



Subject card

Subject name and code	Management of IT Resources in the Enterprise, PG_00044763						
Field of study	Engineering Management						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2023/2024		
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	3		ECTS credits		4.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department Of Informatics In Management -> Faculty Of Management And Economics -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Magdalena Ciesielska				
	Teachers		dr inż. Magdalena Ciesielska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	8.0	0.0	8.0	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		8.0		76.0	100
Subject objectives	The aim of the course is to acquire knowledge about IT resource management in modern enterprise. The student will acquire knowledge about modern technologies and its use in the enterprise as well as basic knowledge in the field of human resource management in IT, infrastructure management, IT service management and the legal implications of implementing new technology in the enterprise.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U09] obtains data for analysis and interpretation of results using information technology		The student knows how to obtain data for analyze IT resources in enterprise with using information technology IT.		[SU1] Assessment of task fulfilment		
	[K6_U12] can design the process of exploitation of production and IT infrastructure with the use of appropriate methods, techniques and tools		The student is able to design the process of operating IT resources with using appropriate methods, techniques and tools.		[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
	[K6_W12] has a basic knowledge of production management and occupational safety and ergonomics management, as well as information technologies necessary for engineering management		The student possesses a fundamental knowledge of of IT asset management and IT technologies necessary in the field of engineering management		[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects		

Subject contents	1. Information Systems2. IT assets 3. Networks and telecommunications4. Databases and data warehouses5. IT technologies and platforms6. IT services7. IT processes8. Strategic IT		
Prerequisites and co-requisites	none		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Laboratory	60.0%	50.0%
	Lecture	60.0%	50.0%
Recommended reading	Basic literature	M. Pańkowska, Zarządzanie zasobami informatycznymi. Difin.Warszawa 2001. Ciesielska, M., & Musiatowicz-Podbiat, G. (2021). <i>Zarys problematyki zarządzania zasobami informatycznymi w przedsiębiorstwie</i> . Wydawnictwo Politechniki Gdańskiej.	
	Supplementary literature	Arkadiusz Januszewski; Funkcjonalność Informatycznychsystemów zarządzania - Zintegrowane systemy transakcyjne;PWN W-wa 2008 Jerzy Kisielnicki, Zarządzanie i Informatyka" Placet 2014 Kenneth C. Laudon and Jane Price Laudon, ManagementInformation Systems. Managing the Digital Firm, 12th Edition,Pearson Education Ltd. 2014.	
	eResources addresses	Adresy na platformie eNauczanie: Zarządzanie zasobami IT NS 2023/24 - Moodle ID: 31239 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=31239	
Example issues/ example questions/ tasks being completed	assign correct IT strategy model. Identify SLA parameters. Estimate TCO, CAPEX/OPEX. Choose the correct business model fo IT service delivery: Saas, laaS, PaaS.		
Work placement	Not applicable		

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