

。 GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Microeconomics, PG_00050186								
Field of study	Engineering Management								
Date of commencement of studies	October 2021		Academic year of realisation of subject			2021/2022			
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	1		Language of instruction			Polish			
Semester of study	2		ECTS credits			5.0			
Learning profile	general academic profile		Assessment form			exam			
Conducting unit	Department of Economic Sciences -> Faculty of Management and Economics								
Name and surname of lecturer (lecturers)	Subject supervisor dr hab. Hanna Adamkiewicz								
	Teachers dr hab. Hanna Adamkiewicz								
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Projec	:t	Seminar	SUM	
	Number of study hours	16.0	16.0	0.0	0.0		0.0	32	
	E-learning hours included: 0.0								
	Adresy na platformie eNauczanie:								
Learning activity and number of study hours	Learning activity Participation ir classes includ plan		a didactic Participation in ed in study consultation hours		Self-study SUM				
	Number of study hours	umber of study 32		8.0		85.0		125	
Subject objectives	Understanding the functioning of differently organized markets and economic calculation in the company.								
Learning outcomes	Course out	Subject outcome			Method of verification				
	[K6_U01] interprets and analyses the phenomena and processes taking place in the economy and organisation using basic theoretical knowledge of economics, management and science		Student is able to describe and interpret microeconomic phenomena using known tools			[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools			
	[K6_W03] has a basic knowledge of the relationship both within the organisation and between the organisation and the environment		The student analyzes the impact of determinants of non-price demand and supply on the price of market equilibrium.			[SW1] Assessment of factual knowledge			
	[K6_W01] has a basic knowledge of the nature of social sciences necessary to define basic concepts of economics and management		The student defines the basic economic values and distinguishes them.			[SW1] Assessment of factual knowledge			
	[K6_K03] initiates creative and entrepreneurial activities in the organization using the knowledge of engineering management		Student analyzes the main problems in the enterprise related to the optimization of costs, thresholds of profitability and financial results achieved.			[SK5] Assessment of ability to solve problems that arise in practice			
	[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		Student calculates end interprets the productivity of factors of production, the elasticity of demand and financial performance of the company.			[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools			

Subject contents	LECTURES Introduction to microeconomics - consumption, production, market. Measurement of economic variables - stocks, flows and parametric variables. Consumption demand - preferences and budget constraints. Elements of the theory of cosumer behavior - indifference curve analysis. Demand reaction to changes in prices - price demand curve and price elasticity of demand. Demand reaction to changes in complementary and substitution goods" prices. Demand reaction to changes in income - Engel curve and income elasticity of demand. The theory of cost production and supply. The model of perfect competitive market. The model of pure monopolistic market. The model of monopolistic competitive market. The model of pure monopolistic market. The model of monopolistic competitive market. TutORIALS Measurement of economic variables - stocks, flows and parametric variables - solving problems. Consumption demand - preferences and budget constraints - discussion and solving problems. Elements of the theory of cosumer behavior - indifference curve analysis - drawing the curves. Demand reaction to changes in prices - price demand curve and price elasticity of demand - calculations and problems solving. Demand reaction to changes in complementary and substitution goods prices - problem solving. Demand reaction to changes in complementary and substitution goods prices - problem solving. The theory of cost production and supply - cost analysis, drawing the cost curves, problem solving. The model of perfect competitive market - calculation of equlibrium market price and quantity. The model of pure monopolistic competitive market - calculation of equlibrium market price and quantity. The model of pure monopolistic market - calculation of equlibrium market price and quantity. The model of pure monopolistic market - calculation of equlibrium market price and quantity. The model of pure monopolistic market - calculation of equlibrium market price and quantity. The model of pure monopolistic market - calculation of equlibrium price and qua						
Prerequisites and co-requisites	Matematics	matics					
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade				
and criteria	Written exam	60.0%	100.0%				
Recommended reading	Basic literature 1) N. Gregory Mankiw, Mark P. Taylor, Microeconomic, PWE 2015 and newer edition 2) Ossowski Jerzy Cz. Microeconomics, textbook and exercise materials, kurs E-nauczanie, Politechnika Gdańska, 2020						
	Supplementary literature	 P. Krugman, R. Wells, Microeconomic, PWN 2020, Hal R. Varian, Microeconomics, Average level course - modern approach, PWN 2013 					
Example issues/ example questions/ tasks being completed	 Ceteris paribus, decrease in meat price results in (decrease/increase) in demand for fish, because fish 						
Work placement	Not applicable						

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