GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Information Society Technologies, PG_00054283					
Field of study	Informatics					
Date of commencement of studies	February 2024		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		Polish	
Semester of study	3		ECTS credits		3.0	
Learning profile	general academic profile		Assessment form		exam	
Conducting unit	Department of Radiocommunication Systems and Networks -> Faculty of Electronics, Telecommunications and Informatics					
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Sławomir Gajewski			
	Teachers		mgr inż. Olga Błaszkiewicz			
			prof. dr hab. inż. Tibor Cinkler			
			dr inż. Sławomir Gajewski			
			dr inż. Piotr Odya			
			mgr inż. Alicja Olejniczak			
			dr hab. inż. Grzegorz Szwoch			

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	15.0	15.0	60
	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	60	2.0	13.0	75

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

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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_U43] can apply information technologies in market economy and information society conditions as well as algorithmize and computerize cognitive and decision-making processes in other areas of knowledge	The student understands the importance of information technologies in society and is able to use them in various fields of knowledge	[SU2] Assessment of ability to analyse information
	[K7_W08] knows and understands, to an increased extent, the fundamental dilemmas of modern civilisation, the main development trends of scientific disciplines relevant to the field of education	The student is able to identify problems and dilemmas resulting from the use of information techniques by the society.	[SW2] Assessment of knowledge contained in presentation
	[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_W43] Knows and understands, to an increased extent, the nformal, technical and social aspects of the operation of complex information systems in the information society and in the global information n infrastructure.	The student understands the complex relationships between the applied information technologies and the functioning of the information society and assess their impact on this society.	[SW3] Assessment of knowledge contained in written work and projects

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	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Colloquium	50.0%	100.0%

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: Technologie społeczeństwa informacyjnego (luty 2025) - Moodle ID: 43669 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=43669

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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