



# COURSE WORK ON MICROECONOMICS 2

## Work program of the discipline (Syllabus)

### Details of the discipline

Level of higher education	First (bachelor's)
Branch of knowledge	05 Social and behavioral sciences
Specialty	051 Economics
Educational program	business enterprise economics
Discipline status	Normative
Form of study	full-time / full-time / part-time
Year of preparation, semester	Second year, autumn semester
The scope of discipline	1 credits (30 hours)
Semester control / control measures	Test
Lessons schedule	rozklad.kpi.ua
Language of instruction	Ukrainian
Information about course leader / teachers	Lecturer, Practical / Seminar: Art. teacher Boichuk Natalka, 0681283368, natalka149@bigmir.net
Course placement	Moodle, Campus

### Curriculum

#### 1. Description of the discipline, its purpose, subject of study and learning outcomes

The **purpose** of the discipline is the formation of students' **competencies**:

**ABILITY:** to show knowledge and understanding of the problems of the subject area, the basics of the modern economy at the micro, meso, macro and international levels, to master the basic principles of the theory of microeconomics; to an in-depth analysis of problems and phenomena in one or more professional areas, taking into account economic risks and possible socio-economic consequences.

After mastering the discipline, students must demonstrate the following **learning outcomes**:

**KNOWLEDGE:** economic laws and the consequences of their manifestation in the behavior of consumers and producers; terminology and basic tools of microeconomic analysis, principles of rational behavior of microsystems in the markets; universal tools of microeconomic analysis for studying the behavior of economic entities in market conditions and methods of its optimization.

**SKILLS:** to understand the principles of economic science, features of economic systems; to analyze the functioning and development of economic entities, to determine the functional areas, to calculate the relevant indicators that characterize the effectiveness of their activities.

## **2. Prerequisites and postrequisites of the discipline (place in the structural and logical scheme of education according to the relevant educational program)**

*It is based on the knowledge acquired by students while studying the disciplines "Economic Theory", "Macroeconomics" and "Microeconomics" and provides a basis for courses "Business Economics", "International Economics", "Management", "Marketing" and other economic disciplines.*

## **3. The content of the discipline**

*The working curriculum in accordance with the educational-professional program "Business enterprise economics" of the first bachelor's degree of higher education specialty 051 "Economics" provides course work, the implementation of which students consolidate theoretical and practical knowledge of the discipline.*

### **The structure of the course work**

**Introduction** (substantiates the relevance and practicality of the topic; determines the purpose and objectives of the study; indicates the methods and ways to solve problems). Volume 2 pages.

**Section 1. Theoretical part** (provides a direct presentation of the content of the course work, in-depth and comprehensive coverage of its main provisions. It includes: review of literature on the topic; generalization of theoretical and analytical information; development of main directions (suggestions) Literature on the topic of the course work is the theoretical basis of the research problem and is used to argue, generalize and deepen the main provisions of the topic, concretize further proposals. example of the selected object of study, the student explores the features of the practical solution of issues of thematic orientation, substantiates the recommendations and proposals aimed at solving theoretical and practical problems.) Volume 7-8 pages.

**Section 2. Practical part** (in the practical part, using formulas, the student performs the necessary calculations on the basis of which will be built and analyzed in detail graphs. Graphic illustrations clearly show the mechanisms of individual economic entities, the relationship between them, and show the production process and results of economic activity of the enterprise.) Volume 7-8 pages.

**Appendices** (it is necessary to graphically illustrate the indicators of economic activity and costs of the enterprise, profitability or loss of activity, market equilibrium. It is necessary to note the critical points on all charts and analyze them in detail). Volume 4-5 pages.

**Analysis of the results and conclusions** (based on the results obtained in the practical part of the calculations and graphs based on them, contained in the appendices, analyze all lines and critical points, give them an economic assessment that should affect the future activities of the company. volume of production, prices of manufactured products, the amount of profit or loss of the enterprise). Volume 2-3 pages.

#### 4. Training materials and resources

##### Basic:

1. Pindyke Robert S. *Microeconomics: Per. from English* // Robert S. Pindyke, Daniel L. Rubinfeld. - Kyiv: Osnovy, 2002. - 646 p.
2. Grontkovskaya G.E. *Microeconomics. Workshop: textbook. way. for students. higher textbook lock bachelors in the field of "Economics and Entrepreneurship"* / G.E. Grontkovskaya, AF Kosik; 2nd ed., Revised. and additional - K.: ЦУЛ, 2008. - 418 c.
3. Samuelson Paul A. *Microeconomics - Microeconomics: trans. from English* / Paul A. Samuelson, William D. Nordhaus; Science. red lane S. Panchishina. - K.: Основи, 1998. - 544 c.
4. *Microeconomics: Textbook* / Ed. by V.D. Bazilevich. - K.: Knowledge, 2007. - 677 p.
5. *Microeconomics [Electronic resource]: test tasks, exercises and tasks for students of the Faculty of Management and Marketing* / NTUU "KPI"; structure N. Boichuk, O. Zaborovets. - Electronic text data (1 file: 1.1 MB). - Kyiv: NTUU "KPI", 2009. - 107 p. - Name from the screen. - Access from the university network: <http://service.library.ntu-kpi.kiev.ua/documents/E052.doc>
6. *Methodical recommendations for course work in the discipline "Microeconomics 2" for students of the field of knowledge 05 "Social and Behavioral Sciences", specialty 051 "Economics", specialization "Business Economics" full-time and part-time [Electronic resource]* / NTUU "KPI"; structure: N. Boichuk. - Electronic text data (1 file: 343, 5 KB). - Kyiv: NTUU "KPI", 2016. -39 p. - Name from the screen. - Access: <http://ela.kpi.ua/handle/123456789/18022>

##### Supporting:

1. Bazilevich V.D. *Microeconomics: Reference lecture notes*. - K.: The Fourth Wave, 1997. - 246 p.
2. Gorobchuk T.T. *Microeconomics: teaching method. way.* / T.T. Gorobchuk - K.: ЦУЛ, 2002. - 236 p.
3. Forest A.V. *Microeconomics: Textbook. way.* / A. V. Forest. - K.: CUL, 2003. - 192 p.
4. Kosik A.F. *Microeconomics: Textbook. way.* / A. F. Kosik, G.E. Grontkovskaya. - K.: CSL, 2004. - 416 p.
5. Vinichenko, I.I. *Microeconomics: Textbook* / I.I. Vinichenko, N.V. Datsiy, S.O. Koretska; Humanities University "Zaporizhzhya Institute of State and Municipal Administration". - K.: CSL, 2005. - 272 p.
6. Basilinska O.Ya. *Microeconomics: textbook. way.* / O. Ya. Basilinska, O.V. Minina; for ed. O.Ya. Basil. / 2nd ed., Revised. and additional - K.: CSL, 2005. - 352 p.
7. Pilipenko V.V. *Microeconomics: workshop: textbook. for students. higher education lock* / V.V. Pilipenko, N.M. Pilipenko; MES of Ukraine, Sumy. nat. Agrarian University - Kyiv: Center for Educational Literature, 2009. - 298 p.
8. Pilipenko V.V. *Microeconomics: Course of lectures: Textbook. way.* / B.B. Pilipenko. - Sumy: GDP Dream, 2007. - 284 p.
9. Basilinska O.Ya. *Microeconomics: Theory and Practice: Handbook.* / O. Ya. Basilinska ; National University "Kyiv-Mughal Academy". - Kyiv: Kyiv-Mohyla Academy Publishing House, 2007. - 271 p.
10. Kalinichenko O.V. *Microeconomics: Workshop: textbook. for students. higher education institutions* / O.V. Kalinichenko, L.M. Berezina; Poltava state agrarian academy. - K.: CEL, 2008. - 432 p.

## Educational content

### 5. Methods of mastering the discipline (educational component)

#### Schedule of course work

<i>Semester week</i>	<i>The name of the stage of work</i>	<i>Training time SRS</i>
2	<i>Choice of the topic of the course work and its approval</i>	<i>From the presented topics of the course work the student chooses a research topic in accordance with the problem-practical orientation of their own research interests in accordance with the lists of topics approved by the Department of Economics and Entrepreneurship, given in the guidelines for course work.</i>
3	<i>Drawing up a plan of course work</i>	<i>Review of the literature on the topic of the work (compilation previous version of the bibliographic list for the course work (at least 15 titles)), preparation and approval of the plan</i>
5	<i>Writing an introduction</i>	<i>The relevance and practicality of the topic are substantiated. The purpose and tasks of the course work are determined, the object and subject of research is chosen, methods and ways of solving the tasks are indicated, search of the necessary material in accordance with the chosen research topic, preparation of the preliminary version of the introduction</i>
7	<i>Work on section 1 Theoretical part of the study</i>	<i>Analysis and processing of theoretical material, writing and design of 1 section of the course work</i>
10	<i>Work on section 2. Practical part</i>	<i>Carrying out of the calculations necessary for performance of a practical part of course work, writing and registration of 2 sections of course work</i>
12	<i>Graphic illustration</i>	<i>Graphic illustration of the calculated indicators of economic activity, costs of the enterprise. Determining the necessary performance indicators for further analysis.</i>
16-17	<i>Analysis of the obtained results, drawing conclusions, appendices. Preparation of the completed version of the course work. Submission of work for review</i>	<i>Analyze in detail the calculated indicators of economic activity, cost indicators of enterprises operating in competitive and monopoly markets in the short term of production. Analyze the profitability and unprofitability of production, in the conclusions to provide recommendations for further activities of the enterprise. Justify the decision of the enterprise (firm) to determine the price of manufactured products and the optimal volume of production. Design of applications in which it is necessary to graphically illustrate the amount of profit, the amount of losses and reflect all the critical points for the production process and in the conclusions to analyze them in detail.</i>

During the course work it is recommended to use the "**Methodical recommendations for course work for students in the field of knowledge 05 "Social and Behavioral Sciences" specialty 051 "Economics" specialization "Business Economics" educational level "Bachelor" in electronic form.** (Compiler: Boichuk N.Ya.), 2016. - 39p., which are in NTB NTUU "KPI named after Igor Sikorsky" and electronic campus.

The topic of the course work is chosen by the student in accordance with the problem-practical orientation of their own research interests in accordance with the lists of topics approved by the Department of Economics and Entrepreneurship in terms of individual disciplines, in consultation with the

teacher. The initial data for calculations and the list of topics of course works are given in methodical recommendations.

Course work is performed on A4 sheets, in a text editor Word, one-sided printing. Font 14, Times New Roman, margins on the left - 3 cm, all others - 2 cm. The volume of work is 25-30 pages. In addition to the structural elements of the course work should contain a title page, bibliography and appendices.

The assignment is issued by the teacher in the first month of the semester with a clear indication of the content and scope of work, the date of the deadline for submission to the teacher of the work performed and the date of presentation of the report on the problem. This work is publicly defended by the student at the end of the semester. Allows the student to try his hand at reasoning and making economic decisions.

## **6. Independent work of a student / graduate student**

The student's independent work is to prepare for writing a term paper. To write a term paper, the student processes the recommended literature in accordance with the chosen research topic and calendar schedule of course work, performs calculations based on primary data, graphical material is used to visualize calculations, analyzes and conclusions are conducted.

## **Policy and control**

### **7. The policy of the discipline (educational component)**

**Policy of deadlines and rearrangements.** The defense of term papers takes place in accordance with the calendar schedule of term papers and on the day determined by the dean's office. If the student does not appear for the defense, the rescheduling takes place according to the schedule of the additional session.

**Procedure for appealing the results of control measures.** Students have the opportunity to raise any issue related to the procedure of control measures and have the right to challenge the results of control measures, but it is necessary to argue, explaining which criterion they do not agree with according to the evaluation letter and / or comments.

**Academic integrity.** The policy and principles of academic integrity are defined in Section 3 of the Code of Honor of the National Technical University of Ukraine "Kyiv Polytechnic Institute named after Igor Sikorsky". Details: <https://kpi.ua/code>.

### **8. Types of control and rating system for evaluation of learning outcomes (RSO)**

The rating assessment of the course work will have two components. The first (starting) characterizes the timeliness and correctness of the course work, the quality of graphic material, the correctness of calculations. The second component characterizes the quality of student defense of course work.

The size of the scale of the first component is 40 points, and the second component - 60 points.

## **Rating points system**

### **1. Starting component ( $r_1$ ):**

- performance of course work according to the calendar plan - 5-3 points;
- compliance with the requirements of the course work - 10-6 points;
- correct application of methods of analysis and calculation - 15-9 points;
- quality and clarity of graphic material display - 10-6 points.

**Criteria for evaluating the implementation of the course work:**



Weight score - 40.

"Excellent" - 40-35 points - the work submitted for review on time, in content and essence fully meets the task, correctly solved practical tasks;

"Good" - 34-30 points - the work submitted for review on time, in content and essence fully meets the task, there are inaccuracies in theoretical tasks or calculation errors in practice;

"Satisfactory" - 29-24 points - the work is submitted for testing on time, in essence fully meets the task, the work contains the correct answers to theoretical problems and incomplete solution of practical problems;

"Unsatisfactory" - 0 points - no work or the student does not have the material;

## **2. Component of course work defense ( $r_2$ ):**

- degree of mastery of the material - 10-6 points;

- completeness of analysis of calculations - 15-9 points;

- the degree of justification of decisions - 20-12 points;

- ability to defend their opinion - 15-9 points.

### **Criteria for evaluating the defense of course work:**

Weight score - 60.

"Excellent" - 60-52 points - the report is according to the calendar plan, prepared in accordance with the topic, revealed theoretical and practical aspects, the report contains a description and analysis of the object of study, based on knowledge of economic laws and consequences of consumer behavior and manufacturer, the principles of rational behavior of microsystems in the markets are considered in detail, universal tools of microeconomic analysis are used to study the behavior of economic entities in market conditions and methods of its optimization, high level of presentation, complete answers to additional questions;

"Good" - 51-45 points - the report is according to the calendar plan, prepared in accordance with the topic, the report contains some inaccuracies or questions about the structuring of the report, no conclusions on the results of work, incomplete answers to additional questions;

"Satisfactory" - 44-36 points - the report is according to the calendar plan, prepared in accordance with the topic, the issues are covered at an inadequate level, low level of presentation, the student can not answer additional questions, but has basic economic concepts, problem-oriented;

0 points - the report is not on the schedule, the issues are covered at an inappropriate level, low level of presentation, the student can not answer additional questions, but has basic economic concepts, is oriented in the problem.

To obtain the appropriate grades by the student, his rating (the sum of the scores of the two components) is translated according to the table:

Scores $R = r_1 + r_2$	Rating
100-95	Perfectly
94-85	Very well
84-75	Okay
74-65	Satisfactorily
64-60	Enough
Less than 60	Unsatisfactorily
Course work is not allowed to defend	Not allowed

**Work program of the discipline (syllabus):**

**Compiled** by Art. Lecturer of the Department of Economics and Entrepreneurship, Boichuk N.

**Approved by the department** (minutes № 17 of 02.06.2021)

**Approved by** the Methodical Commission of the Faculty (Minutes № 10 of 15.06.2021)