



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Basics of Business Economics

Course

Field of study

Safety 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

Other (e.g. online)

Tutorials

30

Projects/seminars

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

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Professor

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Faculty of Engineering Management

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Responsible for the course/lecturer:

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Prerequisites

A student starting this subject should have basic knowledge of mathematics and entrepreneurship. He should also use the basic terms acquired in the course of learning entrepreneurship as well as be able to evaluate media information. In addition, the student should also have the ability to work in a team.

Course objective

Familiarizing students with the basic concepts of the theory of business economics. Explaining the principles of operation of enterprises in the conditions of the market mechanism. To acquaint students



with the basic tools of economic analysis. Acquisition by students of the ability to make independent decisions from the producer's point of view. Transfer of knowledge about the main macroeconomic policies of the state.

Course-related learning outcomes

Knowledge

1. The student knows the issues of management and organization as well as marketing and logistics in the context of safety engineering [K1_W08]
2. The student knows the principles of creating and developing forms of individual entrepreneurship and problems resulting from the activities of enterprises in the market environment [K1_W13]

Skills

1. The student is able to use analytical, simulation and experimental methods to formulate and solve engineering tasks, also with the use of information and communication methods and tools [K1_U04]
2. The student is able to design, using appropriate methods and techniques, an object, system or process that meets the requirements of safety engineering and make its initial economic assessment [K1_U07]

Social competences

1. The student is aware of the importance of knowledge in solving problems in the field of safety engineering and continuous improvement [K1_K02]
2. The student is aware of the understanding of non-technical aspects and effects of engineering activities, including its impact on the environment and the related responsibility for decisions made [K1_K03]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture: The knowledge acquired during the lecture is verified by two summary tests. Each test consists of 10-20 questions (closed and open), with different scores. Passing threshold: 50% of points.

Tutorials: The knowledge acquired during the tutorials is verified by a final test consisting of 10-20 questions (closed and open), with different scores, and on the basis of tasks completed by the student himself or on the basis of the student's formulation of his own opinions during classes. Passing threshold: 50% of points.

Programme content

1. Introduction to the economy of the enterprise.
2. Market and market mechanism. Basic types of market.
3. Influence of the environment on the efficiency of management in an enterprise.
4. Management of fixed and current assets in the enterprise.



5. Capital management in the enterprise.
7. Investment processes in an enterprise.
8. Macroeconomic conditions of business activity (economic prosperity, economic growth and inflation, financial market)
9. Impact of globalisation process on an enterprise activity.

Tutorials:

1. Elasticity of supply and demand in theory and in practice.
2. Enterprises (concept, types of enterprises, goals of activity).
3. Behavior of enterprises on the market.
4. Productivity analysis.
5. Cost analysis.
6. The balance of the organization in the market.
7. Market economy efficiency assessment. State budget, deficit and public debt.
8. The role of money.
9. The problem of development disproportions in the contemporary world economy.

Teaching methods

Lecture: informative with elements of a problem lecture. The use of the mindmapping method. Weaving medody in case study and brainstorming.

Exercises: applying acquired knowledge in practice - calculating tasks. Seminar discussion.

Bibliography

Basic

1. Makro- i mikroekonomia. Podstawowe problemy współczesności, red. nauk. S.Marciniak, Wydawnictwo Naukowe PWN, Warszawa 2013.
2. Szczepański M., System finaosowy i rynek finansowy, w: Gajowiak M., Makroświat. Podręcznik z zadaniami do makroekonomii, Wydawnictwo Politechniki Poznańskiej, Poznań 2013.
3. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005
4. Czarny B., Podstawy ekonomii, Polskie Wydawnictwo Ekonomiczne, Warszawa 2011.



Additional

1. Szczepański M., Zarządzanie ryzykiem w przedsiębiorstwie, w: Barkiewicz P. , szczepański M., Podstawy zarządzania finansami przedsiębiorstw, Wydawnictwo Politechniki Poznańskiej, Poznań 2016.
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. Zys 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 | 100 | 4,0 |
| Classes requiring direct contact with the teacher | 45 | 2,0 |
| Student's own work (literature studies, preparation for tutorials, preparation for tests/exam, e-learning tasks) ¹ | 55 | 2,0 |

¹ delete or add other activities as appropriate