



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economics with Elements of Accounting

Course

Field of study

Mechatronics

Area of study (specialization)

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Level of study

First-cycle studies

Form of study

part-time

Year/Semester

1/3

Profile of study

general academic

Course offered in

PL

Requirements

elective

Number of hours

Lecture

24

Laboratory classes

Tutorials

Projects/seminars

Other (e.g. online)

Number of credit points

3

Lecturers

Responsible for the course/lecturer:

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Wydział Inżynierii Zarządzania

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Responsible for the course/lecturer:

Prerequisites

The student has the basic general knowledge necessary to understand the principles of economic



thinking. The student has knowledge about society and management at the high school level about the role of money in the economy and finance (financial market). The student also has the ability to obtain and interpret basic data on the economic situation of the country affecting the functioning of the enterprise, knows the basic concepts of accounting.

Course objective

Presentation of basic knowledge in the field of economics, organization and management. Among the main objectives of the subject are:

- O1. to familiarize students with the basic micro- and macroeconomic categories
- O2. developing practical skills related to knowledge of economic mechanisms
- O3. developing the ability to evaluate the data provided by accounting

Course-related learning outcomes

Knowledge

1. [K_W16] Understands the basic concepts of micro- and macroeconomic and accounting
2. [K_W16, K_W19] Knows the sources of financing the company's activity
3. [K_W16, K_W19] Can assess the company's situation on the basis of financial statements
4. [K_W16, K_W19] Knows the mechanisms and sources of using the opportunities of the financial market

Skills

1. [K_U22, K_U21] Is able to interpret the basic categories and measures of economic growth and development
2. [K_U22, K_U21] Is able to calculate the financial effects of using various financial instruments
3. [K_U22, K_U21] Interprets barriers and limits of economic growth
4. [K_U22, K_U21] Is able to read and interpret financial statements
5. [K_U01] Is able to use the indicated sources of knowledge (list of basic literature) and acquire knowledge from other sources, is able to integrate obtained information, make their interpretations, as well as draw conclusions and formulate and justify opinions.

Social competences

1. [K_K03] The student can work individually and in a team
2. [K_K01] The student understands the need for self-education and professional development
3. [K_K02] Is able to participate in the preparation of investment projects
4. [K_K06] The student is able to think and act in an entrepreneurial and innovative way



Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

LECTURE:

- formative assessment: discussions summarizing individual lectures, giving the opportunity to assess the student's understanding of the issues, implementation of tasks on the e-MoodlePP platform
- final grade: written test of the subject or summary grade based on partial grades

Programme content

- 1 Subject of economics. Basic business entities.
2. The essence of the market mechanism.
- 3-4. The mechanism of consumer and producer (entrepreneur) behavior.
5. Money, banks and non-banking financial institutions.
6. Social accounting: national income, national (national) product.
7. Economic growth.
8. Unemployment and inflation.
9. Tax system.
10. Small and medium enterprises and their role in the economy.
11. Legal basics of accounting, accounting records, financial reporting.
- 12-13. Business financing.
14. Management tools and techniques

Teaching methods

LECTURE: conversational lecture, interactive discussion, e-learning

Bibliography

Basic

1. M. Gajowisk /red./, Makroświat. Podręcznik z ćwiczeniami do makroekonomii, WPP, Poznań 2012
2. A. Borowiec, T. Brzęczek, Mikroekonomia, WPP, Poznań 2011
3. Brigham E., Podstawy zarządzania finansami, PWE, Warszawa 2015
4. Matejun M., Zarządzanie małą i średnią firmą w teorii i w ćwiczeniach, DIFIN, Warszawa 2012



Additional

1. A. Dębicka, K. Olejniczak, ENTREPRENEURSHIP AND COMPETITIVENESS OF SUBREGIONS ON THE EXAMPLE OF THE WIELKOPOLSKA REGION IN POLAND, Biblioteka Regionalisty, ISSN:2081-4461, Wrocław, 2019
2. P. Bartkiewicz, M. Szczepański, Podstawy zarządzania finansami przedsiębiorstw, WPP, Poznań 2010
3. Disciplined Entrepreneurship <https://www.d-eship.com/>

Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,0
Classes requiring direct contact with the teacher	45	2,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	30	1,0

¹ delete or add other activities as appropriate