GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Project management, PG_00053353		
Field of study	Biomedical Engineering, Biomedical Engineering, Biomedical Engineering		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	second-cycle studies	Subject group	Obligatory subject group in the field of study Humanistic-social 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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Computer Architecture -> Faculty of Electronics, Telecommunications and Informatics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Jarosław Kuchta	
	Teachers	dr inż. Jarosław Kuchta	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	0.0	0.0	0.0	15

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	15	5.0	30.0	50

Subject objectives

Understanding the basics of project management with particular emphasis on IT projects

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K01] is ready to create and develop models of proper behaviour in the work and life environment; undertake initiatives; critically evaluate actions of their own, teams and organisations they are part of; lead a group and take responsibility for its actions; responsibly perform professional roles taking into account changing social needs, including: - developing the achievements of the profession, - observing and developing rules of professional ethics and acting to comply to these rules	The student is ready to take responsibility for the created project in the context of the organization.	[SK3] Assessment of ability to organize work [SK1] Assessment of group work skills

Subject contents

1. Introduction to project management. Two approaches to management
2. Classic methodologies of IT project management: cascade, iteration-incremental, multiphase
3. Agile methodologies - problems and limitations
4. Requirements engineering - extracting requirements, requirements versus quality
5. Estimating labor needs, costs and time
6. Risk analysis

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Small teams exercises	50.0%	40.0%
Frequency	50.0%	30.0%
Test	50.0%	30.0%

Recommended reading	Basic literature	1. Gregory Horine: Project Management Absolute Beginners Guide, 2017 2. Harol Kerzner: Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 2013
	Supplementary literature	1. PRINCE2 - The Executive Guide to Directing Projects, 2009 2. A Guide to the Project Management Body of Knowledge: PMBOK® Guide (Sixth Edition)
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	1. Preparation of requirements specification 2. Estimation of labor intensity and costs 3. Development of the project schedule 4. Conducting a risk analysis	
Work placement	Not applicable	

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