



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economy

Course

Field of study

Aerospace engineering

Area of study (specialization)

–

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

Number of hours

Lecture

15

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

3

Lecturers

Responsible for the course/lecturer:

Arkadiusz Borowiec, BEng, PhD, DSc

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Faculty of engineering management

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Responsible for the course/lecturer:

Agata Budzyńska-Biernat, BEng, MSc

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Prerequisites

Has basic knowledge of mathematics and entrepreneurship. He knows the basic laws of the market. He can forecast the basic economic and social phenomena. Correctly uses the basic terms used in learning entrepreneurship. Can evaluate media information. Has the ability to understand and analyze basic socio-economic phenomena. He is active and willing to undertake entrepreneurial activities. Has the ability to work in a group and participate in the preparation of projects.

Course objective

C1 To acquaint students with the basic activities in the field of economic theory.

C2 Understanding how the market mechanism works.



C3 Acquainting students with the basic tools of economic analysis.

C4 Acquisition by students of the ability to make independent decisions from the point of view of the consumer and the producer.

C5 Transfer of knowledge in the field of resource and goods allocation in the process of globalization.

Course-related learning outcomes

Knowledge

has basic knowledge necessary to understand social, economic, legal and other non-technical determinants of engineering activity [K2A_W24]

knows the general principles of creating and developing forms of individual entrepreneurship, also taking into account time management, as well as the skills of proper self-presentation, using knowledge in the field of science and scientific disciplines relevant to aviation and astronautics [K2A_W26]

Skills

can estimate various types of costs, can verify and evaluate market phenomena, can assess the factors of economic growth and the importance of money for its development, can decide about economic choices in the field of consumption and production [K2A_U18]

Can use the language of mathematics (differential and integral calculus) to describe simple engineering problems [K2A_U11]

Social competences

understands the need for lifelong learning; can inspire and organize the learning process of other people [K2A_K01]

is able to cooperate and work in a group, assuming different roles in it [K2A_K04]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: on the basis of answers to questions about the material acquired at previous lectures,

Summative assessment: oral or written test exam.

Programme content

1. The subject of economics. Positive and normative economics. Main trends in economics.
2. Demand, supply.
3. Behavior of the organization on the market.
4. The enterprise and its functions in the economy.
5. Economic pension.



6. The balance of the organization on the competitive and labor market.
7. The role of the state in a market economy
8. Assessment of the efficiency of the market economy
9. Growth and economic development in theory and practice
10. The role of money and monetary policy
11. State budget
12. Globalization
13. International economic integration
14. International economic relations
15. Macroeconomic development disproportions of the modern world economy

Teaching methods

Informative (conventional) lecture (providing information in a structured way) - may be of a course (introductory) or monographic (specialist) character

Seminar lecture ("external dialogue" between the lecturer and the student; students participate in solving the problem)

Bibliography

Basic

1. Borowiec A., Brzęczek T., Mikroekonomia, Wyd. Politechnika Poznańska, Poznań 2011
2. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005
3. Skawińska E., Sobiech-Grabka K.G., Nawrot K.A., Makroekonomia. Teoretyczne i praktyczne aspekty gospodarki rynkowej, PWE, Warszawa 2010.
4. Skawińska E., Sobiech-Grabka K.G., Wstęp do Makroekonomii, Wyd. Politechniki Poznańskiej, Poznań 2010.

Additional

1. Dach Z., Mikroekonomia dla studiów licencjackich, Wyd. Naukowe Synaba, Kraków 2007.
2. Klimczak B., Mikroekonomia, Wyd. Akademii Ekonomicznej we Wrocławiu, Wrocław 2006
3. Sloman J., Economics, FT Prentice Hall, London, 2003.
4. Rogall H., Ekonomia zrównoważonego rozwoju. Teoria i praktyka, Wyd. Zysk i S-ka, Poznań 2010
5. Mankiw G.N., Taylor M.P., Makroekonomia, PWE, Warszawa 2009.



Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,0
Classes requiring direct contact with the teacher	25	1,0
Student's own work (literature studies, preparation for tests/exam) ¹	50	2,0

¹ delete or add other activities as appropriate