



Subject card

Subject name and code	PROJECT MANAGEMENT, PG_00070843						
Field of study	Economic Analytics						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
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 university	
Year of study	3	Language of instruction				Polish	
Semester of study	5	ECTS credits				3.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Informatics In Management -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Krzysztof Redlarski					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	30.0	0.0	0.0	45
	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	45	3.0	27.0	75		
Subject objectives	preparing students to select and apply appropriate project management methodologies and tools in teamwork, based on knowledge of methods for classifying and evaluating information used in decision-making processes, in the context of carrying out interdisciplinary projects.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U03] collaborates with others in solving interdisciplinary problems.	is able to collaborate within a project team to solve interdisciplinary problems, sharing tasks, communicating progress, and jointly developing solutions.			[SU1] Assessment of task fulfilment		
	[K6_W04] possesses advanced knowledge of the principles of creative and entrepreneurial activity, enabling the identification and implementation of innovative ideas while ensuring compliance with copyright protection requirements.	The student knows and understands the principles of creative and entrepreneurial action in project management, including identifying and implementing innovative solutions.			[SW2] Assessment of knowledge contained in presentation		
	[K6_K02] is prepared to make competent and ethical decisions to create and maintain economic, social, and environmental values, demonstrating entrepreneurial actions.	is ready to make responsible and ethical decisions in project execution, taking into account their economic, social, and environmental impact, while demonstrating initiative and engagement in project activities.			[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	<p>Course content – lecture</p> <ol style="list-style-type: none"> 1. Basic issues related to project management. 2. Classic, agile and adaptive project management methodologies. 3. Principles of project planning. Project management areas and processes. 4. Project integration management. Scope management in the project. 5. Project resource management. Time management in the project. 6. Project cost management. Methods of analyzing the costs and duration of the project. 7. Quality management in the project. Project communication management. 8. Project risk management. Managing orders in the project. 9. Managing stakeholders in the project. Project portfolio management. 10. Using MS Project software to implement your own project. 11. Designing a network of activities in the form of a network diagram. 12. Designing a network of activities with a list of tasks, parent and child tasks. 13. Allocation of resources to tasks according to the method of constant work, constant time, constant number of resources. 14. Resource balancing and overload elimination. Overtime as a rescue resource. 15. Project cost analysis. Risk analysis of meeting the project deadline, reporting. 			
	<p>Course content – laboratory</p> <ol style="list-style-type: none"> 1. Basic issues related to project management. 2. Classic, agile and adaptive project management methodologies. 3. Principles of project planning. Project management areas and processes. 4. Project integration management. Scope management in the project. 5. Project resource management. Time management in the project. 6. Project cost management. Methods of analyzing the costs and duration of the project. 7. Quality management in the project. Project communication management. 8. Project risk management. Managing orders in the project. 9. Managing stakeholders in the project. Project portfolio management. 10. Using MS Project software to implement your own project. 11. Designing a network of activities in the form of a network diagram. 12. Designing a network of activities with a list of tasks, parent and child tasks. 13. Allocation of resources to tasks according to the method of constant work, constant time, constant number of resources. 14. Resource balancing and overload elimination. Overtime as a rescue resource. 15. Project cost analysis. Risk analysis of meeting the project deadline, reporting. 			
Prerequisites and co-requisites				
Assessment methods and criteria	Subject passing criteria		Passing threshold	Percentage of the final grade
	Presentation		60.0%	10.0%
	Problem-based test		60.0%	40.0%
	Team project		60.0%	50.0%
Recommended reading	Basic literature	<ol style="list-style-type: none"> 1. Redlarski K. (2016). Podstawy metodyki zarządzania projektami w ujęciu klasycznym. Gdańsk: Wydawnictwo Politechniki Gdańskiej 2. Project Management Institute, Inc. (2021). A Guide to the Project Management Body of Knowledge. (PMBOK® Guide) 3. Wilczewski S. (2014). MS Project 2013 i MS Project Server 2013. Efektywne zarządzanie projektem i portfelem projektów. Gliwice: Wydawnictwo Helion 		
	Supplementary literature	<ol style="list-style-type: none"> 1. Berkun S. (2006). Sztuka zarządzania projektami. Gliwice: Wydawnictwo Helion 2. Trocki M. (2003). Zarządzanie projektami. Warszawa: Wydawnictwo PWN 		
	eResources addresses			
Example issues/ example questions/ tasks being completed	Exercises in the field of project management			
Practical activities within the subject	Not applicable			

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