

Subject card

Subject name and code	Teamwork & Project Management, PG_00178117						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish Polish		
Semester of study	5		ECTS credits		5.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Organisational Behaviour -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Piotr Wróbel				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60		4.0		61.0	125
Subject objectives	The aim of the course is to develop students' competencies expected from participants in IT projects, particularly social skills and competencies related to teamwork, as well as knowledge of the Scrum methodology.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEL3_U11] The student can engage and collaborate in teams, assuming different roles.	The student is able to collaborate in both traditional and virtual project teams, taking on different roles depending on the adopted project management methodology.	[SU2] presentation/project/paper/report
	[liEL3_K02] The student is ready to perform professional roles responsibly, observe professional ethics and require this of others, and care for the achievements and traditions of the professions related to econometrics, informatics or statistics.	Student demonstrates readiness to responsibly perform various professional roles within a project team, adheres to the principles of professional ethics and encourages others to do the same	[SK1] oral statement/conversation/discussion
	[liEL3_U06] The student can use and integrate knowledge of management and quality sciences, economics, and finance to resolve dilemmas and complex problems that arise in professional work.	The student is able to apply concepts and tools from the fields of management and quality sciences to solve problems arising during project implementation.	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[liEL3_W04] The student has advanced knowledge and understanding of human roles, places, and behaviour in organizations or projects, both as individuals and in group and organizational dimensions.	The student distinguishes between different attitudes and behaviours of employees within project teams and understands the motivations behind them.	[SW4] test/exam - oral or written
	[liEL3_U09] The student can effectively plan and execute their learning process while continuously enhancing their econometrics, informatics, and statistics skills throughout their lives.	The student is able to independently plan and develop their skills relevant to teamwork and project management	[SU1] oral statement/conversation/discussion
	[liEL3_U10] The student can convey information clearly and effectively, presenting their opinions using econometrics, informatics, and statistics terminology across various media.	Student is able to conduct effective internal and external communication during the work of a project team.	[SU1] oral statement/conversation/discussion
Subject contents	1/ Team building : stages in the team life cycle, group processes, team roles, team member selection. Cooperation and competition within the team, motivating employees in the team. The role of the team leader, leadership styles in teams. Organization of team work. Barriers to teamwork. The specifics of managing a virtual team. 2/ Communication : verbal, written, electronic. Providing feedback to employees. The art of presentation. 3/ Conflict management : difficult situations in the workplace. Negotiations. 4/ Principles of personal effectiveness : time management, building your career path, developing your own competencies. 5/ Agile Manifesto : characteristics, types, strengths, and weaknesses of agile techniques. Scrum roles, ceremonies, and artifacts. 6/ Scaling Scrum projects LeSS, Nexus, and SAFe methodologies.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Test	51.0%	50.0%
	Project	51.0%	50.0%
Recommended reading	Basic literature	- R.W. Griffin, Podstawy zarządzania organizacjami, PWN, Warszawa 2022 M. Żeromski, Budowanie zespołu. Młotek Scrum Mastera, Helion, Warszawa 2020 P. Lencioni, Pięć dysfunkcji pracy zespołowej, MT Biznes, Warszawa 2019 R. Fisher, W. Ury, B. Patton, Dochodząc do TAK. Negocjowanie bez poddawania się, PWE, Warszawa 2016 S. West, K. Bittner, P. Kong, Nexus i skalowalny Scrum, APN Promise, Warszawa 2018	
	Supplementary literature	S. Covey, 7 nawyków skutecznego działania, Wydawnictwo Rebis, Warszawa 2022 S. Sinek, Liderzy jedzą na końcu, Wydawnictwo Helion, Warszawa 2021 C. Hamilton, Skuteczna komunikacja w biznesie, PWN, Warszawa, 2011 M. Stączek, Prezentacja publiczna: mów komunikatywnie, oryginalnie, przekonująco! (Wyd. 5, popr). Warszawa: EdisonTeam.pl, 2016 P. Wróbel, Zarządzanie zdalnymi pracownikami. Specyfika, wyzwania i rozwiązania, Wyd. Uniwersytetu Gdańskiego, Gdańsk 2021	

	eResources addresses	
Example issues/ example questions/ tasks being completed	• Stages of the team life cycle: characteristics, risks, solutions. • Describe the characteristics and scope of application for a selected leadership style. • Principles of conflict resolution in the workplace. • Scope of application, strengths, and weaknesses of agile techniques.	
Work placement	Not applicable	

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