



Subject card

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|---|---|--|--|-------------------------------------|--|------------|-----|
| Subject name and code | Fundamentals of Economics, PG_00056494 | | | | | | |
| Field of study | Management and Production Engineering | | | | | | |
| Date of commencement of studies | October 2021 | | Academic year of realisation of subject | | 2021/2022 | | |
| Education level | first-cycle studies | | Subject group | | Optional subject group Humanistic-social subject group | | |
| Mode of study | Full-time studies | | Mode of delivery | | at the university | | |
| 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: 0.0 | | | | | | |
| | Adresy na platformie eNauczanie: | | | | | | |
| 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_U11] is able to identify and formulate simple engineering tasks related to the diagnostics of the technical condition of machines and devices using appropriate methods, techniques and tools | | He can analyze, apply performance, safety, environmental, economic and legal criteria - when analyzing design solutions | | [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task | | |
| | [K6_K01] feels the need for self-realization by learning throughout life, is looking for modern and innovative solutions in their actions, is able to think creatively and act in an entrepreneurial way | | He understands the need for lifelong learning, primarily in order to improve his professional and personal competences, has the ability to work in a group, self-education and the ability to be interested in the issues of the economic dimension of engineering projects. | | [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice [SK1] Assessment of group work skills | | |
| | [K6_W12] has detailed, theoretically founded knowledge of methods and techniques used in production quality control processes, statistical process control, modern techniques and measurement systems in quality assurance and information techniques in production systems | | Can use basic theoretical knowledge and make a preliminary economic analysis of engineering activities, has knowledge in the field of intellectual property protection, creation and development of entrepreneurship, knows the basic principles of occupational health and safety | | [SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects | | |

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| 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 | L. J. Jasiński, Nobel z ekonomii 1969-2011. Poglądy laureatów w zarysie. Key Text, Warszawa 2012. P.A. Samuelson, W. D. Nordhaus, Ekonomia, Tom I i II, PWN 2004 (lub wznowione). D. Begg, S. Fischer, R. Dornbusch, Mikroekonomia, PWE, Warszawa 2003. D. Begg, S. Fischer, R. Dornbusch, Makroekonomia, PWE, Warszawa 2003. H. Rogall Ekonomia zrównoważonego rozwoju. Teoria i praktyka, Zysk i Ska. Poznań 2010. A. Stabryła, Zarządzanie strategiczne w teorii i praktyce firmy, PWN, Warszawa 2000. N. G. Mankiw, M. P. Taylor, Mikroekonomia, PWE, Warszawa 2015. R. Milewski, E. Kwiatkowski, Podstawy ekonomii, PWN, Warszawa 2005. | |
| | Supplementary literature | proposed on an ongoing basis by the lecturer | |
| | eResources addresses | | |
| 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 | | |