



Syllabus Course Program



Microeconomics

Specialty

073 – Management

Educational program

Business-administration

Level of education

Bachelor's level

Semester

2

Institute

Institute of Education and Science in Economics,
Management and International Business

Department

Department of General Economic Theory (208)

Course type

General, Mandatory

Language of instruction

English

Lecturers and course developers

**Nataliia Volosnikova**

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PhD in Economic Sciences, Associate Professor, Associate Professor of
Department of General Economic Theory

Authored and co-authored over 75 scientific publications. Courses:
"Microeconomics", "Macroeconomics", "Economic Theory"

More about the lecturer on the department's website

<http://web.kpi.kharkov.ua/oet/pr-vukl-sklad-uk/>

General information

Summary

The discipline is aimed at gaining knowledge of the regularities of the functioning of economic microsystems in various market situations and the ability to use them effectively. The basic principles of classical microeconomics at the intermediate level are taught. The ability to substantiate economic decisions using modern tools is developed.

Course objectives and goals

The ability to investigate trends in the development of the economy using the tools of microeconomic analysis, to make generalizations regarding the assessment of the manifestation of individual phenomena that are characteristic of modern processes in the economy.

Format of classes

Lectures, practical classes, course work, consultations. Final control in the form of an exam.

Competencies

GC03. The ability for abstract thinking, analysis, synthesis.

GC05. Knowledge and understanding of the subject area and understanding of the professional activity.

GC09. The ability to learn and to master modern knowledge.

Learning outcomes

LO 12. Assess the legal, social and economic consequences of the organization's functioning. LO 14. To identify the causes of stress, to adapt oneself and the team members to a stressful situation, to find means to its neutralization.

LO 16. To demonstrate skills of independent work, flexible thinking, openness to new knowledge, to be critical and self-critical.

Student workload

The total volume of the course is 120 hours (4 ECTS credits): lectures - 32 hours, Workshops - 16 hours, self-study - 72 hours.

Course prerequisites

To successfully complete the course, it is necessary to have knowledge and practical skills from the following course: "Economic theory".

Features of the course, teaching and learning methods, and technologies

Interactive lectures with presentations, discussions, workshops, case-based learning, individual and teamwork, research work. Study materials are available to students through OneDrive, Google-classroom, SharePoint.

Program of the course

Topics of the lectures

- Topic 1. Subject and method of microeconomics
- Topic 2. Demand, supply and their interaction
- Topic 3. Elasticity of demand and supply
- Topic 4. Atypical cases of market equilibrium. Spider-like model
- Topic 5. State regulation of the market. The impact of taxes and subsidies on market equilibrium
- Topic 6. Theory of marginal utility and consumer behavior
- Topic 7. Ordinalist theory of consumer behavior. Modeling of consumer behavior
- Topic 8. Variations of production factors and the optimum of the commodity producer
- Topic 9. Production costs
- Topic 10. The market of perfect competition
- Topic 11. Monopoly market
- Topic 12. Oligopoly
- Topic 13. Monopolistic competition
- Topic 14. General characteristics of factor markets"

Topics of the workshops

- Topic 1. Subject and method of microeconomics
- Topic 2. Demand, supply and their interaction
- Topic 3. Elasticity of demand and supply
- Topic 4. Atypical cases of market equilibrium. Spider-like model
- Topic 5. State regulation of the market. The impact of taxes and subsidies on market equilibrium
- Topic 6. Theory of marginal utility and consumer behavior
- Topic 7. Ordinalist theory of consumer behavior. Modeling of consumer behavior
- Topic 8. Variations of production factors and the optimum of the commodity producer
- Topic 9. Production costs
- Topic 10. The market of perfect competition
- Topic 11. Monopoly market
- Topic 12. Oligopoly
- Topic 13. Monopolistic competition
- Topic 14. General characteristics of factor markets"

Topics of the laboratory classes

no laboratory classes.

Self-study

Writing a course project, solving problems, test problems, independent processing of material by topic.
Final online test.

Course materials and recommended reading

1. Colander D. C. (2016) Microeconomics – Boston : IRWIN
2. Hyman D. N. (2021) Microeconomics – Chicago, v.p. : IRWIN
3. Varian Hall (1992) Microeconomic Analysis – W. W. Norton & Company, Inc., New York.
4. Mas-Colell Andreu, Whinston, Michael and Jerry Green (1995) Microeconomic Theory – Oxford University Press: Oxford, New York.
5. Gibbons, Robert (1992): Game theory for Applied Economists – Princeton: University Press.
6. Timothy Taylor (2017). Principles of Microeconomics: Economics and the Economy), Textbook Media.
7. Bowles Samuel (2006) Microeconomics : behavior, institutions, and evolution. – Oxford: Princeton university press
8. Salvatore Dominick (2020) Microeconomics. – New York: Harper Collins college publ.
9. Frank Robert H. (2019) Microeconomics and behavior – New York etc.: McGraw-Hill
10. Brue Stanley L. (2016) Microeconomics Principles, problems, a. policies. – New York etc.: McGraw-Hill publ. co.

Assessment and grading

Criteria for assessment of student performance, and the final score structure

100% Final assessment as a result of Exam (30%) and Continuous assessment (70%).
30% Exam: written individual assignment (report) and its oral presentation
70% Continuous assessment:
• 50% practical assessment (including problem sheets, reporting on individual work, and case-studies);
• 20% term control (online quiz).

Grading scale

| Total points | National | ECTS |
|--------------|--|------|
| 90–100 | Excellent | A |
| 82–89 | Good | B |
| 75–81 | Good | C |
| 64–74 | Satisfactory | D |
| 60–63 | Satisfactory | E |
| 35–59 | Unsatisfactory (requires additional learning) | FX |
| 1–34 | Unsatisfactory (requires repetition of the course) | F |

Norms of academic integrity and course policy

The student must adhere to the Code of Ethics of Academic Relations and Integrity of NTU "KhPI": to demonstrate discipline, good manners, kindness, honesty, and responsibility. Conflict situations should be openly discussed in academic groups with a lecturer, and if it is impossible to resolve the conflict, they should be brought to the attention of the Institute's management.

Regulatory and legal documents related to the implementation of the principles of academic integrity at NTU "KhPI" are available on the website: <http://blogs.kpi.kharkov.ua/v2/nv/akademichna-dobrochesnist/>

Approval

Approved by

Date, signature

Head of the department



Natalia RESHETNIAK

Date, signature

Guarantor of the educational
program

Olena PROKHORENKO