

Subject card

Subject name and code	Frameworks and tools for data engineers, PG_00064004								
Field of study	Data Engineering								
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026				
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study				
						Subject group related to scientific research in the field of study			
Mode of study	Full-time studies		Mode of delivery			at the	at the university		
Year of study	2		Language of instruction			English			
Semester of study	4		ECTS credits		4.0				
Learning profile	general academic profile		Assessme	ent form		exam			
Conducting unit	Department of Software Engineering -> Faculty of Electronics, Telecommunications and Informatics								
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Grzegorz Gołaszewski						
	Teachers		dr inż. Grzegorz Gołaszewski						
			mgr inż. Marcin Kwiatkowski						
			mgr inż. Rafał Dobrosielski						
			dr inż. Adam Kaczmarek						
			dr inż. Michał Zawadzki						
Lesson types and methods	Lesson type	Lecture	Tutorial	Laboratory	Projec	:t	Seminar	SUM	
of instruction	Number of study hours	30.0	0.0	30.0	0.0		0.0	60	
	E-learning hours included: 0.0								
Learning activity and number of study hours	Learning activity	earning activity Participation in classes include plan				Self-study		SUM	
	Number of study hours	60		8.0		32.0		100	
Subject objectives	The aim of the course is to familiarize students with project management methodologies and methods and tools supporting the organization of work within these projects.								

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Introduction to lightweight methodologies Persequisites and projects in Securing and the continuous deployment	Learning outcomes	Course outcome	Subject outcome Method of verification						
Preference Pre	Ecarring outcomes		· · ·						
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The student can make decisions				[SU5] Assessment of ability to					
Continuous integration									
and integrates knowledge from many disciplines in order to make effective decisions many disciplines in order to make effective decisions									
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Example issues/ example questions/ tasks being completed	Prepare the Product Backlog using the given tool.
	Create and configure a code repository in the chosen Git tool
	3. Define the branch management policy
	4. Configure CI/CD
Work placement	Not applicable

Document generated electronically. Does not require a seal or signature.

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