



Subject card

Subject name and code	Virtual Work and Virtual Team Management, E:41030W0						
Field of study	Space and Satellite Technologies						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			English		
Semester of study	1	ECTS credits			2.0		
Learning profile		Assessment form			assessment		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Małgorzata Zięba				
	Teachers		dr hab. inż. Małgorzata Zięba				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15	0.0		0.0	15	
Subject objectives	The course is needed for contemporary workers, especially in high-tech, developed environments. This course will present to the students content on diversity and working in virtual teams and help them in gaining skills related to working in intercultural, virtual environments.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K7_U05	Student is able to manage a team in a virtual space.			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K02] Understands the non-technical aspects of activities in the field of space and satellite technologies, including their social consequences and impact on the state of the environment. Expresses opinions on the development of technology and related risks.	Student understand the importance of non-material values in space projects.			[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[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	He is able to explain the need to use knowledge from the field of social sciences in the context of activities in the space sector.			[SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications	Student has the knowledge on virtual work and virtual team management.			[SW2] Assessment of knowledge contained in presentation		
K7_W08	Student is familiar with the current opportunities for the development of applications that integrate the activities of people and systems in the virtual space.			[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge			

Subject contents	1. building trust in virtual teams 2. communication in virtual teams 3. choosing the appropriate technology for communication processes and using it in practice 4. understanding diversity in virtual teams (language, cultures, professional background) 5. team canvas 6. development of the competencies needed in virtual teams 7. team development stages (the Lewis model and other approaches)		
Prerequisites and co-requisites	No requirements.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	60.0%	100.0%
Recommended reading	Basic literature	1. Eisenberg, J., Glikson, E., & Lisak, A. (2021). Multicultural Virtual Team Performance: The Impact of Media Choice and Language Diversity. <i>Small-Group Research</i> , 1046496420985614 2. Hacker, J. V., Johnson, M., Saunders, C., & Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i> , 23. 3. Varhelahti, M. & Turnquist, T. (2021). Diversity and Communication in Virtual Project Teams. <i>IEEE Transactions on Professional Communication</i> . Vol. 64, Issue 2 DOI: 10.1109/TPC.2021.3064404	
	Supplementary literature	Ford, R. C., Piccolo, R. F., & Ford, L. R. (2017). Strategies for building effective virtual teams: Trust is key. <i>Business Horizons</i> , 60(1), 25-34. Hacker, J. V., Johnson, M., Saunders, C., & Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i> , 23. Liao, C. (2017). Leadership in virtual teams: A multilevel perspective. <i>Human Resource Management Review</i> , 27(4), 648-659. Wheelan, S.s: (2005). <i>Group Processes: A Developmental Perspective</i> . Boston, MA, USA: Allyn Bacon..	
	eResources addresses	Adresy na platformie eNauczenie:	
Example issues/ example questions/ tasks being completed	How to build trust in a virtual team? How to solve conflicts in a virtual team? What are the stages of a virtual team formation?		
Work placement	Not applicable		