



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Microeconomics

		Course
Field of study		Year/Semester
Engineering Management		1/1
Area of study (specialization)		Profile of study
		general academic
Level of study		Course offered in
First-cycle studies		Polish
Form of study		Requirements
part-time		compulsory
		Number of hours
Lecture	Laboratory classes	Other (e.g. online)
20		
Tutorials	Projects/seminars	
16		
<b>Number of credit points</b>		
5		

		Lecturers
Responsible for the course/lecturer:		Responsible for the course/lecturer:
Ph.D., D.Sc., Marek Szczepański, University Professor		Ph.D., D.Sc., Eng. Arkadiusz Borowiec, University Professor
Mail to: <a href="mailto:marek.szczepanski@put.poznan.pl">marek.szczepanski@put.poznan.pl</a>		Mail to: <a href="mailto:arkadiusz.borowiec@put.poznan.pl">arkadiusz.borowiec@put.poznan.pl</a>
Phone: 61 665 3393		Phone: 61 665 33 92
Faculty of Engineering Management		Faculty of Engineering Management
ul. J. Rychlewskiego 2, 61-131 Poznań		ul. J. Rychlewskiego 2, 61-131 Poznań

**Prerequisites**

Knowledge: the student has basic knowledge of mathematics, has basic knowledge of the economy.

Skills: the student understands and analyzes the basic socio-economic phenomena, correctly uses the basic terms acquired during entrepreneurship learning.

Social competences: the student actively and willingly undertakes entrepreneurial activities and works in a group.

### 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

1. Student has knowledge about the impact of economic factors on the security of institutions and management processes. [P6S\_WG\_01]
2. Student knows the relationship between microeconomic phenomena. [P6S\_WG\_01]
3. Student has knowledge about the effects of mergers on the market economy. [P6S\_WK\_04]
4. Student knows models of market structures. [P6S\_WG\_01]
5. Student knows the concept of an enterprise and its functions in a market economy. [P6S\_WG\_01]
6. Student knows the concepts and market phenomena. [P6S\_WG\_01]
7. Student knows the basic costs in the short and long term. [P6S\_WK\_04]
8. Student knows the economic aspects of the functioning of non-profit organizations. [P6S\_WG\_01]

#### Skills

1. Student is able to verify and evaluate market phenomena and processes. [P6S\_UW\_05, P6S\_UW\_06]
2. Student is able to use economic factors to improve management processes. [P6S\_UW\_06]
3. Student is able to estimate various types of costs incurred by the producer. [P6S\_UW\_06]
4. Student is able to solve tasks in the field of elasticity of demand, supply, consumption, production and production costs. [P6S\_UW\_05]
5. Student is able to assess the impact of economic factors on the security of an institution. [P6S\_UW\_06]
6. Student can set up his own business. [P6S\_UW\_02]
7. Student is able to interpret and evaluate basic models of market structures. [P6S\_UW\_06]

#### Social competences

1. Student is aware of the complexity of the conditions for the functioning of a modern manufacturer. [P6S\_KO\_02]
2. Student is able to cooperate and make substantive contribution in the implementation of joint tasks. [P6S\_KO\_01]

### 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

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.



## 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. Barczyk R., Ćwiczenia z mikroekonomii, Wyd. AE, Poznań 2009.
2. Borowiec A., Brzęczek T., Mikroekonomia, Wyd. PP, Poznań 2011.
3. Czarny B., Podstawy ekonomii, PWE, Warszawa 2010.
4. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005.
5. Barczyk R., Ćwiczenia z mikroekonomii, Wyd. AE, Poznań 2009.
6. Borowiec A., Brzęczek T., Mikroekonomia, Wyd. PP, Poznań 2011.
7. Czarny B., Podstawy ekonomii, PWE, Warszawa 2010.
8. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005.

### Additional

1. Begg D., Fischer S., Dornbusch, Mikroekonomia, PWE, 2007.
2. Dach Z., Mikroekonomia dla studiów licencjackich, Wyd. Naukowe Synaba, Kraków 2007.
3. Klimczak B., Mikroekonomia, Wyd. Akademii Ekonomicznej we Wrocławiu, Wrocław 2006.
4. Sloman J., Economics, FT Prentice Hall, London, 2003.
5. Samuelson W. F., Marks S. G., Ekonomia menedżerska, PWE, Warszawa, 1998.
6. Varian H.R., Mikroekonomia, PWN, Warszawa 1995.
7. Zalega T., Mikroekonomia, Wyd. Uniwersytetu Warszawskiego, Warszawa 2008.
8. Begg D., Fischer S., Dornbusch, Mikroekonomia, PWE, 2007.
9. Dach Z., Mikroekonomia dla studiów licencjackich, Wyd. Naukowe Synaba, Kraków 2007.
10. Klimczak B., Mikroekonomia, Wyd. Akademii Ekonomicznej we Wrocławiu, Wrocław 2006.
11. Sloman J., Economics, FT Prentice Hall, London, 2003.
12. Samuelson W. F., Marks S. G., Ekonomia menedżerska, PWE, Warszawa, 1998.



13. Varian H.R., Mikroekonomia, PWN, Warszawa 1995.

14. Zalega T., Mikroekonomia, Wyd. Uniwersytetu Warszawskiego, Warszawa 2008.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	50	2,0
Student's own work (literature studies, preparation for tutorials, preparation for tests/exam, e-learning tasks) <sup>1</sup>	75	3,0

<sup>1</sup> delete or add other activities as appropriate