GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00059290		
Field of study	Engineering Management		
Date of commencement of studies	October 2021	Academic year of realisation of subject	2024/2025
Education level	first-cycle studies	Subject group	Optional subject group 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	4	Language of instruction	Polish
Semester of study	8	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		
Name and surname of lecturer (lecturers)	Subject supervisor	Damian Ciachorowski	
	Teachers	Damian Ciachorowski	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	8.0	0.0	0.0	8

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	8	0.0	0.0	8

Subject objectives

The aim of the course is to present the stages of commercialization and technology transfer of products and services.

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	Analyzes engineering and managerial solutions in decision-making processes for commercialization of research results.	[SU4] Assessment of ability to use methods and tools
[K6_W13] has a basic knowledge of the design, modelling and optimisation of technical processes and systems	The participant has a basic knowledge of designing processes aimed at commercializing research results.	[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects

Subject contents

- Sources of R&D concepts
- Types of entities implementing the field of research and development
- Barriers to university-business cooperation
- Acknowledgement of the need, idea and concept
- Incubation of the idea
- Prototyping and visualization of the concept
- Launching, promotion and maintenance on the market
- Technology transfer platforms

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
	60.0%	100.0%

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	Adresy na platformie eNauczanie:
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 eight one-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.	
Work placement	Not applicable	

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