



Subject card

Subject name and code	PROCESS MANAGEMENT, PG_00060949						
Field of study	Management						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
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	Full-time studies	Mode of delivery			blended-learning		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Marzena Grzesiak					
	Teachers	dr inż. Marzena Grzesiak					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	15.0	0.0	0.0	45
	E-learning hours included: 22.0						
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	45	6.0		24.0		75
Subject objectives	Interprets the principles of process organization functioning by modeling processes, conducting simulation experiments and interpreting the results						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K7_U04] prepares and presents convincing, professional presentations of the results of its activities, with their in-depth interpretation		maps the operation of a real process in the form of a simulation model, presenting and interpreting the results obtained from a simulation experiment			[SU4] Assessment of ability to use methods and tools	
	[K7_W03] demonstrates in-depth preparation in the application of management methods and techniques for formulating and solving management problems		applies the BPMN modeling methodology to simulate business processes, obtaining solutions to defined problems			[SW1] Assessment of factual knowledge	

Subject contents	<p>LECTURE</p> <p>Introduction to Business Process Management. Process as the building blocks of organizational functioning system. Process management as a response to the turbulent nature of the business environment. Life cycle of process management. Measurement of business processes. Standardization of business processes. Process-oriented organization. Transformation of organizational structure supporting process management. Organizational process maturity. BPMN notation - process modeling standard.</p> <p>LABORATORY</p> <p>Principles of building process maps in BPMN notation. BMPN diagrams. Defining event parameters, activities. Defining messages, attributes and model parameters. Running a simulation. Analysis of the results. Implementation of an independent task: creating a process map, defining process parameters, conducting simulations, analyzing reports, creating scenarios, modifying model parameters Project implementation: creating a process map in accordance with the given description, defining model parameters (duration times, attributes, schedules, generators and others resulting from the process description), conducting simulations, analyzing the results, improving the process (modification of the process map and/or model parameters)</p>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="453 741 794 770">Subject passing criteria</th> <th data-bbox="799 741 1141 770">Passing threshold</th> <th data-bbox="1145 741 1490 770">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="453 777 794 806">Project</td> <td data-bbox="799 777 1141 806">56.0%</td> <td data-bbox="1145 777 1490 806">50.0%</td> </tr> <tr> <td data-bbox="453 813 794 842">Final test</td> <td data-bbox="799 813 1141 842">56.0%</td> <td data-bbox="1145 813 1490 842">50.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Project	56.0%	50.0%	Final test	56.0%	50.0%
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Recommended reading	Basic literature	<p>Dumas M., La Rosa.M, Mendling J., Reijers H.A.: Business Process Management. Istota zarządzania procesami biznesowymi, PWN, Warszawa 2022</p> <p>Grajewski P.: Organizacja procesowa, PWE, Warszawa 2007</p> <p>Misiak Z.: Modelowanie procesów biznesowych. BPMN 2.0 od podstaw, Onepress, 2023</p> <p>Sliż P: Organizacja procesowo-projektowa. Istota. Modelowanie. Pomiar dojrzałości. Wydawnictwo Difin, Warszawa 2021</p>										
	Supplementary literature	<p>Bitkowska A.: Zarządzanie procesami biznesowymi w przedsiębiorstwie, Vizja Press&IT, Warszawa 2009</p> <p>Bitkowska A.: Zarządzanie procesowe we współczesnych organizacjach, Difin 2013</p> <p>Grzesiak M. Modelowanie procesów biznesowych z wykorzystaniem narzędzi iGrafx Process 2015, Gdańsk 2018, wyd. PG</p> <p>Piotrowski M.: Notacja modelowania procesów biznesowych. Podstawy, Wydawnictwo BTC 2014</p> <p>Skrzypek E., Hoffman M.: Zarządzanie procesami w przedsiębiorstwie, Wolters Kluwer 2011</p>										
	eResources addresses	Adresy na platformie eNauczanie:										
Example issues/ example questions/ tasks being completed	<p>Characterize selected management concepts using the process approach. Analyze the differences Discuss selected IT tools in process management Perform the exercise according to the instructions - getting to know the application Graphically represent the process described in the task. Define its parameters. Analyze the results of the process. Suggest changes</p>											
Work placement	Not applicable											