

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
TERNOPIL NATIONAL PEDAGOGICAL UNIVERSITY NAMED BY
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I APPROVE.

Rector

Bohdan BUYAK

March 6, 2023

PROGRAM

entrance exams to graduate school for obtaining a degree

doctor of philosophy in speciality

015 PROFESSIONAL EDUCATION (by specialization)

Ternopil – 2023

The program is drawn up in accordance with the requirements of the Ministry of Education and Science of Ukraine, the Law of Ukraine «On Higher Education» dated September 6, 2014, the Resolution of the Cabinet of Ministers of Ukraine «On Approval of the Procedure for the Preparation of Higher Education Candidates for the Degrees of Doctor of Philosophy and Doctor of Sciences in Higher Educational Institutions (Scientific Institutions)» dated March 23, 2016 No. 261 and the Order of the Ministry of Education and Science of Ukraine «Conditions for admission to higher education institutions of Ukraine in 2020» dated October 11, 2019 No. 1285, «Rules for admission to postgraduate and doctoral programs at Volodymyr Ternopil National Pedagogical University Hnatyuk for 2023» (<https://tnpu.edu.ua/naukova-robota/pravila-vstupu-do-asp-ranturi.php>).

The program in the discipline «Professional pedagogy» is the basic training of specialists of the third educational and scientific level of the specialty 015 Professional education (by specialization).

The program was discussed and approved at a meeting of the Department of Mechanical Engineering and Transport (Minutes No. 8 dated March 31, 2023).

The purpose of studying the program is the formation of knowledge about the basic concepts, principles, methods, technologies of professional education; disclosure of the main problems of modern continuous professional education (vocational and technical, higher and additional); development trends, content and technologies of education, methods of formation of professional thinking; development of professionally important qualities and personality traits.

During the study of the educational discipline «Professional pedagogy», considerable attention is paid to mastering the categorical and conceptual apparatus and terminology necessary for a deep understanding of the theoretical and methodological foundations of the development of professional education; analysis of the regulatory framework for the functioning of vocational education institutions.

During the preparation for the exam, the applicant must:

to know: basic principles, concepts of professional education; its methodological basis;

requirements for the content of professional education in accordance with normative documents (resolutions, orders, letters);

subject, task and structure of professional pedagogy;

principles of professional training and education, patterns of human personality development;

the laws and regularities of the functioning of the unified pedagogical system, as well as, accordingly, the integral pedagogical process that takes place in it;

the system of modern continuous professional education (vocational and technical, higher and additional) of Ukraine;основи дидактики професійного навчання;

essence, structure, content of professional education;

communicative processes in professional activity;

pedagogical management in professional education.

to be able to: carry out goal setting in accordance with the content and forms of professional education;

implement diagnostics of educational achievements of subjects of study (pupils, students, trainees);

to create a health-preserving environment in professional education institutions (vocational and technical, higher and additional);

use innovative methods and technologies of professional education;

applying pedagogical knowledge about the stages of personality development, independently organize and control personal and professional development;

apply research methods as a means of studying the effectiveness of the educational process in institutions of professional education (vocational and technical, higher and additional);

to form key competences for life in subjects of training, in particular, the ability to study in professional education institutions, cross-cutting skills, and to build strategies for their own self-development and self-improvement.

CONTENTS OF THE PROGRAM

GENERAL FUNDAMENTALS OF PROFESSIONAL PEDAGOGY

1. Professional pedagogy is a science and an educational subject.

Differentiation of pedagogy, peculiarities of formation and development of professional pedagogy. Philosophical and methodological foundations of professional pedagogy. Professional pedagogy as a branch of pedagogical science. Subject and tasks of professional pedagogy. Personality as an object of professional education. The main categories of professional pedagogy. Thesaurus of professional pedagogy. Theoretical foundations of the formation of the content and study of the course of professional pedagogy. Content and structure of the course. Methodical recommendations for classroom and self-study of the course.

2. A systematic approach to the formation of the foundations of professional education. Concept of pedagogical system (PS). Structural and functional components of the PS. Laws of PS operation. A brief historical review of the organization and activities of the best examples of pedagogical systems. Professional education as a socio-cultural institution and a pedagogical phenomenon. Preparation of production/labour resources of the state as a social and scientific problem. Professional education as a pedagogical system. The system of professional education of Ukraine: purpose and task of functioning, social functions. The main trends and directions of development of the modern system of continuous professional education in Ukraine. Personal oriented professional education. Professional profile and professional approach to the formation of a specialist's personality.

3. Psychological foundations of professional pedagogy. The subject and tasks of the psychology of professional education and development of a specialist. Educational and professional activity as a condition of professional personal development. Motivational and value attitude towards future professional activity. Professionally important psychological qualities of the individual. The concept of acmeology as a science. The subject of acmeology and its brief description. The role and place of acmeology in the system of human sciences. Acmeological foundations of professional education. Acmeological foundations of professional and personal development of a specialist. The author's system of activity (ASD) of a professional and the main regularities of its formation. Psychological barriers in professional self-determination. Psychological mechanisms of professional and personal development of a specialist.

DIDACTICS OF VOCATIONAL TRAINING/ VOCATIONAL (VOCATION-TECHNICAL) EDUCATION

1. Theory and methodology of professional (vocational and technical) education. Organizational and pedagogical foundations of vocational education (VET). Principles of professional training. The content of professional (vocational and technical) education and characteristics of its main components. The state standard of professional (vocational and technical) education as a basis for the formation of its content. Organizational forms of the educational process in institutions of professional (vocational and technical) education. The sequence (algorithm) of choosing learning methods. Methods of theoretical learning. Indicator of intellectual capacity of professional training. Indicator of general educational base of professional training. Characteristics of practical (production) training methods. Instruction as a specific method of industrial training. The essence of introductory, current and final briefing. Information and modular technologies in professional education. Industrial and pre-diploma internships in institutions of professional (vocational and technical) education: planning, organization and implementation. Diploma design and its specific implementation in professional (vocational and technical) education institutions. Teaching aids in professional (vocational and technical) education institutions.

2. Theory and methodology of higher education. Higher school as a subsystem of professional education. Organizational and pedagogical foundations of higher education (HE). The mission of the university in the region, the university complex. The main provisions of the state standard of HE. The content of the training of specialists in higher education institutions. Theoretical and practical training of students at vocational education institutions. Content and educational programs of higher education institutions. Forms of organization of the educational process in institutions of higher education. Learning technologies in HE. Methods of practical and industrial training in vocational education institutions. Basics of students' independent work. Control and evaluation of students' knowledge, abilities and skills. Development of creative and cognitive abilities of students. Application of information and communication technologies in the educational process.

3. Theory and methods of additional education. Peculiarities of additional professional education as a subsystem of continuous adult education. Functions and content of additional professional education. Types of additional professional education. Peculiarities of the learning process in the system of additional professional education. Organizational forms, methods and technologies of training in the system of additional professional education.

THEORY AND METHODOLOGY OF VOCATIONAL EDUCATION

1. Professional education of future specialists. Modern understanding of the essence of education. Professional development of the personality of the future specialist/employee as a result of multifactorial influence: a synergistic concept. The concept of the purpose of professional education: an axiological approach. Education strategies. Principles of professional education. The structure of the education process in a vocational school. Content of professional education. Education and training. Conditions and factors of professional education. Basics of professional self-education and self-development. Personality education as a goal and result of professional education. Socio-pedagogical support of pupils/students of a vocational school.

2. Methods and forms of professional education. Technologies, methods and forms of professional education. The connection and dependence between general and specific methods of education in the conditions of a vocational school. The practice of educational and career guidance work in professional (vocational and technical) education institutions. Extracurricular education. Peculiarities of labor education of pupils and students. Organized life activities of students of professional (vocational and technical) education institutions as a basis for personal and professional development. Forms and methods of work of pedagogical workers with parents of students of professional (vocational and technical) education institutions. Management of educational work in the system of professional and technical education and in institutions of higher education. Planning of educational work, types of activities of educational work in professional education. Planning educational work in an educational/student group. Pedagogical interaction of employees of professional (vocational and technical) education institutions and higher education institutions. Types and ways of interaction of pedagogical workers in the study group. Control of educational work.

3. Organization of educational work with pupils/students in difficult life circumstances. General characteristics of participants in the educational process. Peculiarities of the contingent of students of professional (vocational and technical) education institutions, their consideration in the process of educational work by engineering and pedagogical workers and class teachers. Objectives of work with the «risk group». Criteria for selection into the «risk group». Risk factors of students/pupils falling into the «risk groups». The main educational tasks of working with pupils/students who are in difficult life circumstances. A brief description of the types of accentuation of the character of students of vocational (vocational and technical) education institutions most subject to alcohol and drug addiction. Stages of work of a professional school teacher with pupils/students of the «risk group».

PROFESSIONALISM OF THE TEACHER (TEACHER, TEACHER) AND PEDAGOGICAL MANAGEMENT IN VOCATIONAL (VOCATION- TECHNICAL) EDUCATION

1. Professionalism of activity and personality of a teacher of a higher and professional school. The concept of the professionalism of the activity of the teacher and pedagogical worker. Individual activity of a teacher as a pedagogical system. Professionalism of pedagogical creativity. The essence of pedagogical creativity. The relationship between theoretical and practical thinking in pedagogical creativity. Factors of productive pedagogical creativity. The concept of professional and pedagogical competence as a property of the personality of the teacher and pedagogical worker. The main elements of professional and pedagogical competence and their concise description. Ways of forming the teacher's professional and pedagogical competence. Definition of professional competence. Professional focus. Professionally important qualities of a teacher's personality.

2. Professional and pedagogical culture of the teacher/pedagogical worker. The essence of the teacher's professional and pedagogical culture. Pedagogical values in the structure of professional and pedagogical culture. Technology of pedagogical activity as a component of professional and pedagogical culture. Communicative processes in pedagogical activity. Communication skills in professional and pedagogical work, which include perception (perception), interaction (interaction) and communication (exchange of information) in various systems of a vocational school («teacher-student», «teacher-parent», «teacher-teacher», «teacher-administrator»). Individual creative component of professional and pedagogical culture.

3. Pedagogical management as science and art. The concept of management of educational systems and pedagogical management. Management as a science and art of managing people, whose behavior quite often does not fit into the laws of formal logic. Goals and tasks of pedagogical management in the field of professional education. Principles of pedagogical management. The structure of the theory of management of educational systems. The subject, product and result of the work of the manager of the educational sphere. Educational complexes. Basics of managing the educational process in the conditions of a professional (vocational and technical) education institution. Basic conditions for preventing and overcoming formalism in the educational process and in its management. Factors determining the effectiveness of pedagogical management. Indicators of the effectiveness of the functioning of the system «head of higher education institution/institution of professional (vocational and technical) education – teacher/pedagogue – pupil/student».

EXAM QUESTIONS

State standard of professional (vocational and technical) education.

Philosophical and methodological foundations of pedagogy of professional (vocational and technical) education.

Trends in the development of continuing education in Ukraine and the world.

The system of professional (vocational and technical) education of Ukraine: purpose and task of functioning, social functions.

Professional profile and professional approach to the formation of a specialist's personality.

The structure of professional (vocational and technical) education institutions.

Didactics as a theory of education and training.

Continuity in the activities of institutions of professional (vocational and technical) education and general education schools.

Purpose, tasks and principles of professional (vocational and technical) education.

Research methods in professional pedagogy.

The essence and structure of the pedagogical process.

Designing the pedagogical process.

Educational and professional activity as a condition of professional personal development.

Criteria for the effectiveness of professional training.

Methods of professional training.

Basic forms of industrial training organization.

Development of the classroom-lesson system of teaching organization.

Implementation of inter-cycle and inter-subject connections.

Differentiation and individualization of the learning process.

Forms of organization of the educational process in institutions of professional (vocational and technical) education.

Functions and content of additional professional education.

Control over the educational and cognitive activity of the pupil and student.

Teaching aids as a category of didactics.

Innovative approaches to the organization of the educational process.

Modern information and communication technologies in education.

Computerization of the educational process.

Principles of didactics.

A block-modular approach to training in a vocational school.

Organization of educational activities of pupils and students using problem-based learning.

Organization of independent work of students using game learning technology.

The structure of the education process in a vocational school. Content of professional education.

The connection and dependence between general and specific methods of education in the conditions of a vocational school.

The concept of the professionalism of the activity of the teacher and pedagogical worker.

The essence of the teacher's professional and pedagogical culture.

The concept of management of educational systems and pedagogical management.

Principles of pedagogical management.

Traditional (established) learning technology.

Information and modular technologies in professional education.

Methods of pedagogical research, their characteristics.

Pedagogical experiment and its main stages.

The method of testing in pedagogical research.

Diagnosis of real possibilities of pupils/students in research and experimental work.

The formative stage of the pedagogical experiment as a method of pedagogical research.

Methods of processing scientific material.

LITERATURE

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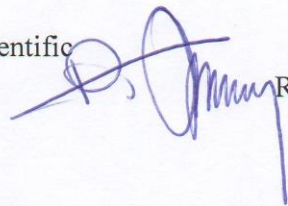
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