GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	IT Project Management, PG_00053099					
Field of study	Data Engineering					
Date of commencement of studies	October 2022		Academic year of realisation of subject		2024/2025	
Education level	first-cycle studies		Subject group		Optional subject group 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	6		ECTS credits		5.0	
Learning profile	general academic profile		Assessment form		assessment	
Conducting unit	Department of Informatics in Management -> Faculty of Management and Economics					
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Krzysztof Redlarski				
	Teachers	dr inż. Krzysztof Redlarski				

Lesson types and methods of instruction	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	8.0	72.0	125

Subject objectives	The aim of the lecture is to present and discuss the methodologies methods and best practices in the IT project management.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U02] designs, analyses correctness and creates functional specification of IT systems, selects appropriate measures, creates quality models, prepares and assesses their design documentation.		
	[K6_K03] Knows how to cooperate or work in a project team and take managerial or executive functions.	Student, as an engineer with economic and financial skills is aware of the need for consultation based on the principles of their work on the background of the organization of the business enterprise and its technical infrastructure.	[SK1] Assessment of group work skills
	[K6_W11] has knowledge of the role of man in social structures and the impact of their decisions on economic situation of business entities	Knowledge of projects' architectures Identification of the role of the individual in complex structures design	[SW1] Assessment of factual knowledge

Subject contents	LECTURE: 1. Architecture of the IT project 2. Methodology agile project management methodology 3. Teams in agile approach 4. Agile methodology product management 5. Quality Management Software 6. Modeling of enterprise architecture 7. Business modeling notations 8. Project management in the enterprise computing 9. Corporate Architecture 10. Competency Management employee 11. Estimation Software 12. Security Management and Service Level Management systems 13. Foundations of legal aspects. LAB: 1. Initiation of an IT project. Case study. 2. Work on own project 3. Presentation of the projects of their own. 4. Modeling of enterprise architecture (eg. In ArchiMate) 5. Modeling, maintaining and developing the organization support. Case study 6. Presentation of own projects
Prerequisites and co-requisites	No requirements

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
mid-term colloquium	50.0%	50.0%
final test	50.0%	50.0%

Recommended reading

	Basic literature	Phillips J.: IT Project Management: On Track from Start to Finish. MC Graw-Hill 2010. Schwallbe K.: Information Technology Project Management. Cengage Learning 2016.
	Supplementary literature	Marchewka J. T.: Information Technology Project Management: Providing Measurable Organizational Value. Wiley, 2014. Love B. A.: IT Project Management: A Geek's Guide to Leadership (Best Practices and Advances in Program Management). CRC Press, 2017.
	eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed	Methods and techniques of acquisition, collection and management of users' requirements. Developing an IT project on the customer's order. Closing and settlement of the project. Identification of "bottlenecks" in the communication between team members.
Work placement	Not applicable