GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	PROJECTS IN ENTERPRISES, PG_00066546		
Field of study	Economic Analytics		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2026/2027
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	3	Language of instruction	Polish
Semester of study	6	ECTS credits	3.0
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. Krzysztof Redlarski	
	Teachers		

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	8.0	0.0	16.0	0.0	0.0	24

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	24	6.0	45.0	75

Subject objectives: Chooses the appropriate design methodology, depending on the nature and type of the project

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_W06] Understands and applies methods for classifying and evaluating acquired information based on advanced general and specialized knowledge, with consideration of their application in various types of professional activities.	selects IT tools adequate to solving problems, using the results in decision-making processes	[SW2] Assessment of knowledge contained in presentation
[K6_U03] Demonstrates professional and effective teamwork in addressing interdisciplinary problems, both as a leader and as a team member	uses various methods of solving project problems, acting within teams, as a contractor or a leader	[SU1] Assessment of task fulfilment

Subject contents

Basic issues related to project management.
Classic, agile and adaptive project management methodologies.
Principles of project planning. Project management areas and processes.
Project integration management. Scope management in the project.
Project resource management. Time management in the project.
Project cost management. Methods of analyzing the costs and duration of the project.
Quality management in the project. Project communication management.
Project risk management. Managing orders in the project.
Managing stakeholders in the project. Project portfolio management.
Using MS Project software to implement your own project.
Designing a network of activities in the form of a network diagram.
Designing a network of activities with a list of tasks, parent and child tasks.
Allocation of resources to tasks according to the method of constant work, constant time, constant number of resources.
Resource balancing and overload elimination. Overtime as a rescue resource.
Project cost analysis. Risk analysis of meeting the project deadline, reporting.

Prerequisites and co-requisites

<table>
<tr><td>Assessment methods and criteria</td><td colspan="2"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Project - laboratory</td><td>60.0%</td><td>60.0%</td></tr>
<tr><td>Written exam</td><td>60.0%</td><td>40.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>Redlarski, K. (2016). Podstawy metodyki zarządzania projektami w ujęciu klasycznym. Gdańsk: Wydawnictwo Politechniki Gdańskiej
Project Management Institute, Inc. (2021). A Guide to the Project Management Body of Knowledge. (PMBOK® Guide)
Wilczewski, S. (2014). MS Project 2013 i MS Project Server 2013. Efektywne zarządzanie projektem i portfelem projektów. Gliwice: Wydawnictwo Helion</td></tr>
<tr><td>Supplementary literature</td><td>Berkun, S. (2006). Sztuka zarządzania projektami. Gliwice: Wydawnictwo Helion
Trocki, M. (2003). Zarządzanie projektami. Warszawa: Wydawnictwo PWN</td></tr>
<tr><td>eResources addresses</td><td>Adresy na platformie eNauczanie:</td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Exercises in the field of project management</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
</table>

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