

Subject card

Subject name and code	Management of Computer Projects, PG_00161067						
Field of study	Informatics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	Master's studies		Subject group				
Mode of study	part-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		6.0		
Learning profile	academic		Assessment form				
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Monika Woźniak				
	Teachers		dr Monika Woźniak				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	0.0	20.0	0.0	0.0	40
	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	40		0.0		95.0	135
Subject objectives	Acquiring knowledge and practical skills in the area of placing an IT project in an organization, IT project management methodologies, areas and groups of processes occurring in IT project management. Acquiring knowledge of the basics of team building, change management and project risk management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[INFMU2_U02] is able to formulate questions with precision, serving to deepen his/her own reasoning on a given topic or to find missing elements of reasoning	INFMU2_U02 can formulate questions precisely to deepen one's own understanding of a given topic or to find missing elements of reasoning necessary in project management	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[INFMU2_U07] is able to work in a team and manage the work of projects that are long-term in nature, is able to manage his/her time and make commitments and meet deadlines, communicate using various techniques including dedicated tools	INFMU2_U07 has the ability to work in a team and manage the work of long-term projects, is able to manage his/her time, make commitments and meet deadlines, communicate using various techniques, including dedicated tools for project work	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU5] implementation of a problem task
	[INFMU2_K02] is ready to work in a team and to lead a team, understands the necessity of systematic work on projects of long-term character, among other things is able to plan work in a group, is able to determine the priorities of work	INFMU2_K02 is ready to work in a team and lead a team, understands the need for systematic work on long-term projects, among others is able to plan work in a group, is able to define work priorities in project management	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task
	[INFMU2_W08] has knowledge of the creation and development of forms of individual entrepreneurship	INFMU2_W08 has knowledge about the creation and development of forms of individual entrepreneurship, in particular those using project-based forms of work	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW5] implementation of a problem task
	[INFMU2_K05] is able to think and act in an entrepreneurial manner while observing the principles of professional ethics	INFMU2_K05 has the ability to think and act in an entrepreneurial manner while maintaining the principles of professional ethics while implementing project activities	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK5] implementation of a problem task
Subject contents	Lecture: - IT portfolio, program and project management - Definition, role and characteristics of IT projects - IT project management methodologies and standards - Organizational project maturity, IT-business alignment - Areas and process groups in IT project management - IT project management instruments Laboratory: - IT project life cycle - Project and product management - IT project management methodologies and standards - Project team - Areas and process groups in IT project management (case study)		
Prerequisites and co-requisites	No prerequisites or additional requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		51.0%	30.0%
		51.0%	50.0%
		100.0%	20.0%
Recommended reading	Basic literature	Trocki M., Organizacja projektowa, Polskie Wydawnictwo Ekonomiczne, Warszawa 2014 Flasiński M., Zarządzanie projektami informatycznymi, PWN, Warszawa 2022 Szyjewski Zdzisław, Metodyki zarządzania projektami informatycznymi, Placet 2014 Martin R. C., Zwinne wytwarzanie oprogramowania. Najlepsze zasady, wzorce i praktyki, Helion, Gliwice 2015	

	Supplementary literature	Woźniak M., Differentiated project and technology maturity in an organization a case study, Scientific Papers of Silesian University of Technology. Organization and Management Series, 2024, no. 203, pp. 617-635. https://doi.org/0.29119/1641-3466.2024.203.34 Woźniak M., Sliż P., Wycinka E., Wpływ implementacji technologii ICT na dojrzałość procesową i projektową na przykładzie dużych organizacji w Polsce, Studia i Prace. Kolegium Zarządzania i Finansów. Zeszyt Naukowy 195/2023, s. 245-266. https://doi.org/10.33119/SIP.2023.195.12 Woźniak, M. Sustainable Approach in IT Project Management Methodology Choice vs. Client Satisfaction. Sustainability, 13(3):1466, 2021. https://doi.org/10.3390/su13031466
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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