



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economics with elements of accounting [S1MiTPM1>EzER]

### Course

Field of study	Year/Semester
Materials and technologies for automotive industry	1/2
Area of study (specialization)	Profile of study
–	general academic
Level of study	Course offered in
first-cycle	Polish
Form of study	Requirements
full-time	elective

### Number of hours

Lecture	Laboratory classes	Other
30	0	0
Tutorials	Projects/seminars	
0	0	

### Number of credit points

3,00

### Coordinators

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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 basics of economics: To familiarize students with basic economic concepts and theories, both at the level of microeconomics and macroeconomics. 2. Practical application of accounting: Learning the basic principles of financial and managerial accounting and their application in the analysis and management of enterprises in the automotive industry. 3. Economic analysis in the automotive industry: Understanding the economic and financial specificity of enterprises operating in the automotive sector and the ability to conduct economic and financial analyzes in this context.

### Course-related learning outcomes

Knowledge:

1. The student has basic knowledge of economics and accounting, including the knowledge necessary to understand the social, economic, legal, ethical and other non-technical conditions of engineering

activities.

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

Skills:

1. The student is able to make a preliminary economic analysis of undertaken engineering activities and assess the economic conditions of using 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 covers basic economic concepts, principles of financial and managerial accounting, demand and supply analysis in the automotive industry, financial analysis of automotive enterprises, fiscal and monetary policy, and global economic trends affecting the automotive sector.

### Course topics

1. Introduction to economics
2. Basics of financial accounting
3. Management accounting
4. Demand and supply in the automotive industry
5. Financial analysis of automotive companies
6. Fiscal and monetary policy
7. Global economic trends

### 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.
3. Samuelson P.A., Nordhaus W. D., Ekonomia, Wyd. REBIS, Poznań 2012.
4. 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