



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Economics [S1ZiIP2>Eko]

Course

Field of study

Management and Production Engineering

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

full-time

Requirements

compulsory

Number of hours

Lecture

30

Laboratory classes

0

Other

0

Tutorials

30

Projects/seminars

0

Number of credit points

5,00

Coordinators

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Lecturers

Prerequisites

1. Student has basic knowledge in mathematics. 2. Student has a basic knowledge of the economy. 3. Student actively and willingly undertakes entrepreneurial activities and works in a group.

Course objective

1. To provide students with the basic concepts of microeconomic theory. 2. Transfer of knowledge about the principles of market operation. 3. To familiarize students with the basic tools of microeconomic the basic tools of microeconomic analysis. 4. Acquisition by students the ability to make independent decisions from the perspective of the consumer and the producer. 5. To provide knowledge on basic relationships in a market economy. 6. To transfer the knowledge of the allocation of resources and goods in the process of globalization. 7. To educate skills to correctly interpret and conduct of macroeconomic analysis using standard tools of economic analysis.

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 about elasticity of demand and supply.
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 in the long run.
9. Student knows the theory of producer selection.
10. Student knows basic paradigms of modern economics.
11. Student knows the basic measures of efficiency of the national economy.
12. Student knows the process of inflation and unemployment.

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.
6. Student is able to identify the types of economic systems.
7. Student is able to do basic exercises connected with GDP, inflation, unemployment.
8. Student is able to analyze factors responsible for economic welfare, world trade, competitiveness and innovativeness.
9. Student is able to interpret the basic macroeconomics measures and use them to make a decision in business sphere.

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:

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).

Assignment of grades to percentage ranges of results: <90-100> very good; <80-90) good plus; <70-80) good; <60-70) satisfactory plus; <50-60) satisfactory; <0-50) insufficient.

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. Assignment of grades to percentage ranges of results: <90-100> very good; <80-90) good plus; <70-80) good; <60-70) satisfactory plus; <50-60) satisfactory; <0-50) insufficient. The final note is the average of those two notes.

Programme content

1. Economics - origin and division.
2. The market and its role.
3. Behavior of entities on the market.
4. Management processes.
5. Market - advantages and disadvantages. Contemporary threats and challenges of the global economy.
6. Basic phenomena in the market economy.
7. Socio-economic development.

Course topics

Lecture:

1. Economics and its division. Main theories of economics.

2. Basic economic concept. Main principles of management.
3. Full and limited rationality. The homo oeconomicus and homo sociologicus model.
4. The market in the modern world.
5. Demand and supply.
6. Market equilibrium.
7. The public sector in the economy.
8. Elasticity of demand and supply.
9. Costs in the short and long term.
10. Market behavior of the company.
11. Theory of consumer choice.
12. Perfect competition.
13. Monopoly on the market.
14. The enterprise and its functions.
15. Contemporary schools of economic thought in macroeconomics.
16. The market economy system and its types.
17. Basic measures of market economy efficiency.
18. Inflation - causes and consequences.
19. Unemployment. Informal sector.
20. State policy on the labor market.
21. Fiscal policy. State budget.
22. The role of money and monetary policy.
23. Economic transition. State Farms.
24. The transformation of the Polish economy.
25. International economic integration. Globalization.
26. Competitiveness and innovativeness of Poland in the light of international rankings.
27. Problems of the contemporary market economy - challenges.

Exercises:

1. Economics - the social science of management.
2. Basic concepts and principles of management.
3. Market and its functions.
4. The demand and supply right. Market balance mechanism.
5. Elasticity of demand and supply.
6. Costs in the short and long term.
7. Market behavior of the company.
8. Strengthening basic concepts related to the topic of lectures. Solving numerical tasks related to, among others with GDP, inflation and unemployment. Analysis of current statistical data.

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, problem solving, tasks, didactic exercises, seminar, case study, 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
4. Makroświat. Podręcznik z zadaniami do makroekonomii. M. Gajowiak (red.). Wyd. PP, Poznań 2013.
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6. Wybrane problemy ekonomii. T. Protas (red.). Wyd. PP, Poznań 2005.
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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

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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. Nowak A.Z., Zalega T., Makroekonomia, PTE, Warszawa 2015.
9. Makro- i mikroekonomia. Podstawowe problemy współczesności. S. Marciniak (red.). PWN, Warszawa 2013.
10. Krugman P., Wells R., Makroekonomia. PWN, Warszawa 2012.
11. Samuelson P.A., Nordhaus W. D., Ekonomia, Wyd. REBIS, Poznań 2012.
12. Balicki W., Makroekonomia, WSB, Poznań 2011
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Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 125 | 5,00 |
| Classes requiring direct contact with the teacher | 62 | 2,50 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 63 | 2,50 |