GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	HISTORY OF TECHNOLOGY, PG_00030027		
Field of study	Automation, Robotics and Control Systems		
Date of commencement of studies	October 2022	Academic year of realisation of subject	2022/2023
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_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	The student is able to use historical knowledge in engineering activities.	[SU2] Assessment of ability to analyse information
[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
K7_K02	The student is able to work in a group during the preparation of a team project.	[SK1] Assessment of group work skills

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
project	50.0%	60.0%
lecture	50.0%	40.0%

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][2022/23] - Moodle ID: 24928 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=24928
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	