



Subject card

Subject name and code	HISTORY OF TECHNOLOGY, PG_00030027							
Field of study	Electrical Engineering							
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024			
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	Department of Metrology and Information Systems -> Faculty of Electrical and Control Engineering							
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Dariusz Świsulski						
	Teachers	dr hab. inż. Dariusz Świsulski						
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_U81] is able to communicate with ease in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments	The student uses materials in a foreign language concerning the history of technology.			[SU4] Assessment of ability to use methods and tools			
	[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	Adresy na platformie eNauczanie: HISTORIA TECHNIKI [Niestacjonarne][2023/24] - Moodle ID: 32272 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=32272
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	