



Subject card

Subject name and code	Information Society Technologies, PG_00047434						
Field of study	Informatics						
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			exam		
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_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		
	[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_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		
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 technologies						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	Mid-term colloquium	50.0%			50.0%		
	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 eNauczenie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	