University of Gdańsk

Subject card

Subject name and code	Management of Computer Projects, PG_00204170						
Field of study	Informatics						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Subject group related to practical vocational preparation			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	2		Language of instruction	Polish			
Semester of study	3		ECTS credits	3.0			
Learning profile	practical		Assessment form	credit			
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Adam Kostulak				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	0.0	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		45.0	75
Subject objectives	You will learn about the various methodologies of IT project management, project planning and execution, documentation, planning and scheduling of projects. Learn the basics of team building, change management and project risk management. Learn about modern tools which support cooperation and IT project management.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[INFPL3_K07] is prepared to think and act entrepreneurially, recognizing opportunities to apply information technologies to address market and social challenges	The student is able to analyze market and social problems and propose innovative solutions using information technologies, demonstrating initiative, creativity and entrepreneurial thinking.	[SK2] presentation/project/paper/ report
[INFPL3_U03] is able to cooperate with other people within teamwork, including being able to manage his/her time, make commitments, communicate using various techniques in the professional environment, including the use of dedicated tools; is able to present different opinions and alternative technical solutions in the project team, explaining their basis, consequences and impact on the project implementation	Manages scope of work and requirements Organises the work in an IT project Determines how to plan and manage project resources Plans the work schedule	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[INFPL3_K03] is ready to make decisions independently, critically evaluate their own actions and the actions of the teams they are part of directs, and the organizations in which it participates, accepting responsibility for the consequences of these actions	monitors project progress based on schedules and a variety of planning techniques reacts to change, managing change in an IT project	[SK2] presentation/project/paper/ report
[INFPL3_K01] is ready to critically assess the scope and quality of knowledge acquired and the content received, recognizing their limitations and the degree of credibility; demonstrates readiness to update one's own knowledge and confront it with various sources	Is aware of the dynamic development of information technology and the need to update knowledge in this in this area	[SK1] oral statement/conversation/ discussion
[INFPL3_K02] is ready to recognize the importance of knowledge in solving cognitive problems and practical and seeking opinions experts in case of difficulties with independent problem solving	Effectively uses contact with the leader in the implementation of an IT project	[SK1] oral statement/conversation/ discussion

Subject contents

Traditional and agile IT project management methodologies.
IT project planning:
- managing the scope of work and requirements
- organisation of work in an IT project
- ways of planning and managing project resources
- work schedule planning

Project management:
- monitoring project progress based on schedules and various planning techniques
- responding to change, managing change in an IT project
- anticipating, monitoring and managing risks in an IT project

Working with the project team and conflict resolution

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
	51.0%	100.0%

Recommended reading

Basic literature	Joseph Phillips. IT Project Management. On Track from Start to Finish, 3rd Edition
Supplementary literature	-
eResources addresses	

Example issues/ example questions/ tasks being completed

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Work placement

Not applicable

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