



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economics [S1Eltech1>POE-Ekono]

### Course

Field of study

Electrical Engineering

Year/Semester

2/3

Area of study (specialization)

–

Profile of study

practical

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

elective

### Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

### Number of credit points

2,00

### Coordinators

dr inż. Anna Dębicka

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### Lecturers

### 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:

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#### 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. The subject of economics.
2. The essence of the market mechanism.
- 3 The mechanism of consumer and producer (entrepreneur) behaviour.
- 4 The cost analysis of an enterprise.
- 5 Money, banks and non-bank financial institutions.
6. social accounting.
- 7 Economic growth.
- 8 Unemployment and inflation.
9. Tax system.
- 10-11. Small and medium-sized enterprises.
- 12-13 Economic analysis.
- 14-15 Financing business.

### Course topics

- 1 The subject of economics. Basic economic agents.
- 2 The essence of the market mechanism.
- 3 The mechanism of consumer and producer (entrepreneur) behaviour.
- 4 Cost analysis of the enterprise in the short and long term.
- 5 Money, banks and non-bank financial institutions.
6. social accounting: national income, national (domestic) product.
- 7 Economic growth.
8. Unemployment and inflation.
9. Tax system.
- 10-11. Small and medium-sized enterprises (criteria, characteristics, barriers) and their role in the economy.
- 12-13. Economic analysis (Analysis of financial statements: balance sheet, profit and loss account, evaluation of the structure and cost of capital).
- 14-15. Business financing (traditional and alternative sources of capital).

### Teaching methods

LECTURE: conversational lecture, interactive discussion, e-learning

## Bibliography

### Basic

1. M. Gajowski /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	58	2,00
Classes requiring direct contact with the teacher	33	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	25	1,00