GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	IT Project Management, PG_00053099		
Field of study	IT Project Management		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2025/2026
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 -> Wydziały Politechniki Gdańskiej		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Jakub Chabik	
	Teachers	dr inż. Jakub Chabik	

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	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_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] Ocena wiedzy faktograficznej
[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] Ocena umiejętności pracy w grupie
[K6_U02] designs, analyses correctness and creates functional specification of IT systems, selects appropriate measures, creates quality models, prepares and assesses their design documentation.	The student as a project manager or member should be able to formulate requirements, understand the criteria of good quality requirements; be able to translate requirements to project scope, then match it against project schedule and budget.	[SU1] Ocena realizacji zadania [SU5] Ocena umiejętności zaprezentowania wyników realizacji zadania

<table>
<tr><td>Subject contents</td><td>Course content – 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.

Course content – laboratory
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</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>No requirements</td></tr>
<tr><td>Assessment methods and criteria</td><td><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>final test</td><td>50.0%</td><td>50.0%</td></tr><tr><td>mid-term colloquium</td><td>50.0%</td><td>50.0%</td></tr></table></td></tr>
<tr><td>Recommended reading</td><td><table><tr><td>Basic literature</td><td>Phillips J.: IT Project Management: On Track from Start to Finish. MC Graw-Hill 2010.

Schwallbe K.: Information Technology Project Management. Cengage Learning 2016.</td></tr><tr><td>Supplementary literature</td><td>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.</td></tr><tr><td>eResources addresses</td><td></td></tr></table></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td>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.</td></tr>
<tr><td>Practical activites within the subject</td><td>Not applicable</td></tr>
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