



Subject card

Subject name and code	Fundamentals of Economics, PG_00056494						
Field of study	Mechanical and Medical Engineering						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			e-learning		
Year of study	1	Language of instruction			Polish		
Semester of study	1	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Anna Dembicka					
	Teachers	dr Anna Dembicka					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 15.0						
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	15	1.0		9.0	25	
Subject objectives	It is assumed that the student, after completing the course of economics, will understand and correctly use the basic categories and understand the phenomena in the field of economics discussed during the lecture.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_K01] he/she knows his/her proficiencies and his/her limitations in performing professional tasks, he/she is aware of needing to improve his/her skills through the whole life, he/she has entrepreneurship and innovation skills, he/she is aware of engineering skills from the society point of view	He is aware of the need to constantly enrich his knowledge. It works, showing entrepreneurship and innovation.			[SK3] Assessment of ability to organize work [SK2] Assessment of progress of work		
	[K6_K02] he/she is aware of importance of professional dealing and to fulfill ethics obligations, he/she understands other (non-technical) abilities of mechanical engineering professional, their influence on the society and security of environment, he/she is aware of importance of social cooperation	He can peel the roles and tasks assigned to him as a practical and ethical way at the same time.			[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK1] Assessment of group work skills		
	[K6_W11] he/she is aware of social and juridical rules and general rules of creation and developing of individual entrepreneurship, business and quality management	Has knowledge of socio-economic and legal aspects related to the creation and development of entrepreneurship and quality management			[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects [SW1] Assessment of factual knowledge		
Subject contents	1. Basic concepts to economics. 2. Types and functioning of economic entities in the micro and macro environment. 3. The market and its characteristics. 4. The theory of demand, supply and market equilibrium. 5. The theory of consumer choice. 6. Economics of the enterprise, decisions of producers. 7. The circular movement of money. 8. Account of the national income. 9. Money and banking system. 10. Fiscal and monetary policy. 11. Labor market, definition and types of unemployment. 12. The concept and types of inflation. 13. Schools in Economics. 14. Noble Economics 1969-2021. 15. Behavioral economics, economics of experience, doughnut economics (Kate Raworth)						

Prerequisites and co-requisites	not applicable		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		60.0%	70.0%
		60.0%	30.0%
Recommended reading	Basic literature	<p>L. J. Jasiński, Nobel z ekonomii 1969-2011. Poglądy laureatów w zarysie. Key Text, Warszawa 2012.</p> <p>P.A. Samuelson, W. D. Nordhaus, Ekonomia, Tom I i II, PWN 2004 (lub wznowione).</p> <p>D. Begg, S. Fischer, R. Dornbusch, Mikroekonomia, PWE, Warszawa 2003.</p> <p>D. Begg, S. Fischer, R. Dornbusch, Makroekonomia, PWE, Warszawa 2003.</p> <p>H. Rogall Ekonomia zrównoważonego rozwoju. Teoria i praktyka, Zysk i Ska. Poznań 2010.</p> <p>A. Stabryła, Zarządzanie strategiczne w teorii i praktyce firmy, PWN, Warszawa 2000.</p> <p>N. G. Mankiw, M. P. Taylor, Mikroekonomia, PWE, Warszawa 2015.</p> <p>R. Milewski, E. Kwiatkowski, Podstawy ekonomii, PWN, Warszawa 2005.</p>	
	Supplementary literature	proposed on an ongoing basis by the lecturer	
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>PODSTAWY EKONOMII (PG_00056495) (PG_00056494) (PG_00056661), W, przedmiot humanistyczno-społeczny (wybieralny), sem. 1, zimowy 2023/24 - Moodle ID: 34109</p> <p>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34109</p>	
Example issues/ example questions/ tasks being completed	microeconomics, macroeconomics, theory of consumer choice, producer and its goals, costs, profits, types of competition, types of enterprises, real and nominal value, market economy, factors of production, entrepreneurship, needs, goods, private property, appreciation and depreciation of money, benefits and disadvantages of scale, absolute vs comparative advantage, development vs economic growth, business cycle, money and its functions, monetary and fiscal policy, labor market and unemployment, inflation, major schools in economics, behavioral economics, doughnut economics, green economy		
Work placement	Not applicable		