



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Principles of market economy and organization [S1MiTPM1>ZGRiO]

### Course

Field of study

Materials and technologies for automotive industry

Year/Semester

1/2

Area of study (specialization)

–

Profile of study

general academic

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

3,00

### Coordinators

dr Maciej Szczepankiewicz

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### Lecturers

### Prerequisites

1. Has basic knowledge of economics. Uses economic concepts correctly 2. Knows the basic market structures and the principles of operation of enterprises within them. 3. Has the ability to analyze and draw economic conclusions.

### Course objective

1. Understanding the mechanisms of the market economy: Introducing students to the basics principles of functioning of a market economy, including demand and supply mechanisms and the role of competition. 2. Development of organizational skills: Learning the basic principles of organization and management enterprises, with particular emphasis on the specificity of the automotive industry. 3. Economic Policy Impact Analysis: Understanding the impact of fiscal and monetary policy on the functioning of businesses and the economy as a whole.

### Course-related learning outcomes

Knowledge:

1. The student knows the general principles of creating and developing forms of individual entrepreneurship. May use knowledge of economics and organization for this purpose.

2. The student knows the general principles of creating and developing forms of individual entrepreneurship. May use knowledge of economics and organization for this purpose.

#### Skills:

1. The student is able to make a preliminary economic analysis of the undertaken engineering activities and assess the economic conditions for the use of various materials, technologies and research methods in the automotive industry.

#### Social competences:

1. Is able to cooperate, think and act in a way based on economic rationality.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The knowledge acquired during the lecture is verified by conducting a test. The test covers topics presented during the lecture. Required supplementation of knowledge based on literature studies. The final grade may be increased for additional student work, e.g. preparing an essay.

### Programme content

The program of the subject "Principles of market economy and organization" covers the basic principles of the functioning of the market economy and the organization of enterprises, including resource management, strategic planning and economic analysis. The course aims to prepare students for effective management of enterprises in a dynamic market environment.

### Course topics

1. Basics of Market Economy: Definitions, characteristics, and principles of market economy.
2. Demand and Supply Mechanisms: Factors influencing demand and supply, elasticity, market equilibrium.
3. Role of Competition in Market Economy: Importance of competition, types of competition, competitive strategies.
4. Basics of Enterprise Organization: Organizational structures, human resource management, decision-making processes.
5. Fiscal and Monetary Policy: Tools of fiscal and monetary policy, their impact on the economy and enterprises.
6. Financial Analysis of Enterprises: Financial ratios, profitability analysis, liquidity, debt, and efficiency.
7. Global Economic Trends: Impact of globalization, technological changes, trade policy, and their influence on the automotive industry

### Teaching methods

Lecture teaching methods: informative lecture; independent work with books

### Bibliography

#### Basic:

1. Makroświat. Podręcznik z zadaniami do makroekonomii. M. Gajowiak (red.). Wyd. PP, Poznań 2013.
2. Wybrane problemy ekonomii. T. Protas (red.). Wyd. PP, Poznań 2005.
3. Mankiw N.G., Taylor M., Makroekonomia, PWE, Warszawa 2009.
4. Domańska A., Macroeconomics, Warsaw School of Economics, Warsaw 2015.
5. Mishkin F.S., Macroeconomics: policy and practice, Pearson Education 2012.
6. Szczepankiewicz, M. (2019). Insurance risk of coal-fired power plants
7. Overview of the market, tools and development perspectives. San Francisco, United States: Blurb Inc.

#### Additional:

1. Nowak A.Z., Zalega T., Makroekonomia, PTE, Warszawa 2015.
2. Makro- i mikroekonomia. Podstawowe problemy współczesności. S. Marciniak (red.). PWN, Warszawa 2013.
3. Krugman P., Wells R., Makroekonomia. PWN, Warszawa 2012.

4. Samuelson P.A., Nordhaus W. D., Ekonomia, Wyd. REBIS, Poznań 2012.  
5. Balicki W., Makroekonomia, WSB, Poznań 2011 5. raporty NBP, GUS, PARP, WEF, IMD, UE ze stron internetowych tych instytucji

#### Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	32	1,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	43	1,50