



Syllabus Course Program



SECURITIES MARKET

Specialty

073 – Management

Educational program

Business-administration

Level of education

Bachelor's level

Semester

8

Institute

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

Department

Management (204)

Course type

Special (professional), Optional

Language of instruction

English

Lecturers and course developers

**Irina Chekmasova**

Irina.Chekmasova@khp.edu.ua

PhD in Engineering, associate professor of Department of Management

Authored and co-authored over 60 scientific and methodological publications. Senior lecturer of courses “Customs Regulations”, “International Investments”, “Securities Markets”

More about the lecturer on the department's website

<https://web.kpi.kharkov.ua/mto/about/staff/chekmasova/>

General information

Summary

The course is aimed at obtaining theoretical and methodological knowledge in the field of securities market and portfolio investments. The emphasis is on assessing and forecasting the value of securities, as well as mastering the methods and techniques of fundamental and technical analysis of individual instruments and the securities market as a whole.

Course objectives and goals

To form systemic professional knowledge and practical skills related to analysis and forecasting the value of securities and stock market trends based on modern methods and approaches; to master practical instruments of portfolio investment management.

Format of classes

Lectures, Workshops, consultations, self-study. Final control in the form of a differentiated grading.

Competencies

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

GC04. The ability to apply knowledge in practical situations.

SC08. The ability to plan the organization activity and to manage time.

SC10. The ability to assess the performed works, to ensure their quality and to motivate personnel of an organization.

SC14. To understand the principles of psychology and to use them in the professional activity.

Learning outcomes

PO 06. To demonstrate the skills related to search, collection, and analysis of information, calculation of indicators for substantiation of managerial decisions.

PO 17. To conduct research individually and/or in a group under the supervision of a leader.

Student workload

The total volume of the course is 150 hours (5 ECTS credits): Lectures - 20 hours, Workshops - 10 hours, self-study - 120 hours.

Course prerequisites

Economic statistics, Finance, money and credit, Fundamentals of financial management

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

Presentations, discussions, workshops, case-study learning, individual and teamwork, research work, project work, essay-writing. Study materials are available to students through OneDrive.

Program of the course

Topics of the lectures

Topic 1. Introduction: subject, goals and objectives of the course "Securities market". History and rules of functioning of the securities market

Topic 2. General characteristics of the securities market. Securities market instruments

Topic 3. Participants of the securities market and their activities

Topic 4. Forecasting securities market trends

Topic 5. Valuation of equity securities

Topic 6. Valuation of debt securities

Topic 7. Securities risk-management

Topic 8. Securities portfolio management

Topics of the workshops

Topic 1. Valuation of corporate shares and corporate debt securities

Topic 2. Economic and statistical indicators of securities

Topic 3. Capital asset valuation model (CARM). Gordon model

Topic 4. Derivative pricing. Black Scholes model

Topic 5. Methodology for developing bearish and bullish strategies

Topic 6. The method of moving averages in the technical analysis of the securities market

Topic 7. Optimization of securities portfolio

Topics of the laboratory classes

no laboratory classes.

Self-study

Legal regulations of securities market in Ukraine. History of development of securities market in Ukraine. Main securities market indices. Methods for assessing issuers and stock indices. Placement of securities in the primary market. Probability of valuation of securities. Procedure for trading futures contracts.

Options market participants. Strategies in the futures markets. Strategies in the options markets.

Fundamental analysis of securities. Technical analysis of securities. Investment strategies in securities market.



Course materials and recommended reading

1. Brigham E.F., Houston J.F. Fundamentals of Financial Management. Cengage Learning, 2019. — 866 p.
2. Bodie Z., Kane A., Marcus A.J. Investments. McGraw-Hill, 2014. – 1080 p.
3. Damodaran A. Investment Valuation: Tools and Techniques for Determining the Value of Any Asset. Wiley, 2012. — 992 p.
4. Sharpe W., Alexander G., Bailey J. Investments. Prentice Hall, 1998.— 962 p.
5. Van Horne James C., Wachowicz John M. Fundamentals of financial management. Pearson Education, Prentice-Hall, 2008. — 744 p.
6. Brigham E.F. Financial Management: Theory & Practice. South-Western College Pub, 2010. — 1187 p.
7. Lawrence J. Gitman, Michael D. Joehnk, Scott B. Smart Fundamentals of Investing. Prentice Hall, 2010. — 672 p.

Assessment and grading

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

100% Final assessment as a result of final test (20%) and Continuous assessment (80%).

20% Final test

80% Continuous assessment:

- 60% practical assessment (essay-writing, reporting on individual project work, and case-studies);
- 20% Mid-term test.

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
Olena PROKHORENKO

Date, signature

Guarantor of the educational program
Olena PROKHORENKO





National Technical University
"Kharkiv Polytechnic Institute"