



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Principles of market economy and organization [S1Mech1>ZGRiO]

### Course

Field of study  
Mechatronics

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 (e.g. online)  
0

Tutorials  
0

Projects/seminars  
0

### Number of credit points

2,00

### Coordinators

### Lecturers

### Prerequisites

The student has the basic general knowledge necessary to understand the basic principles of economic thinking. The student has the ability to perceive and interpret phenomena occurring in the economy and is aware of the need to learn the basic principles of market economy functioning.

### Course objective

Presentation of basic knowledge in the field of economics and organization and management enabling understanding of market economy principles to the extent necessary for a graduate of technical and engineering studies.

### Course-related learning outcomes

Knowledge:

1. [K\_W16 K\_W19] The student has the basic economic knowledge necessary to understand the social, economic and especially financial conditions of engineering activities
2. [K\_W16 K\_W19] The student knows the basic concepts of macro and microeconomics, entrepreneurship and organization and management

Skills:

1. [K\_U01] The student is able to obtain information from literature, databases and other sources

(statistical data), integrate it, make their interpretation, draw conclusions and formulate opinions  
2. [K\_U21 K\_U22] The student is able to use general knowledge to describe and analyze specific socio-economic processes

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\_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 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 product. Economic growth.
7. Unemployment and inflation in a market economy.
8. The role of the state in a market economy. Budget and taxes.
9. Foreign trade, economic integration and globalization.
10. Innovations in the market economy.
11. Theories of organization and management.
12. Small and medium enterprises and their importance for market economy
- 13-14. Business financing
15. Management tools and techniques

### Course topics

none

### 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. Matejun M., Zarządzanie małą i średnią firmą w teorii i w ćwiczeniach, DIFIN, Warszawa 2012

Additional

1. Olejniczak K., Łuczka T., Czynniki konkurencyjności subregionu, Wydawnictwo Politechniki Poznańskiej, 2019
2. Dębicka A., Łuczka T., Zarządzanie sytuacją kryzysową w małych i średnich przedsiębiorstwach. Diagnoza i procedury, Wydawnictwo Politechniki Poznańskiej, 2019
3. Disciplined Entrepreneurship <https://www.d-eship.com/>

### Breakdown of average student's workload

|  | Hours | ECTS |
|--|-------|------|
| Total workload   | 50    | 2,00 |
| Classes requiring direct contact with the teacher  | 30    | 1,00 |
| Student's own work (literature studies, preparation for laboratory classes/<br>tutorials, preparation for tests/exam, project preparation) | 20    | 1,00 |