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Dariusz Świsulski				
	Teachers						
Lesson types and methods of instruction	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 the course is to familiarize students with the history of technology.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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		The student is aware of the importance of historical heritage for the development of technology.		[SK2] Assessment of progress of work		
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems		The student is able to apply knowledge of the history of technology to solve problems.		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		The student knows the history of the basic fields of technology.		[SW1] Assessment of factual knowledge		
Subject contents	History of technical education. History of the electrotechnical industry. History of the power industry.						
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.						

Work placement	Not applicable
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