Subject card

Subject name and code	Monographic Lectures, PG_00047769					
Field of study	Informatics					
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026	
Education level	second-cycle studies		Subject group		Optional subject group Humanistic-social subject group	
Mode of study	Part-time studies		Mode of delivery		at the university	
Year of study	2		Language of instruction		Polish	
Semester of study	4		ECTS credits		3.0	
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. Krzysztof Nowicki			
	Teachers		dr inż. Krzysztof Nowicki			

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	18.0	0.0	0.0	0.0	0.0	18
	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	18	3.0	54.0	75

Subject objectives	Presentation of the problems of organization of network work in the enterprise by academic teachers and company employees.

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	The student has general knowledge in the field of system implementation by operators	[SW1] Assessment of factual knowledge
	[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 knows the main development trends of computer networks	[SW1] Assessment of factual knowledge
	[K7_W04] Knows and understands, to an advanced extent, the principles, methods and techniques of programming and the principles of computer software development or programming devices or controllers using microprocessors or programmable elements or systems specific to the field of study, and organisation of systems using computers or such devices	The student knows the principles, methods and techniques of selected network solutions (Ethernet, VoIP)	[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 is able to define non-technical problems associated with the implementation of systems by operators	[SU3] Assessment of ability to use knowledge gained from the subject
	[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 able to explain the need to use knowledge of economic or legal sciences in functioning in a social environment	[SK5] Assessment of ability to solve problems that arise in practice

Subject contents	Course content agreed with industry representatives every semester. In general, the content deals with the issues of introducing new ICT solutions

Prerequisites and co-requisites	Basic knowledge of computer networks		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Lecture	50.0%	100.0%
Recommended reading	Basic literature	Materials provided by external companies and the lecturerer	
	Supplementary literature	No requirements	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Construction and implementation of the VoIP system Construction and implementation of CE systems		
Work placement	Not applicable		