



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Elective economic course: Foundations of economics and enterprises economy

### Course

Field of study

Year/Semester

Electrical engineering

1/2

Area of study (specialization)

Profile of study

general academic

Level of study

Course offered in

Second-cycle studies

Polish

Form of study

Requirements

part-time

elective

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

20

0

0

Tutorials

Projects/seminars

0

0

### Number of credit points

2

### Lecturers

Responsible for the course/lecturer:

dr hab. Marek Szczepański,  
Wydział Inżynierii Zarządzania, Instytut Logistyki,  
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Responsible for the course/lecturer:

dr Tomasz Brzęczek Wydział Inżynierii  
Zarządzania, Rychlewskiego 2, pokój 331, tel. 61  
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### Prerequisites

None

### Course objective

Explanation of theoretical foundations of economics and general knowledge about principles of economic systems and agents, especially enterprises.

### Course-related learning outcomes

Knowledge

1. knows basic economic and financial terms
2. knows rules of market exchange and basics of financial and managerial accounting
3. knows producer and consumer theories
4. knows basic macroeconomic phenomena: economic growth indicators and calculus, functions and theories of money



5. knows organisational problems in an enterprise and basics of effectiveness and proficiency assessment

Skills

1. formulates economic issues, determining them with scientific terms. Identifies and understands economic issues of entrepreneur and market
2. differs between industry structures and their influence at market and competition
3. analyzes production costs and assess effectiveness of economic decisions of a producer
4. analyzes costs and benefits of consumption, in order to assess consumer choices
5. identifies organizational-legal scheme, business range, market position and financial outcomes of an enterprise or a holding

Social competences

1. understands and involves in economic discussion, assesses economic solutions and their influence at people and society.
2. is prepared to make personal economic decisions and economic decisions affecting professional activity.

**Methods for verifying learning outcomes and assessment criteria**

Learning outcomes presented above are verified as follows:

1. written test at last lecture.
2. case study analysis possibilities for students interested in
3. Choice test, for example Kahoot test, of course understanding to repeat and assess basics before final test

**Programme content**

1. economic terms
2. free market, demand, supply, demand and supply factors, price and quantity of equilibrium. Price elasticity of demand. Market competition theories
3. a rational consumer, budget, optimal consumption, social transfers
4. term of labour efficiency, technical and economic efficiency of production
5. calculus of fixed and variable total and average costs
6. capital cost and interest rate: simple or capitalised
7. national income calculus and international trade
8. functions and forms of money
9. aspects of strategic management and financial reporting of an enterprise



## Teaching methods

1. lecture
2. case study

## Bibliography

### Basic

1. Brzęczek T., Borowiec A., Mikroekonomia, Wyd.PP, 2011.
2. Milewski R., Kwiatkowski E. (red.), Podstawy ekonomii, WN PWN, 2015.
3. Skawińska E. (red.) Wybrane problemy ekonomii. Ćwiczenia i zadania, Wydawnictwo PP, Poznań 2006.
4. Begg D., Fischer S., Dornbusch R., Makroekonomia, PWE, (rozdziały 20-24, 26-29, 34) CzO 156876/2.

### Additional

5. Galbraith W., Pieniądz. Losy i pochodzenie, WN PWN, 2008.
6. Mankiw N.G., Taylor M.P., Mikroekonomia, PWE, 2009, czytelnia główna PP (A163609)
7. Protas T. (red.), Podstawy ekonomii, Wydawnictwo PP, Poznań 2002.

## Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	25	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	25	1,0

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