GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	, PG_00038023
Field of study	Management, Management

Date of commencement of studies	October 2023	Academic year of realisation of subject	2024/2025
Education level	second-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	blended-learning
Year of study	2	Language of instruction	Polish
Semester of study	3	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment

Conducting unit	Katedra Inżynierii Zarządzania i Jakości -> Faculty of Management and Economics
Name and surname of lecturer (lecturers)	Subject supervisor dr hab. inż. Anna Lis Teachers dr hab. inż. Anna Lis

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	8.0	8.0	0.0	0.0	0.0	16

E-learning hours included: 12.0

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	2.0	32.0	50

Subject objectives	Familiarize students with the methodology of implementing innovations and improvements in enterprises

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K7_K04] acts in accordance with the principles of building relations and managing processes and projects, organizing them for the benefit of the company and anticipating the consequences of decisions made	Works in accordance with the principles of building relationships and managing innovation processes and projects	[SK2] Assessment of progress of work
[K7_U02] analyses complex economic processes and phenomena using selected methods and techniques for analysing socio-economic data, and formulates their own opinions and conclusions concerning these processes and phenomena	Analyzes complex economic processes and phenomena using selected methods and techniques used in the field of innovation management	[SU2] Assessment of ability to analyse information
[K7_W02] has an in-depth knowledge of classical and modern management concepts and their application in the management of modern organizations of various types	Has in-depth knowledge of classical and modern concepts of innovation management in enterprises	[SW1] Assessment of factual knowledge

Subject contents	Lecture: Definition and types of innovation; Models of innovation; Innovation process; Innovation concepts; Innovation generation methods and tools. Exercises: Introduction; Empathizing; Defining the problem; Generating ideas; Building prototypes; Testing; Final exam.
Prerequisites and co-requisites	Not applicable

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Final project	100.0%	50.0%
	Final exam	60.0%	50.0%

Recommended reading	Basic literature	Pomykalski Andrzej: Zarządzanie innowacjami. Wydawnictwo Naukowe PWN, Warszawa-Łódź, 2001; Baruk Jerzy: Zarządzanie wiedzą i innowacjami. Wydawnictwo Adam Marszałek, Toruń, 2009; Niedzielski Piotr (i inni): Innowacyjność w działalności przedsiębiorstw. Kompedium wiedzy. Wydawnictwo Naukowe Uniwersytetu Szczecińskiego, Szczecin, 2007; Jasiński Andrzej H.: Innowacje i transfer techniki w procesie transformacji, Difin, Warszawa, 2006; Wirkus Marek, Lis Anna (red.), Zarządzanie projektami badawczo-rozwojowymi, Difin, Warszawa 2012, Wirkus Marek, Lis Anna (red.), Planowanie i rozwój nowych produktów, CeDeWu, Warszawa 2015
	Supplementary literature	Brown, T. (2019). *Change by design, revised and updated: how design thinking transforms organizations and inspires innovation*. HarperCollins; Kelly, R. (2016). *Creative development: Transforming education through design thinking, innovation, and invention*. Brush Education
	eResources addresses	Adresy na platformie eNauczanie: Wdrażanie usprawnień i innowacji nstac. on-line 2024/2025 - Moodle ID: 40008 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=40008

Example issues/ example questions/ tasks being completed	Stages of the innovation process

Work placement	Not applicable

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