

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Software Project Management, PG_00047721							
Field of study	Informatics							
Date of commencement of studies	October 2022		Academic year of realisation of subject			2022/2023		
Education level	second-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	1		Language of instruction			Polish		
Semester of study	2		ECTS credits			4.0		
Learning profile	general academic profile		Assessment form		exam			
Conducting unit	Department of Software Engineering -> Faculty of Electronics, Telecommunications and Informatics							
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Michał Wróbel					
	Teachers		mgr inż. Małgorzata Pykała dr inż. Michał Wróbel					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	t	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 ir classes include plan		ا didactic Participation in ed in study consultation hours		in nours	Self-study		SUM
	Number of study hours	30		10.0		60.0		100
Subject objectives	The aim of the course is to familiarize students with the principles, strategies and context of IT project management. During the course areas of IT project management and related principles of planning, estimating, tracking and progress of the project will be presented.							

Learning outcomes	Course outcome	Subject outcome	Method of verification				
	[K7_U08] while identifying and formulating engineering tasks specifications and solving these tasks, can:n- apply analytical, simulation and experimental methods,n- notice their systemic and non-technical aspects,n- make a preliminary economic assessment of suggested solutions and engineering workn	The student is able to prepare a preliminary project plan together with a profitability analysis.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment				
	[K7_U43] can apply information technologies in market economy and information society conditions as well as algorithmize and computerize cognitive and decision-making processes in other areas of knowledge	The student is able to choose appropriate methods of software development management depending on the business context.	[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment				
	[K7_W43] Knows and understands, to an increased extent, the nformal, technical and social aspects of the operation of complex information systems in the information society and in the global information n infrastructure.	Student understands the problem of requirements specification in the software development process, as well as the impact of the created systems on the environment.	[SW1] Assessment of factual knowledge				
	[K7_U11] can manage team work	student can play various roles in an IT project	[SU1] Assessment of task fulfilment				
	[K7_W05] Knows and understands, to an increased extent, methods of process and function support, specific to the field of study.	Student knows popular methods of IT project management.	[SW1] Assessment of factual knowledge				
Subject contents		•	•				
	 The concept and context of IT project Project management methodology Management methodology software development The risk in IT projects Planning and supervision of the project 						
Prerequisites and co-requisites							
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade				
and criteria	Project	50.0%	50.0%				
	Exam	50.0%	50.0%				
Recommended reading	Basic literature	 A. Koszlajda, Zarządzanie Projektami IT Przewodnik po Metodykach, Helion, 2010 Caddle J., Yeates D.: Zarządzanie procesem tworzenia systemów informacyjnych. WNT, 2001. 					
	Supplementary literature	 Górski J. (red.) Inżynieria oprogramowania w projekcie informatycznym, MIKOM, 2000 Szyjewski Z.: Metodyka zarządzania projektami informatycznymi. Wyd. Placet, 2004. A Guide to the Project Management Body of Knowledge (PMBoK), Project Management Institute, 2004 (wydanie polskie "Kompendium wiedzy o zarządzaniu projektami", MT&DC) IEEE Std. 1490-1988 Zalecenia biblioteki ITIL (Information Technology Infrastructure Library) 					
	eResources addresses Adresy na platformie eNauczanie:						
Example issues/ example questions/ tasks being completed	 Development of initial assumptions Develop preliminary project plan Develop a detailed project plan 						
Work placement	Not applicable						