



Subject card

Subject name and code	, PG_00056592						
Field of study	TRANSFER TECHNOLOGII						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		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		Damian Ciachorowski				
	Teachers		Damian Ciachorowski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	15
	E-learning hours included: 0.0						
	eNauczanie source address: https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46937						
	Moodle ID: 46937 Transfer technologii https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46937						
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	15		0.0		0.0	15
Subject objectives	The aim of the course is to prepare students for: practical design and evaluation of research results commercialization paths (including license, spin-off, direct implementation), based on knowledge of technology transfer process design (IPR, science-business cooperation models, financing, profitability and risk analysis), and shaping attitudes related to responsible engineering and managerial decision-making, taking into account quality, environment and safety in the context of implementing innovations in industry and the economy.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U08] analyses engineering and managerial solutions in decision-making processes, taking into account pro-quality and pro-environmental aspects, as well as safety of work processes		The student is able to analyze engineering and managerial solutions and make decisions regarding commercialization (choice of path: license vs. spin-off, profitability/risk analysis, quality, environmental and health and safety conditions), applying technology transfer methods and tools to specific cases.		[SU4] Ocena umiejętności korzystania z metod i narzędzi		
	[K6_W13] has a basic knowledge of the design, modelling and optimisation of technical processes and systems		The student knows and understands the basics of designing research results commercialization processes (stages from ideation and incubation, through prototyping and concept visualization, to introduction and maintenance on the market; TTO roles, cooperation models, IPR) in the context of their modeling and optimization for implementation purposes.		[SW2] Ocena wiedzy zawartej w prezentacji [SW3] Ocena wiedzy zawartej w opracowaniu tekstowym i projektowym		
Subject contents							

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Comprehension test in the form of closed-ended problem questions	60.0%	50.0%
	Project report	60.0%	50.0%
Recommended reading	Basic literature	Gierulski W., Santarek K., Wiśniewska J., Komercjalizacja i Transfer Technologii, Wyd. PWE 2020 Głodek P., Gołębiowski M., Transfer technologii w małych i średnich przedsiębiorstwach, t. 1, STI M, Warszawa 2006.	
	Supplementary literature	Różański J., Transfer technologii w procesach innowacyjnych przedsiębiorstwa , Wyd., Uniwersytetu Łódzkiego 2019	
	eResources addresses		
Example issues/ example questions/ tasks being completed	The subject Technology Transfer is an intensive course devoted to the process of transferring modern technological solutions from the scientific and research sector to industry and the economy. Students will learn the basic mechanisms that enable the development of innovative products and services, as well as tools to support the commercialization of inventions. The course consists of fifteen hour classes, during which we will discuss key aspects of technology transfer, such as protection of intellectual property, models of cooperation between science and business, financing of innovations or analysis of profitability of implementing new solutions. The last class will be devoted to the presentation of credit projects developed by students.		
Practical activities within the subject	Not applicable		

Document generated electronically. Does not require a seal or signature.