



Subject card

Subject name and code	WORK PROCESSES ORGANIZATION, PG_00061403						
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		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	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		5.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department Of Management -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Beata Basińska				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	16.0	0.0	0.0	32
	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	32		7.0		86.0	125
Subject objectives	Analyzes and evaluates work processes in various contexts, selecting appropriate advanced methods						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W05] integrates data from many sources to analyze complex problems of modern management		evaluates the functioning of work processes, extracting information relevant to a specific goal, analyzing them using appropriately selected methods		[SW1] Assessment of factual knowledge		
	[K6_U01] analyzes and evaluates complex processes in the context of the possibility of their improvement, using various methods, including analytical and simulation		creates models that reflect the implementation of work processes in various contexts, using analytical and simulation methods		[SU4] Assessment of ability to use methods and tools		
Subject contents	1. Human-oriented work systems 2. Assessment and analysis in work process organization 3. Examination and improvement of work processes 4. Operators' predispositions and work performance 5. Organization of shift work 6. Organization of work affected by monotony 7. Concepts of enriched work 8. Standardization of work process durations 9. Assessment and analysis of human workload 10. Selection and optimization of resources in work systems 11. Shaping the spatial structure of work 12. Evaluation and classification of work processes 13. Assessment of information links and information security 14. Design and standardization of processes in an organization 15. Optimization of work processes						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Lab reports and presentation		60.0%		50.0%		
	Exam		60.0%		50.0%		

Recommended reading	Basic literature	<p>Grajewski, P. (2016). <i>Organizacja procesowa</i>. Polskie Wydawnictwo Ekonomiczne.</p> <p>ISO 45 001 (2018). Occupational health and safety management systems Requirements with guidance for use.</p> <p>Piotrowski, M. (2013). <i>Procesy biznesowe w praktyce. Projektowanie, testowanie i optymalizacja</i>. Helion.</p> <p>Szatkowski, K. (2022). Nowoczesne zarządzanie produkcją: ujęcie procesowe. Wydawnictwo Naukowe PWN</p>
	Supplementary literature	<p>Basińska, B. A., & Garnik, I. (red.). (2014). Zarządzanie informacyjnym środowiskiem pracy.</p> <p>Karczewski, J., & Szuman, P. (2019) Scilab. Modelowanie i symulacja pracy układów. Wydawnictwo NAKOM</p> <p>Nawrat, R. (2021). <i>Inżynieria doskonałości w procesach biznesowych. Przewodnik po teorii i dobrych praktykach</i>. Elamed. https://open.icm.edu.pl/items/6cc57da1-a60a-40ab-94ce-390a86779e62</p>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Workflow mapping	
Work placement	Not applicable	

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