



Subject card

Subject name and code	Tech vs Society, PG_00071027						
Field of study	Mathematics						
Date of commencement of studies	October 2025	Academic year of realisation of subject				2025/2026	
Education level	second-cycle studies	Subject group				Humanistic-social subject group	
Mode of study	Full-time studies	Mode of delivery				e-learning	
Year of study	1	Language of instruction				Polish	
Semester of study	2	ECTS credits				2.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Structural Mechanics -> Faculty of Civil and Environmental Engineering -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Marek Skowronek				
	Teachers		dr inż. Marek Skowronek				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 30.0						
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	2.0		18.0		50
Subject objectives	To provide the students with a broad insight into technology in the light of its human impact, addressing diverse technology branches and applications. Selected issues chosen for the meetings topics are starting points for discussion and opinion exchange. The conclusions drawn are anticipated goals of the subject, the perspectives of the participants are intended to be broadened and enhanced.						
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		The student draws conclusions from the observation of news and resources in the study course		[SU5] Assessment of ability to present the results of task		
	[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 need to critically assess the outburst of technology achievements addressing his / her own		[SK2] Assessment of progress of work		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		The student is motivated in enhancing general knowledge in technology		[SW2] Assessment of knowledge contained in presentation		
Subject contents	Course content – lecture The outlook into selected issues of technology development in overall scientific, historic and social extent. The historic defining moments of the progress of science and industry are bound to start an in-class discussion. Partial students presentations are anticipated, making a broader opinion exchange, to open the minds of the participants to the aspects they have not been involved before						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Short personal review of general attitude to technology		50.0%		100.0%		
Recommended reading	Basic literature		1. Lewis Mumford: Technics and Civilization, University of Chicago Pr, 2010				
	Supplementary literature		brak				
	eResources addresses						

Example issues/ example questions/ tasks being completed	The milestones of technology development, their impact on societies, future consequences
Practical activities within the subject	Not applicable

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