

Subject card

Subject name and code	Business Processes Modelling, PG_00037980							
Subject name and code Field of study	Management							
Date of commencement of studies	February 2022		Academic year of realisation of subject			2021/2022		
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			blended-learning		
Year of study	1		Language of instruction			Polish		
Semester of study	1		ECTS credits			2.0		
Learning profile	general academic profile		Assessment form			assessment		
Conducting unit	Department of Manag	ilty of Managen	omics					
Name and surname	Subject supervisor		mgr inż. Łukasz Błądek					
of lecturer (lecturers)	Teachers		mgr inż. Łukasz Błądek					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory Project		:t	Seminar	SUM
	Number of study hours	0.0	0.0	16.0	0.0		0.0	16
	E-learning hours inclu	E-learning hours included: 4.0						
	Adresy na platformie eNauczanie: Modelowanie procesów biznesowych - niestacjonarne - Moodle ID: 16466 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=16466							
Learning activity and number of study hours	Learning activity Participation in classes include plan				Self-study SUM		SUM	
	Number of study hours	16	3 4.0			30.0		50
Subject objectives	The aim is to acquire the practical skills to construct models of the processes using iGrafx Process software, simulation experiments, inference based on simulation results.							
Learning outcomes						Method of ve	erification	
	[K7_W07] knows in a methods and technic acquisition, enabling modelling of structur economic relations, taking place and the the implementation of the organization, i government adminis government and non organizations [K7_U02] analyses of economic processes phenomena using semethods and technic analysing socio-economic formulates their	in business practice. Is able to apply iGrafx Process			[SW1] Assessment of factual knowledge [SU1] Assessment of task fulfilment			
Subject contents	and conclusions concerning these processes and phenomena Basic concepts and definitions, getting familiar with iGrafx Process, process mapping, basic symbols (events, activities, getways). Simulation components: schedules, generators, resources, activities, attributes, functions, decision getways, charts, scenarios and reports. Simulation environment settings, scenarios.							
	Realization of tasks according to given parameters, simulating, analyzing results, optimizing the process. Examination task.							
Prerequisites and co-requisites								
Assessment methods	Subject passin	g criteria	Pass	ing threshold		Per	centage of th	e final grade
and criteria	Class exercise	60.0%			100.0%			
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Recommended reading	Basic literature	User manual of iGrafx Process, available on the Internet				
		Lab instructions published via http://moodle.zie.pg.gda.pl/				
	Supplementary literature	Grajewski P: Organizacja procesowa, PWE 2007				
		Piotrowski M.: Notacja modelowania procesów biznesowych. Podstawy, BTC 2014				
		Piotrowski M.: Procesy biznesowe w praktyce. Projektowanie, testowanie i optymalizacja, Helion 2013				
	eResources addresses	Modelowanie procesów biznesowych - niestacjonarne - Moodle ID: 16466 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=16466				
Example issues/ example questions/ tasks being completed	Build a simulation model of a process.					
	Carry out a simulation experiment.					
	ovements to the process.					
Work placement	Not applicable					

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