



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 2025		Academic year of realisation of subject		2024/2025				
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 -> Wydziały Politechniki Gdańskiej								
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_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.		[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation				
	[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_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.		[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness				
	[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.		[SK1] Assessment of group work skills [SK4] Assessment of communication skills, including language correctness				
	K7_U05		Student is able to manage a team in a virtual space.		[SU3] Assessment of ability to use knowledge gained from the subject				

Subject contents	<ol style="list-style-type: none"> <li>1. building trust in virtual teams</li> <li>2. communication in virtual teams</li> <li>3. choosing the appropriate technology for communication processes and using it in practice</li> <li>4. understanding diversity in virtual teams (language, cultures, professional background)</li> <li>5. team canvas</li> <li>6. development of the competencies needed in virtual teams</li> <li>7. team development stages (the Lewis model and other approaches)</li> </ol>						
Prerequisites and co-requisites	No requirements.						
Assessment methods and criteria	<table border="1" style="width: 100%;"> <thead> <tr> <th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr> </thead> <tbody> <tr> <td>Presentation</td><td>60.0%</td><td>100.0%</td></tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	Presentation	60.0%	100.0%
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Recommended reading	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Basic literature</td><td> <ol style="list-style-type: none"> <li>1. Eisenberg, J., Glikson, E., &amp; Lisak, A. (2021). Multicultural Virtual Team Performance: The Impact of Media Choice and Language Diversity. <i>Small-Group Research</i>, 1046496420985614</li> <li>2. Hacker, J. V., Johnson, M., Saunders, C., &amp; Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i>, 23.</li> <li>3. Varhelähti, M. &amp; 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</li> </ol> </td></tr> <tr> <td style="width: 30%;">Supplementary literature</td><td> <p>Ford, R. C., Piccolo, R. F., &amp; Ford, L. R. (2017). Strategies for building effective virtual teams: Trust is key. <i>Business Horizons</i>, 60(1), 25-34.</p> <p>Hacker, J. V., Johnson, M., Saunders, C., &amp; Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i>, 23.</p> <p>Liao, C. (2017). Leadership in virtual teams: A multilevel perspective. <i>Human Resource Management Review</i>, 27(4), 648-659.</p> <p>Wheelan, S.s: (2005). <i>Group Processes: A Developmental Perspective</i>. Boston, MA, USA: Allyn Bacon..</p> </td></tr> <tr> <td>eResources addresses</td><td>Adresy na platformie eNauczanie: Virtual work and virtual team management - 2025 - Moodle ID: 45918 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45918">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45918</a></td></tr> </table>	Basic literature	<ol style="list-style-type: none"> <li>1. Eisenberg, J., Glikson, E., &amp; Lisak, A. (2021). Multicultural Virtual Team Performance: The Impact of Media Choice and Language Diversity. <i>Small-Group Research</i>, 1046496420985614</li> <li>2. Hacker, J. V., Johnson, M., Saunders, C., &amp; Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i>, 23.</li> <li>3. Varhelähti, M. &amp; 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</li> </ol>	Supplementary literature	<p>Ford, R. C., Piccolo, R. F., &amp; Ford, L. R. (2017). Strategies for building effective virtual teams: Trust is key. <i>Business Horizons</i>, 60(1), 25-34.</p> <p>Hacker, J. V., Johnson, M., Saunders, C., &amp; Thayer, A. L. (2019). Trust in virtual teams: A multidisciplinary review and integration. <i>Australasian Journal of Information Systems</i>, 23.</p> <p>Liao, C. (2017). Leadership in virtual teams: A multilevel perspective. <i>Human Resource Management Review</i>, 27(4), 648-659.</p> <p>Wheelan, S.s: (2005). <i>Group Processes: A Developmental Perspective</i>. Boston, MA, USA: Allyn Bacon..</p>	eResources addresses	Adresy na platformie eNauczanie: Virtual work and virtual team management - 2025 - Moodle ID: 45918 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45918">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45918</a>
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Example issues/ example questions/ tasks being completed	<p>How to build trust in a virtual team?</p> <p>How to solve conflicts in a virtual team?</p> <p>What are the stages of a virtual team formation?</p>						
Work placement	Not applicable						