



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Microeconomics [N1IZarz1>MIK]

### Course

Field of study

Engineering Management

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

part-time

Requirements

compulsory

### Number of hours

Lecture

20

Laboratory classes

0

Other

0

Tutorials

16

Projects/seminars

0

### Number of credit points

5,00

### Coordinators

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dr hab. inż. Arkadiusz Borowiec

### Lecturers

### Prerequisites

none

### Course objective

To familiarize students with the basic concepts of the theory of microeconomics. Transfer of knowledge about the principles of market operation. To familiarize students with the basic tools of microeconomic analysis. Acquiring the skills of independent decision-making by the students from the consumer and producer point of view.

### Course-related learning outcomes

Knowledge:

The student explains the division of economics and the main economic theories [P6S\_WG\_01].

The student names basic economic concepts and describes the main principles of economic management [P6S\_WG\_01].

The student characterizes full and bounded rationality, as well as the 'homo oeconomicus' and 'homo

sociologicus' models [P6S\_WG\_01].

The student recognizes the role of the market in the contemporary world [P6S\_WG\_01].

The student identifies the concepts of demand and supply [P6S\_WG\_01].

The student classifies market equilibrium and disequilibrium [P6S\_WG\_01].

The student describes the role of the public sector in the economy [P6S\_WG\_01].

The student characterizes the elasticity of demand and supply [P6S\_WG\_01].

The student describes concepts of costs in the short and long term [P6S\_WG\_01].

The student explains market behaviors of a firm [P6S\_WG\_01].

The student explains the theory of consumer choice [P6S\_WG\_01].

The student recognizes the features of perfect competition [P6S\_WG\_01].

The student characterizes a monopoly in the market [P6S\_WG\_01].

The student describes the functions of a firm [P6S\_WG\_01].

The student indicates the equilibrium of organizations in the competitive market and labor market [P6S\_WG\_01].

The student explains the impact of economic factors on the security of institutions and management processes [P6S\_WG\_01].

The student recognizes the role of organizations in building social welfare [P6S\_WG\_01].

The student identifies economic aspects of non-profit organizations [P6S\_WG\_01].

The student characterizes the general principles of creating and developing forms of individual entrepreneurship [P6S\_WK\_04].

#### Skills:

The student predicts social processes and phenomena using standard methods and tools in management [P6S\_UW\_02].

The student analyzes social phenomena [P6S\_UW\_05].

The student interprets social phenomena in the field of management [P6S\_UW\_06].

#### Social competences:

The student substantively contributes to the preparation of social projects, taking into account legal, economic, and organizational aspects [P6S\_KO\_01].

The student is aware of product creation, considering a systemic approach as well as technical, economic, marketing, legal, organizational, and financial issues [P6S\_KO\_02].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

#### Initial assessment:

a) tutorials - the assessment based on: current progress in the implementation of tasks assessed by written assignments - tests, active participation in classes, tasks performed alone or in groups, and attendance (one absence is allowed);

b) lectures - the assessment based on answers to questions about the material learned in lectures,

#### Final grade:

a) tutorials - the assessment based on a positive evaluation of the final test

b) lectures - the assessment based on oral exam or in the form of a test.

### Programme content

The program covers basic concepts of microeconomic theory, principles of market operation, and basic tools of microeconomic analysis.

### Course topics

#### Lecture:

1. Economics and its division. The opportunity cost. Main theories of economics.

2. Basic economic concepts. Main principles of management.

3. Full and limited rationality. Homo oeconomicus and homo sociologicus model.

4. The market in the modern world.

5. Demand and supply.

6. Market equilibrium and imbalance.

7. Public sector in the economy.

8. Elasticity of demand and supply.
9. Costs in the short and long term.
10. Market behavior of the enterprise I.
11. Market behavior of the enterprise II.
12. The theory of consumer choice.
13. Perfect competition.
14. Monopoly on the market.
15. Enterprise and its functions.
16. The balance of organization in the competitive market and the labor market.
17. Impact of economic factors on institution security and management processes.
18. Organizations in building social well-being.
19. Economical aspects of non-profit organization functioning.

#### Exercises:

1. Economics and its division. The opportunity cost. Main theories of economics.
2. Basic economic concepts. Main principles of management.
3. Full and limited rationality. Homo oeconomicus and homo sociologicus model.
4. The market in the modern world.
5. Demand and supply.
6. Market equilibrium and imbalance.
7. Public sector in the economy.
8. Elasticity of demand and supply.
9. Costs in the short and long term.
10. Market behavior of the enterprise I.
11. Market behavior of the enterprise II.
12. The theory of consumer choice.
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14. Monopoly on the market.
15. Enterprise and its functions.
16. The balance of organization in the competitive market and the labor market.
17. Impact of economic factors on institution security and management processes.
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19. Economical aspects of non-profit organization functioning.

### Teaching methods

Informative lecture with elements of problem lecture. Use of mindmapping method. Case study method and brainstorming.

Exercise method (application of acquired knowledge in practice - calculation of tasks). Seminar discussion.

### Bibliography

#### Basic:

1. Czarny E.(2006), Mikroekonomia, PWE, W-wa.
2. Marciniak S.(2013), Makro- i mikroekonomia, Podstawowe problemy współczesności, Wydawnictwo Naukowe PWN, Warszawa.
3. Czarny B.(2018), Podstawy ekonomii. Wprowadzenie do ekonomii. Mikroekonomia, Oficyna wydawnicza SGH, Warszawa , wyd. 4.
4. Barczyk R., Ćwiczenia z mikroekonomii, Wyd. AE, Poznań 2009.
5. Borowiec A., Brzęczek T., Mikroekonomia, Wyd. PP, Poznań 2011.
6. Czarny B., Podstawy ekonomii, PWE, Warszawa 2010.
7. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005.
8. Barczyk R., Ćwiczenia z mikroekonomii, Wyd. AE, Poznań 2009.

#### Additional:

1. Mankiw G., Taylor M. (2022), Mikroekonomia, PWE, Warszawa.
2. Mikroekonomia Podstawy, polska adaptacja podręcznika Principles of Microeconomics 2e. OpenStax Poland  
<https://openstax.org/details/books/mikroekonomia-podstawy>
3. Begg D., Fischer S., Dornbusch, Mikroekonomia, PWE, 2007.

4. Mankiw N. G. Principles of Economics (6th ed.), Cengage Learning, 2011.
5. Dach Z., Mikroekonomia dla studiów licencjackich, Wyd. Naukowe Synaba, Kraków 2007.
6. Klimczak B., Mikroekonomia, Wyd. Akademii Ekonomicznej we Wrocławiu, Wrocław 2006.
7. Sloman J., Economics, FT Prentice Hall, London, 2003.
8. Samuelson W. F., Marks S. G., Ekonomia menedżerska, PWE, Warszawa, 1998.
9. Varian H.R., Mikroekonomia, PWN, Warszawa 1995.
10. Zalega T., Mikroekonomia, Wyd. Uniwersytetu Warszawskiego, Warszawa 2008.
11. Szczepański M., 15. Khmelyarchuk M. (2020). Determinants of competitiveness in the banking sector of Poland and Ukraine. Financial and credit activity: problems of theory and practice, №3, P.19-31.
12. Khmelyarchuk M., Demko, N. Kozmuk, O. Balueva (2019). The role of entrepreneurship in strategic management of the tourism industry. Journal of Entrepreneurship Education, Vol. 22, Issue 2, P.1-16.

#### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,00
Classes requiring direct contact with the teacher	50	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	75	3,00