GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	PROJECT MANAGEMENT, PG_00061396
Field of study	Engineering Management

Date of commencement of studies	October 2023	Academic year of realisation of subject	2024/2025
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	Part-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	3	ECTS credits	5.0
Learning profile	general academic profile	Assessment form	exam

Conducting unit	Department of Informatics in Management -> Faculty of Management and Economics

Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Sławomir Ostrowski
	Teachers	dr inż. Sławomir Ostrowski

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	16.0	0.0	0.0	32
	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	32	7.0	86.0	125

Subject objectives	Plans the design process, taking into account all factors affecting the achievement of planned goals in a timely and financially effective manner

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U05] designs innovative solutions for complex management processes, using appropriate methods and techniques	designs complex management processes, using management methods to select resources, meet deadlines, risk assessment and cost analysis, carrying out a critical assessment of each stage	[SU3] Assessment of ability to use knowledge gained from the subject
	[K6_W05] integrates data from many sources to analyze complex problems of modern management	integrates data and information from many sources, selecting appropriate methods, obtaining the desired solution	[SW1] Assessment of factual knowledge

Subject contents	LECTURE: Basic issues related to project management Classic, agile and adaptive project management methodologies Project planning principles Areas and processes of project management Project integration management Project scope management Project resource management Time management in the project Project cost management Methods of cost and project duration analysis Quality management in the project Project communication management Project risk management Project order management. Project portfolio management LABORATORY Using the MS Project 2019 software to implement your own project Designing a network of activities in the form of a network diagram Designing a flowchart with a task list, parent and child tasks Assignment of resources to tasks according to the method of constant work, constant time, constant number of resources Resource balancing and elimination of overloads Overtime as a rescue resource Shared resource pool Managing multiple projects Project cost analysis Risk analysis of meeting the project deadline Reporting (printouts)		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written exam	60.0%	40.0%
	Project	100.0%	60.0%
Recommended reading	Basic literature	Project Management Institute, Inc.: A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) Redlarski, Krzysztof. Podstawy metodyki zarządzania projektami w ujęciu klasycznym. Wydawnictwo Politechniki Gdańskiej, 2016 Trocki M.: Zarządzanie projektami, PWN Warszawa 2003r Wilczewski S.: MS Project 2010 i MS Project Server 2010. Helion 2011	
	Supplementary literature	Pritchard Carl L., Zarządzanie ryzykiem w projektach, WIG - PRESS Warszawa 2002 Kerzner H.: Project Management a Systems Approach, To Pleanning, Scheduling and Controlling Chatfield C., Johnson T., MicrosoftOffice Project 2010 krok po kroku, RM Warszawa 2011	
	eResources addresses	Adresy na platformie eNauczanie: Zarządzanie projektami - NST - ZI - 3 sem - Moodle ID: 42192 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=42192	
Example issues/ example questions/ tasks being completed	Project management exercises		
Work placement	Not applicable		

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