



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Microeconomics

### Course

Field of study

Management and Production Engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

part-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

### Number of hours

Lecture

25

Laboratory classes

Other (e.g. online)

Tutorials

20

Projects/seminars

### Number of credit points

6

### Lecturers

Responsible for the course/lecturer:

Phd. Małgorzata Gajowiak

Responsible for the course/lecturer:

email: malgorzata.gajowiak@put.poznan.pl

ph. 61 6653390

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań, room 333

### Prerequisites

1. Student has basic knowledge in mathematics.
2. Student has a basic knowledge of the economy.

### Course objective

1. To provide students with the basic concepts of economic theory on a micro scale.
2. To provide the principle of the market mechanism.
3. To get to know students with the basic tools of economic analysis.



4. Acquisition by students the ability to make independent decisions from the perspective of the consumer and the manufacturer.

### Course-related learning outcomes

#### Knowledge

1. Student has knowledge of the impact of economic factors on the security of institutions and management processes.
2. Student knows the relationship between microeconomic phenomena.
3. Student has knowledge of flexibility.
4. Student knows the basic models of market structures.
5. Student knows the concept of an enterprise and its functions in a market economy.
6. Student knows market concepts and phenomena.
7. Student knows the theory of consumer choice.
8. Student knows the basic costs in the short and long term.
9. Student knows the theory of producer selection.

#### Skills

1. Student is able to verify and evaluate market phenomena and processes.
2. Student is able to use economic factors to improve management processes.
3. Student can estimate various types of costs incurred by the producer.
4. Student is able to solve tasks in the field of elasticity of demand, supply, consumption, production and production costs.
5. Student is able to interpret and evaluate basic models of market structures

#### Social competences

1. Student actively participates in the discussion on a given topic.
2. Student extends the acquired knowledge and improves acquired skills.
3. Student shares knowledge and is involved in teamwork to solve the problem, respecting the views of other team members.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Knowledge acquired during the lecture is verified by carrying the exam in the form of the test based on the issues presented during the lecture. Required complementation of knowledge based on own study



and literature studies. Exam consists of at least 15 test questions (one or more true answers). At least 55% of correct answers are required.

Skills acquired during the tutorials are verified by carrying one or two tests (partial and final). Tests cover theoretical and practical issues from the program content. At least 55% of correct answers are required from each of test. The final note is the average of those two notes.

### Programme content

1. Economics and its division. Main theories of economics.
2. Basic economic concept. Main principles of farming.
3. Full and limited rationality. Homo oeconomicus and homo sociologicus model.
4. The market in the modern world.
5. Demand and supply.
6. Market balance.
7. Public sector in the economy.
8. Flexibility of demand and supply.
9. Costs in the short and long term.
10. Market behavior of the enterprise.
11. The theory of consumer choice.
12. Perfect competition.
13. Monopoly on the market.
15. Enterprise and its functions.

### Teaching methods

Lecture: informative lecture based on a multimedia presentation, performing accounting tasks using the board, independent work with the book.

Exercises: consolidation of basic concepts related to the lecture, calculating tasks, seminar, independent work with a book.

### Bibliography

Basic

1. Rekowski M., Mikroekonomia, Wyd. Akademia, Poznań 2005



2. Borowiec A., Brzęczek T., Mikroekonomia, Wyd. PP, Poznań 2011

3. Czarny B., Podstawy ekonomii, PWE, Warszawa 2010

#### 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

#### Breakdown of average student's workload

	Hours	ECTS
Total workload	150	6,0
Classes requiring direct contact with the teacher	65	2,5
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	85	2,5

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