



Subject card

Subject name and code	PROCESS MODELING METHODS, PG_00061422						
Field of study	Engineering Management						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group		
Mode of study	Part-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	general academic profile		Assessment form		assessment		
Conducting unit	Department Of Management Engineering And Quality -> Faculty Of Management And Economics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Grzegorz Zieliński				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	0.0	0.0	0.0	16
	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	16		5.0		54.0	75
Subject objectives	Analyzes engineering and managerial solutions in decision-making processes, taking into account aspects focused on process management						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W03] identifies reliable sources of information relevant to the analyzed issues		obtains reliable information about the examined processes, enabling their evaluation and improvement		[SW1] Assessment of factual knowledge		
	[K6_U02] prepares and presents convincing, professional presentations of the results of its activities, with their advanced interpretation		presents the results of analyzes in a convincing way, making an advanced interpretation of the proposed solutions		[SU5] Assessment of ability to present the results of task		
Subject contents	Basics of modeling Model classifications Static and dynamic models Review of process modeling methods Notations in process modeling KPIs as process success factors BPMN in process modeling Manager dashboards in the visualization of process management						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Written elaboration		60.0%		100.0%		
Recommended reading	Basic literature		Drejewicz S. Zrozumieć BPMN. Modelowanie procesów biznesowych, Wyd. Helion, Gliwice 2011 Grajewski P. Procesowe zarządzanie organizacją, Wyd PWE Warszawa 2012				
	Supplementary literature		Szczepańska K., Bugdol M., Podstawy zarządzania procesami, Wyd Difin, Warszawa 2016				
	eResources addresses		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Identification, analysis, modeling and improvement of the selected process						
Work placement	Not applicable						

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