



Syllabus of the educational component

Academic discipline program

Enterprise Economics

Code and name of the specialty

072 Finance, banking, insurance and stock market

Educational program

Finance and banking

Educational level

Bachelor's degree

Semester

3

Institute

Institute of Economics, Management and International Business i

Department

Business Economics and International Economic Relations (202)

Type of discipline

Special (professional), mandatory

Language of learning

English

Teachers, developers



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Ph.D. (Economics), Associate Professor at the Department of Business Economics and International Economic Relations of National Technical University "Kharkiv Polytechnic Institute"

Work experience - 17 years.

Author of more than 70 scientific and educational-methodological works.

Lecturer in disciplines: "Enterprise Economics", "Economic justification of business decisions", "Resource management in entrepreneurial activity", "Justification of business decisions.

[Learn more about the teacher on the department's website](#)



Havrys Olha Oleksandrivna

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Senior Lecturer at the Department of Business Economics and International Economic Relations of National Technical University "Kharkiv Polytechnic Institute".

Work experience - 18 years

Author of more than 50 scientific and educational-methodological works.

Lecturer in disciplines: "Enterprise Economics", "Economic Analysis", "Innovative Entrepreneurship and Startup Project Management" and "Information Technology in Management"; conducts practical classes in the same disciplines in English.

[Learn more about the teacher on the department's website](#)

General information

Annotation

The essence of the conceptual foundations of enterprise economics is considered, with the help of which it is possible to develop an enterprise strategy, assess the investment attractiveness of an enterprise, and make decisions about managing its current activities. The main emphasis is placed on the acquisition by students of practical skills in making scientifically based business and management decisions in the conditions of a market economy.

Purpose and goals of discipline

Forming a scientific worldview in students and providing a complex of knowledge and skills regarding the use of scientific tools, theory and practice of management, specific forms and methods of management, principles of formation and use of the production potential of the enterprise; interaction of all types of resources with the application of fundamental and special approaches and methods of increasing the efficiency of enterprise management based on the analysis, planning and control of their activities.

Class format

Lectures, practical classes, independent work, course project, consultations. Final control - exam.

Competencies

GC02 Ability to apply knowledge in practical situations.

GC06 Ability to conduct research at an appropriate level.

GC07 Ability to learn and master modern knowledge.

SC01 Ability to research trends in the development of the economy using the tools of macro- and microeconomic analysis, to evaluate modern economic phenomena.

SC05 Ability to apply knowledge of legislation in the field of monetary, fiscal and financial market regulation.

SC11 Ability ability to maintain an appropriate level of knowledge and constantly improve one's professional training.

Learning outcomes

L016 Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the obtained results.

Scope of disciplines

The total volume of the discipline is 150 hours. (5 ECTS credits): lectures – 32 hours, practical classes – 32 hours, independent work – 86 hours.

Prerequisites for studying the discipline (prerequisites)

To successfully complete the course, students must have knowledge and practical skills in the following disciplines: "Fundamentals of Entrepreneurship", "Microeconomics".

Features of the discipline, methods and technologies of education

When conducting lectures, presentation materials and video materials are used. Conducting practical classes involves solving problems, cases, conducting business games. Current control is carried out in the form of testing.

Program of educational discipline

Lecture topics

Topic 1. Enterprise as a business entity

Theories of enterprises and their characteristics. Concepts, goals of functioning and main directions of enterprise activity

Topic 2. Fixed assets of the enterprise (part 1)

Tangible assets as a set of production funds of the enterprise. The division of production assets into fixed and circulating assets, their role in the implementation of the process of production of products or provision of services. Classification of fixed assets. The structure of fixed assets and its types. Valuation of fixed assets. Initial, replacement and residual value of fixed assets.

Topic 2. Fixed assets of the enterprise (part 2)

Physical (material) and economic wear and tear of fixed assets. Depreciation of fixed assets and methods of its calculation. System of indicators of the efficiency of reproduction and use of fixed assets of the enterprise.

Topic 3. Working capital of the enterprise (part 1)

Essential characteristics of working capital as a set of current expenses of financial funds. Elemental composition of working capital. Basic elements of working capital. Sources of formation of working capital. The main indicators of the level of efficiency in the use of working capital.

Topic 3. Working capital of the enterprise (part 2)

Normalized and non-normalized working capital. Calculation of standards of working capital in their individual elements. Determination of the overall standard of working capital of the enterprise.

Topic 4. Forecasting and planning of enterprise activity. Production program

Forecasting as a scientific justification of the possible state of economic entities in the future. Purpose, signs, objects and principles of forecasting. Methodological foundations of planning. Planning as a dominant function of management, principles of planning. System of enterprise plans. Methods of planning activities and development of the enterprise. Production program of the enterprise and its main tasks. Formation of cost indicators of the production program: gross, commodity, net and sold products.

Topic 5. Technical and technological base and production capacity of the enterprise

The concept and meaning of the technical and technological base of production. The main indicators of the level of development of the technical and technological base of the enterprise. Problems of planning the technical development of the enterprise.

General characteristics, types and factors of formation (increase) of production capacity of the enterprise. The main methodical principles of calculating the production capacity of the enterprise. Balance of production capacity. Forms of development and transformation of the technical and technological base of the enterprise.

Topic 6. Enterprise personnel, productivity and wages (part 1).

The concept of personnel in the context of economic concepts of labor resources, personnel, labor potential, etc. Categories of personnel of the enterprise. Division of personnel by professions and qualifications. Determination of the number of individual categories of employees. Labor productivity as an economic category. Methodical approaches to calculating labor productivity at manufacturing enterprises.

Topic 6. Enterprise personnel, productivity and wages (part 2)

The concept of remuneration. Basic salary and additional salary. Payroll functions and their implementation. Minimum wage. Tariff system. The unified tariff system of grades and coefficients for labor payment. Remuneration of managers, specialists and employees. Forms and systems of remuneration of workers. Selection of forms and systems of payment of labor at enterprises of various forms of ownership. The possibility of collective forms of organization and remuneration.

Topic 7. Production costs and cost price (part 1)

Current costs, cost of production as a comprehensive economic indicator. Classification of production costs according to individual characteristics (degree of homogeneity, relationship with production volume, method of calculation per unit of production). Cost management systems.

Formation of costs of responsibility centers and the enterprise as a whole.

Topic 7. Production costs and cost price (part 2)

Content and method of calculating the production estimate. Production estimate calculations for individual economic elements. Calculation and its place in economic calculations.

Topic 8. Financial and economic results of the enterprise (part 1).

General characteristics of the enterprise's financial activity. Sources of financing activities.

Profit and income as the main indicators of the financial results of the enterprise. The essence, functions and types of profit. A typical scheme for using the company's profit (income).

Topic 8. Financial and economic results of the enterprise (part 2).

Profitability as a relative indicator of the efficiency of the enterprise. Calculation of profitability: production funds (production); total assets; own (share) capital. Profitability of a certain volume of products and individual products. Assessment of profitability, liquidity, turnover, stability and business activity. General

provisions of the methodology for determining the effectiveness of production and financial investments. A set of factors affecting the level of investment efficiency. The main organizational and economic factors of increasing the efficiency of the use of capital investments. Economic justification of investment projects of various business entities. Methodology for determining the effectiveness of technical innovations. Business and intra-business (commercial) economic effect from the creation of novelties and the use of innovations.

Topics of practical classes

Topic 1. Starting an enterprise.

Simulation of the real situation of the start-up of the enterprise.

Topic 2. Concept, composition, structure and methods of assessment of fixed assets.

Solving tasks on the valuation of fixed assets.

Topic 2. Operation and depreciation of fixed assets

Determining the size of depreciation deductions by various methods.

Topic 3. Determination of indicators of the size, structure, turnover and efficiency of use of current assets

Calculation of indicators of the efficiency of the use of working capital. Calculations of the standard of working capital.

Topic 4. Calculation of the need for materials.

Solving problems of determining material stocks, their regulation and optimization of material delivery batches

Topic 5. Calculation of production program indicators

Solving tasks to determine the production program of the enterprise.

Topic 6. Determination of production capacity

Elaboration of general methodical principles for calculating production capacity and the algorithm for calculating the average annual production capacity of the enterprise.

Topic 7. Effective use of personnel

Solving tasks to determine quantitative and qualitative indicators of personnel utilization. Calculation of movement indicators and efficiency of staff utilization.

Topic 8. Labor productivity. Forms and payment systems

Carrying out tasks on the analysis of factors for increasing labor productivity. Formation of skills and abilities to calculate the worker's wages for all types of forms and systems of labor payment.

Topic 9. Classification of enterprise expenses

Calculation of planned production costs and production costs, considering the characteristics of variable and fixed costs and their dependence on changes in production volume.

Topic 10. Product cost

Compilation of cost estimates and unit prices of products (works, services).

Topic 11 Determination of enterprise profit and its distribution

Mastering the methodology of determining the company's profitability indicators.

Topic 12. Indicators of evaluating the financial and economic state of the enterprise.

Carrying out tasks on the analysis and assessment of the financial state of the enterprise, substantiating the ways of its improvement.

Topics of laboratory work

Laboratory work within the discipline is not provided.

Independent work

The main types of independent work offered to students to acquire theoretical knowledge of the discipline: working out the theoretical foundations of the lecture material listened to using lecture notes, a textbook, and reference literature; preparation for practical classes; solving practical tasks; execution of test tasks; preparation of reports and writing abstracts; preparing students for intermediate (modular) control and examination.

Literature and educational materials

Basic literature

1. Martin Shubik, Eric Smith. The Guidance of an Enterprise Economy. The MIT Press. 2022. 592 p. <https://academic.oup.com/mit-press-scholarship-online/book/18607>
2. H. L. Ahuja. Business Economics Paperback. Publisher : S Chand & Co Ltd. March 1, 2017. 712 p.

<https://www.amazon.com/Business-Economics-H-L-Ahuja/dp/9352533313>

3. Handbook on the Economics and Theory of the Firm. Edited by the late Michael Dietrich, France: 2014. 608 p.
<https://www.e-elgar.com/shop/gbp/handbook-on-the-economics-and-theory-of-the-firm-9781781956113.html>
4. Mark Taylor, N. Gregory Mankiw, Mark P. Taylor, Andrew Ashwin. Business Economics. Cengage Learning, 2013 - 560 p.
https://www.academia.edu/35352135/Business_Economics
5. Martin Ricketts. The Economics of Business Enterprise: An Introduction to Economic Organisation and the Theory of the Firm, International Student Edition published 2003. 592 p.
http://ndl.ethernet.edu.et/bitstream/123456789/4432/1/229%20.%20Martin_Ricketts.pdf
6. Richard E. Caves. Multinational Enterprise and Economic Analysis (Cambridge Surveys of Economic Literature) 3rd Edition. 2007. 402 p.
<https://www.cambridge.org/core/books/multinational-enterprise-and-economic-analysis/360FF700D9C3BA605E68F0EDE350D427>
7. Christos N. Pitelis. Economics: Economic Theories of the Firm, Business, and Government. Published 2010, In book: The Oxford Handbook of Business and Government (pp.35-62). Edition: 1 Publisher: Oxford University Press Editors: David Coen, Wyn Grant, Graham Wilson
<https://academic.oup.com/edited-volume/34537/chapter-abstract/292969972?redirectedFrom=fulltext>
8. Neil Harris. Business Economics: Theory and Application, 2001. 81 p.
https://books.google.com.ua/books?id=qAB1c51RKXwC&pg=PA78&lpg=PA78&dq=Business+Economics&source=bl&ots=y7Y09RxcD&sig=ACfU3U3Z0zV3EqjXty9j9X_gaCJVD-L9AA&hl=uk&sa=X&ved=2ahUKewibnlu3xN2DAxVHQfEDHee6AXM4FBD0AXoECAQQA#w=onepage&q=Business%20Economics&f=false
9. Економіка підприємства : підручник : у 3 ч. Ч. 2 / А. А. Мазаракі, Г. В. Блакита, Г. В. Ситник та ін.; за заг. ред. А. А. Мазаракі. – Київ : Держ. торг.-екон. ун-т, 2023. 472 с.
<https://knute.edu.ua/file/MjkwMjQ=/2cb937eb99dbcc13f20ebcd792cd3f1e.pdf>
10. Бойчик І.М., Харів П.С., Хопчан М.С. Економіка підприємства: навч. посіб. Львів, 2018. 290 с.
<https://xn--elajqk.kiev.ua/wp-content/uploads/2019/12/EP-PIDRUCHNIK-Bojchik-I-M-2016-fajl.pdf>
11. Economic Code of Ukraine: Adopted on January 16, 2003. – К.: Istyna, Editorial Board dated February 7, 2019, basis - 2473-VII.
<https://wipolex-res.wipo.int/edocs/lexdocs/laws/en/ua/ua020en.html>
12. Tax Code of Ukraine No. 2755-VI of December 2, 2010 (as amended up to April 15, 2017), Ukraine.
<https://www.wipo.int/wipolex/en/legislation/details/17006>

Additional literature

1. Michael Dietrich. Economics of the Firm Analysis, Evolution and History. 2007. 252 p.
<https://archive.org/details/economicsoffirma0000unse/page/n9/mode/2up>
2. Horiashchenko, Y., Knysh, O. Investment resources of enterprises and sources of their formation / Y. Horiashchenko, O. Knysh // Economic innovation. 2022. 24. 4(85). 38-47.
<https://www.ei-journal.com/index.php/journal/article/view/1260/490>
3. Joseph A. Schumpeter. History of Economic Analysis. 1954. 1186 p.
<http://digamo.free.fr/schumphea.pdf>
4. Patrick Spread. Companies and markets: economic theories of the firm and a concept of companies as bargaining agencies. Vol. 40, No. 3 (May 2016), pp. 727-753 (27 pages).
<https://www.jstor.org/stable/24915748>.

Evaluation system

Criteria for assessing student performance and distribution of points

100% of the final grade consists of the results of the assessment in the form of an exam (40%), defense of the calculation task (30%) and current control (30%).

Exam: written assignment (2 theory questions + problem solving) and oral presentation. Current control: 2 online tests (30%).

Grading scale

<u>Total points</u>	National assessment	ECTS
90–100	Excellent	A
82–89	Good	B
75–81	Good	C
64–74	Satisfactorily	D
60–63	Satisfactorily	E
35–59	Unsatisfactorily (further study is required)	FX
1–34	Unsatisfactorily (re-study is required)	F

Norms of academic ethics and policy of the course

The student must adhere to the Code of Ethics of Academic Relations and Integrity of NTU "KhPI": show discipline, education, benevolence, honesty, responsibility. Conflict situations should be openly discussed in study groups with the teacher, and if it is impossible to resolve the conflict, it should be brought to the attention of the employees of the institute's directorate. Regulatory and legal support for the implementation of the principles of academic integrity of NTU "KhPI" is posted on the website: <http://blogs.kpi.kharkov.ua/v2/nv/akademichna-dobrochesnist/>

Coordination

Syllabus agreed



Head of the
department
Petro PERERVA

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Maryna ShEVChENKO