



## Subject card

Subject name and code	Microeconomics in the Enterprise, PG_00019544						
Field of study	Mechanical Engineering, Mechanical Engineering						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group				
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		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Manufacturing and Production Engineering -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Aniela Mikulska				
	Teachers		dr Aniela Mikulska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
	Additional information: stationary classes; building entrepreneurial attitudes, developing interest in the functioning of economic entities through observation and numerous examples of successful entrepreneurs;						
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	30		0.0		0.0	30
Subject objectives	Acquaint students with the basic economic rights existing in the market economy and the principles of functioning of businesses.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W12] possesses basic knowledge necessary to understand the ex-technical conditions of engineering activity, possesses basic knowledge on management, including quality management and running commercial enterprise, within the range of protection of intellectual property and patent law; knows general principles of creating and developing forms of individual entrepreneurship and basic HSE rules applicable to machine industry	knows the conditions of managerial decisions in the enterprise and the principles of market functioning, optimizes economic choices	[SW1] Assessment of factual knowledge
	[K6_U11] is able to analyse the operation of devices and compare the construction solutions applying usage, safety, environmental, economic and legal criteria	searches for various sources of business knowledge, is able to use them to make managerial decisions, uses the principles of economic calculation,	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	[K6_K01] is aware of the need for complementing the knowledge throughout the whole life, is able to select proper methods of teaching and learning, critically assesses the possessed knowledge; is aware of the importance of professional conduct and following the rules of professional ethics; is able to show resourcefulness and innovation in the realisation of professional projects	cooperates in a group to search for solutions to economic problems, shares thoughts on the functioning of markets	[SK1] Assessment of group work skills
Subject contents	LECTURE Economics as a science. Market and market economy. Circular movement in the economic system. Price and income elasticity of demand. Basics of consumer choice. Production and costs in the enterprise. Balance in the enterprise. Company short-term and long-term decisions in differently organized markets.TUTORIALS: Determining the demand function and the market equilibrium point. Price, mixed and income elasticity of demand. Costs, types and operational analyzes of the company. Long-term and short-term decisions of companies are based on the marginal cost criterion.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Colloquium	55.0%	100.0%
Recommended reading	Basic literature	1. G.N. Mankiw, G.Taylor, Microeconomics, 2015 2. Paul Krugman, Robin Wells, Microeconomics, 2020	
	Supplementary literature	1. Bob Frank: Principles of Economic, McGraw-Hill	
	eResources addresses	Podstawowe <a href="https://pl.khanacademy.org/economics-finance-domain/microeconomics-microeconomics-lessons-online">https://pl.khanacademy.org/economics-finance-domain/microeconomics - microeconomics lessons online</a> Uzupełniające Adresy na platformie eNauczanie: Mikroekonomia MiBM sem.7 - zima 2023/24 - Moodle ID: 27795 <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=27795">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=27795</a>	
Example issues/ example questions/ tasks being completed	1. What is the market and the market economy? 2. Define the concept of supply demand: characterize the market equilibrium point. 3. Characterize curves: indifference budgetary constraints. 4. Define the costs of the company. 5. What are the benefits of economies of scale?		
Work placement	Not applicable		