



Subject card

Subject name and code	, PG_00069602						
Field of study	ZARZĄDZANIE PROJEKTAMI ZWINNYMI						
Date of commencement of studies	February 2024		Academic year of realisation of subject		2025/2026		
Education level	second-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Part-time studies (on-line)		Mode of delivery		blended-learning		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Management Engineering and Quality -> Faculty of Management and Economics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Grzegorz Zieliński				
	Teachers		dr inż. Grzegorz Zieliński				
			Dorota Kucharska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	24.0	0.0	0.0	24
	E-learning hours included: 18.0						
	eNauczanie source addresses: Moodle ID: 46392 Zarządzanie projektami zwinnymi (online) - ZIMA 2025/2026 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46392						
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	24		4.0		47.0	75
Subject objectives	The aim of the course is to prepare students to use agile management methods and tools in project work based on knowledge of agile management and methodologies, as well as to shape attitudes related to teamwork, responsibility and critical use of reliable sources of information in the context of project implementation in a changing business environment.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W06] identifies reliable sources of information relevant to the analyzed issues		knows and understands the criteria for evaluating the reliability of information sources in the context of analysis and decision-making in agile projects		[SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym		
	[K7_U05] cooperates with other people in the implementation of teamwork, both as a leader and a team member, effectively achieving the assumed goals		is able to collaborate within a project team, applying agile management principles and techniques in the roles of both leader and team member, in order to effectively achieve the project's objectives		[SU4] Ocena umiejętności korzystania z metod i narzędzi		

Subject contents	Course content – laboratory Basic Concepts and Definitions		
	Traditional vs. Agile Project Approaches		
	Agile Philosophy		
	History and Origins of Agile		
	Agile Manifesto Values and Principles		
	Agile Methodologies: Scrum, Kanban		
	Roles in Agile Teams		
	Agile Processes and Artifacts		
	User Stories and Story Points		
	Planning Poker		
	Task Prioritization		
	Agile Support Tools		
	Implementation Examples		
Prerequisites and co-requisites	Basic project management knowledge		
	Knowledge of basic concepts related to work organization and teams		
	The role of the project team, leader, and stakeholders.		
	Communication and team collaboration.		
	Basic communication and presentation skills		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written project report	60.0%	60.0%
	presentation of the report and questions about the presented report	60.0%	25.0%
	case study	60.0%	15.0%
Recommended reading	Basic literature	ROMAN PICHLER, ZARZĄDZANIE PROJEKTAMI ZE SCRUMEM, 2014, Helion Alina Kozarkiewicz, Paweł Paterek, Zwinne zarządzanie zespołami projektowymi. Praktyki zwinne w tworzeniu wartości dla interesariuszy projektów wytwarzania oprogramowania, Ekonomia Zarządzanie Rok: 2020	
	Supplementary literature	Jeff Gothelf, Josh Seiden, Lean UX dla zespołów Agile. Projektowane doskonałych wrażeń użytkownika. Wydanie II, 2019	
	eResources addresses		

Example issues/ example questions/ tasks being completed	Create an MVP Discuss Scrum roles Create user stories Create a Kanban board and define "done"
Practical activities within the subject	Not applicable

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