



Subject card

Subject name and code	Information Society Technologies - project, PG_00047438						
Field of study	Informatics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group			Optional subject group 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	0.0	0.0	0.0	15.0	15.0	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		5.0	15.0	50	
Subject objectives	The aim of the course is to teach the student advanced paradigms of information technology in society. During the course students also learn the media convergence driving forces, the consequences of this phenomenon and its results in the terms of sociology, technology and education, related to the global information infrastructure.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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.	Student presents GII reference model taking under consideration also security relations.	[SW2] Assessment of knowledge contained in presentation
	[K7_K03] is ready to meet social obligations, inspire and organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	Student presents pros and cons of cryptocurrencies and their meaning to information society	[SK1] Assessment of group work skills
	[K7_U09] can carry out a critical analysis of the functioning of existing technical solutions and assess these solutions, as well as apply experience related to the maintenance of advanced technical systems, devices and facilities typical for the field of studies, gained in the professional engineering environment	Student presents security issues related to global information infrastructure, classifies them, comments on security weaknesses and proposes measures.	[SU5] Assessment of ability to present the results of task
	[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	Student characterizes information society and is able to employ global information infrastructure models.	[SU5] Assessment of ability to present the results of task
[K7_K01] is ready to create and develop models of proper behaviour in the work and life environment; undertake initiatives; critically evaluate actions of their own, teams and organisations they are part of; lead a group and take responsibility for its actions; responsibly perform professional roles taking into account changing social needs, including: n - developing the achievements of the profession, n- observing and developing rules of professional ethics and acting to comply to these rules	Student points out crucial applicability issues of modern IT solutions.	[SK1] Assessment of group work skills	
Subject contents	Definition and characteristic of information society. Example of development strategies for information society. Knowledge role in information society. Analysis of social relation in information society, clusters. Enterprise examples and their evaluations (e-market, e- health, e-services). Knowledge management in virtual organisation. Innovation and entrepreneurship. Technological indifference. Problems of legacy systems. Wired and wireless access networks evolution Computer sciences, telecommunications and media convergence Streaming media. Content-delivery networks. Security issues.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project	50.0%	50.0%
	Seminar	50.0%	50.0%
Recommended reading	Basic literature	Lecture materials and presentations 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	elaborations of strategies on information development in Poland and EU	
	eResources addresses	Adresy na platformie eNauczenie: Technologie społeczeństwa informacyjnego (luty 2024) - Moodle ID: 36684 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=36684	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		