GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Information Society Technologies, PG_00047424						
Field of study	Electronics and Telecommunications						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2024/2025		
Education level	second-cycle studies		Subject group		Obligatory subject group in the field of study		
					Humanistic-social subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		English		
Semester of study	4		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Computer Communications -> Faculty of Electronics, Telecommunications and Informatics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Sławomir Gajewski					
	Teachers	dr inż. Sławomir Gajewski					

Lesson types and methods of instruction	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: 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	2.0	18.0	50

Subject objectives	The aim of the course is to teach the student advanced paradigms of information technology application in society.

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	Student is capable of analysing relations in global information society.	[SK5] Assessment of ability to solve problems that arise in practice
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications	Student presents GII scenarios in relation to wireless communication solutions, in particular 4G systems. Student presents GII implementational model according to ITU standards.	[SW1] Assessment of factual knowledge
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems	Student knows and recognizes information society development strategies. Student can compare authentication methods specific to NGN networks with the ones used in common packet networks.	[SU3] Assessment of ability to use knowledge gained from the subject

Subject contents	1. Definition and characteristic of information society 2. Example of development strategies for information society 3. Knowledge role in information society 4. Analysis of social relation in information society, clusters 5. Enterprise examples and their evaluations (e-market, e- health, e-services) 6. Innovation and entrepreneurship 7. Technological indifference 8. Problems of legacy systems 9. Convergence of wired and wireless networks 10. Media convergence 11. Streaming media. Content aware networks. 12. Security issues

Prerequisites and co-requisites	Basic knowledge of information technology

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Colloquium	50.0%	50.0%
	Mid-term colloquium	50.0%	50.0%

Recommended reading	Basic literature	J. Feather, The Information Society: A Study of Continuity and Change, Facet Publishing,2008 R. Rubin, Foundations of Library and Information Science, Neal-Schuman Publishers, 2010
	Supplementary literature	No requirements
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	