



Syllabus Course Program



Monitoring the quality of education in higher education

Specialty

011 Educational, pedagogical sciences

Institute

Educational and Scientific Institute of Social and Humanitarian Technologies

Educational program

Pedagogy of high school

Department

Pedagogy and Psychology and Social System Control named after I. A. Ziaziun (301)

Level of education

Master's level

Course type

Special (professional), Mandatory

Semester

1

Language of instruction

English

Lecturers and course developers



First name and surname

[olena.lapuzina @khp.edu.ua](mailto:olena.lapuzina@khp.edu.ua)

Candidate of Pedagogical Sciences, Associate Professor, Professor NTU "KhPI"

Work experience - 35 years. The author of more than 140 scientific, educational and educational-methodological works. Leading lecturer in the disciplines: "Monitoring the quality of education in higher education", "Psychological and pedagogical principles of safety in education", "Didactic systems and educational technologies in higher education", "Leadership in teaching activities", "Project management in education", "Fundamentals of higher school pedagogy".

[More about the lecturer on the department's website](#)

<https://web.kpi.kharkov.ua/ppuss/uk/portfolio-lapuzinoyi-oleny-mykolayivny/>

General information

Summary

The purpose of teaching the educational discipline "Monitoring the quality of education in higher education" is to provide students with systematized knowledge of the theoretical aspects of educational monitoring, principles, functions, types, the mechanism of monitoring and monitoring the quality of education in higher institutions, and the formation of practical skills in the effective use of methodology, tools and criteria for pedagogical measurement, interpretation of research results, their approval and implementation in practice.

Course objectives and goals

Formation of knowledge of the higher education quality assurance system. Formation of knowledge regarding the procedures for determining the quality of the teaching staff, monitoring the quality of education, the quality of teaching and learning, ensuring the transparency of the quality of evaluation of higher education applicants. Development of skills of organization of psychological and pedagogical

assessment, definition of assessment criteria and approval of results. Development of practical and procedural skills of development and application of control and measuring materials.

Format of classes

Lectures, practical classes, consultations, self-study. Final control in the form of an exam.

Competencies

General competences:

GC 2. Ability to search, process and analyze information from various sources.

GC 3. Ability to apply knowledge in practical situations.

GC 4. Ability to learn and master modern knowledge.

GC 5. Ability to adapt and act in a new situation.

GC 8. Ability to act socially responsibly and consciously.

GC 10. Ability to conduct research at the appropriate level.

Competencies of specialization:

CS 1. Ability to design and research educational systems.

CS 4. Ability to carry out an examination and provide consultations on issues of educational policy and innovations in education.

CS 5. Ability to develop and implement new educational tools, projects and integrate them into the educational environment of the educational institution.

CS 7. Critical understanding of problems in the field of education, pedagogy and on the border of the fields of knowledge.

CS 9. Ability to use modern information and communication and digital technologies in educational and research activities.

Learning outcomes

LO1. To know the concept of the development of education and pedagogy and the methodology of relevant research at the level of the latest achievements.

LO 2. To use modern digital technologies and resources in professional, innovative and research activities.

LO 3. To form pedagogically expedient partnership interpersonal interaction; to carry out business communication, to clearly and unambiguously convey one's own reasoning, conclusions and arguments on issues of education and pedagogy to specialists and the general public; to conduct a problem-thematic discussion.

LO 4. To communicate in national and foreign languages fluently both orally and in writing for discussing the results of educational and professional activities, for scientific research and innovative projects presenting.

LO 5. To organize the educational process on the basis of student-centered, competence-based, contextual approaches and modern achievements of educational and pedagogical sciences; to manage educational and cognitive activities; to objectively evaluate the learning outcomes of education seekers.

LO 6. To develop and implement innovative and research projects in the field of education/pedagogy and interdisciplinary level in compliance with legal, social, economic, ethical norms.

LO 7. To create an open educational and scientific environment, favorable for education seekers and aimed at ensuring learning outcomes.

LO 9. To search for the necessary information on educational/pedagogical sciences in printed, electronic and other sources, analyze, systematize it, assessing its reliability and relevance.

LO 10. To make effective, responsible decisions on issues of management in the field of education/pedagogy, particularly in new or unfamiliar environments based on many criteria or with incomplete/limited information.

LO 11. To carry out advisory activities in the field of educational and pedagogical sciences.

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 pass the course, you need to have knowledge and practical skills in the discipline: "Fundamentals of higher education pedagogy".

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

Lectures are conducted interactively using multimedia technologies. Practical classes use a project approach to learning, game methods, and focus on the application of innovative pedagogical information technologies in educational monitoring. Active learning methods that are used: discussion, brainstorming, problem-based methods, the method of specific practical situations, business and role-playing games. Study materials are available to students through OneDrive of NTU KhPI.

Program of the course

Topics of the lectures

Topic 1. Introduction to the discipline.

Subject, goal and task, learning outcomes. Functioning of the higher education system

Topic 2. Quality of education.

The quality of training of applicants as a subject of research. "NQF" (National Qualifications Framework).

Topic 3. Monitoring the quality of higher education.

Types and algorithm of monitoring.

Topic 4. Educational monitoring.

Principles, functions, types, tasks of educational monitoring.

Topic 5. System of quality assurance of higher education.

NAQAHE (National Agency for Quality Assurance of Higher Education): status and authority.

Topic 6. Basics of the theory of pedagogical measurements.

Development zones and cooperation technology.

Topic 7. Methods and tools Evaluation criteria.

Academic integrity and plagiarism prevention. Academic responsibility.

Topic 8. Approbation of the research results.

Methodology for the development of the management system and the guarantee of the quality of education in higher education institutions.

Topics of the workshops

Topic 1. Requirements of the labor market for the training of modern specialists.

Topic 2. Socio-psychological context of the quality of education.

Topic 3. Elements of the monitoring system.

Topic 4. HIE (higher education institutions): mission, vision, development strategies. Rating of HIE. Indicators.

Topic 5. Monitoring the quality of the educational process. Foreign experience in monitoring the quality of education. Approaches to the organization of the educational process, its essence and characteristics: student-centered, competence-contextual, systemic, etc.

Topic 6. Development zones and cooperation technology.

Topic 7. The method of preparing homogeneous and heterogeneous tests.

Topic 8. Correlation of the form of the task and the type of KSPS (Knowledge - Skills – Practical Skills) that are checked, evaluation criteria

Topics of the laboratory classes

Laboratory work within the discipline is not provided.

Self-study

The course involves the completion of an individual task in the form of an essay and a computer presentation in the Power Point program. The result of such work is the student's report in class and readiness to answer questions according to the chosen topic. calculations and modeling is drawn up in a written report. Students are recommended a list of topics and additional materials (videos, articles) for independent study and analysis.

Course materials and recommended reading

Basic literature

1. The Regulation on Quality Assurance System of the National Agency For Higher Education Quality Assurance. –Ukraine. – Kyiv, 20221. Aleksyuk A. M. Pedahohika vyshchoi shkoly. Istoriia. Problemy / A. M. Aleksyuk. – Kyiv : Lybid, 1998. – 558 s.
2. Bologna Process (undated), Bologna Process available at <http://www.wg.aegee.org/ewg/bologna.htm>, accessed 7 February 2011.
3. Bondarenko, T., & Volkov, D. (2017). Estimation mechanism of activity results of higher education institutions of different types under modern conditions. Scientific Journal of Polonia University, 23(4), 25-33. DOI:10.23856/2303. [in English]
4. Brink, C., 2010, 'Quality and standards: clarity, comparability and responsibility', Quality in Higher Education, 16(2), 139–52.
5. Carnegie Foundation for the Advancement of Teaching, undated, The Carnegie Classification of Institutions of Higher Education <http://classifications.carnegiefoundation.org/>, accessed 14February 2011.
6. Tempus, 2001, Glossary of the terms related to quality assurance Development of Quality Assurance System in Higher Education (QUASYS) Tempus Joint European Project, UM JEP-16015-2001 <http://www.unizg.hr/tempusprojects/glossary.htm>, accessed 15 May 2011.

Supplementary literature

1. Fraser, B.T. and McClure, C.R. assisted by Leahy, E.H. Dagli, A. and Darling, I.S., 2002, Information Use Management and Policy Institute, Association of Research Libraries E-Metrics Project, January, available at <http://www.arl.org/arldocs/stats/aboutstats/may2002/ARL.Emetrics.Outcomes.Paper.Final.Jan.8.02.pdf>, accessed 16 January 2012.
2. Vlăsceanu, L., Grünberg, L., and Pârlea, D., 2004, Quality Assurance and Accreditation: A Glossary of Basic Terms and Definitions (Bucharest, UNESCO-CEPES) Papers on Higher Education, ISBN 92-9069-178-6, available at <http://www.aic.lv/bolona/Bologna/contrib/UNESCO/QA&A%20Glossary.pdf>, accessed 20 September 2012, still available 29 December 2016.
3. Right to higher education: unpacking the international normative framework in light of current trends and challenges. UNESCO Right to Education Initiative 2022 <https://www.unesco.org/en/articles/new-unesco-report-unpacks-current-trends-and-challenges-right-higher-education>

Assessment and grading

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

100% of the final grade consists of assessment results in the form of an exam (40%) and ongoing assessment (60%).

Exam: written assignment (3 questions on theory) and oral presentation.

Current assessment: 1 online module test and individual assignment (20% each).

A rating system is also provided.

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
Oleksandr ROMANOVSKY

Date, signature

Guarantor of the educational
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Tetyana SOLODOVNIK

