GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Software project implementation and management, E:41039W0		
Field of study	Space and Satellite Technologies		
Date of commencement of studies	February 2024	Academic year of realisation of subject	2023/2024
Education level	second-cycle studies	Subject group	
Mode of study	Full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	1	ECTS credits	2.0
Learning profile		Assessment form	assessment
Conducting unit	Rektor		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Marek Moszyński	
	Teachers	dr hab. inż. Marek Moszyński	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	0.0	15.0	0.0	30

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	30	0.0	0.0	30

Subject objectives

To familiarise students theoretically and practically with issues of software project engineering and management.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K02] Understands the non-technical aspects of activities in the field of space and satellite technologies, including their social consequences and impact on the state of the environment. Expresses opinions on the development of technology and related risks.	He understands non-technical aspects of issues related to the implementation and management of IT projects.	[SK2] Assessment of progress of work [SK1] Assessment of group work skills
K7_U12	Student is able to perform critical analysis of the requirements and restrictions with respect to the designed software system. He runs the software project according to the selected agile or disciplined methodology, as well as he has skills for managing software project using a given methodology.	[SU1] Assessment of task fulfilment [SU3] Assessment of ability to use knowledge gained from the subject
K7_W12	Student has knowledge on implementation and management of software development project, with respect to space applications.	[SW1] Assessment of factual knowledge [SW3] Assessment of knowledge contained in written work and projects

Subject contents

Project life-cycle, methods and frameworks for project organisation (disciplined, agile, hybrid); systems engineering management (risk management, configuration management, change management), project management and operations management

Prerequisites and co-requisites

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Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
project	50.0%	50.0%
exam	50.0%	50.0%

Recommended reading

Basic literature: Students will receive a reading list at the beginning of the semester.

	Supplementary literature	-
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	-	
Work placement	Not applicable	