ADVANTAGES OF TEACHER TRAINING ON THE BASIS OF DISTANCE EDUCATION

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The summary

In clause the basic principles, technology and efficiency of use of remote training for formation knowledge and skills of the students in process improvement of professional skill are examined.

Introduction

Today, in the process of radical reform of the education system of the country, special attention is paid to strengthening the material and technical base of the system of professional development and ensuring its effective use, improving curricula and textbooks. At present, in the context of the widespread introduction of modern technologies in the system of professional development, the organization of the educational process on the basis of modern requirements and criteria, technical support of all departments of educational institutions, the use of the Internet A positive result can be achieved by creating the full potential.

At present, the basic didactic principles of education development in the system of professional development are also the basis for distance learning, such technology of education is improved and supplemented with new conditions and criteria for a new learning environment, ie The organization of training in advanced training systems on the basis of modern technologies such as computers, software, multimedia electronic manuals, the Internet, electronic databases, distance learning must meet the following requirements:

• to organize classes on the basis of advanced achievements of science and modern technologies on the basis of modern laws of educational process and to provide optimal ratio of all didactic principles and rules;

• to create the necessary conditions for the thorough acquisition of knowledge by students, taking into account the interests, abilities and needs of students, as well as to establish interdisciplinary connections;

• Relying on previously acquired knowledge and skills, as well as the level of development of students;

• Motivation and activation of all-round development of the person of information technologies;

• increase the logic and emotionality of all stages of educational activities on the basis of information technology;

• effective use of information technology tools;

Forming the necessary knowledge, skills and abilities, rational ways of thinking and acting on the basis of information technology, creating the need to constantly enrich the existing knowledge and carefully design, plan, diagnose and predict each lesson

To this end, the use of modern information and computer technology in the system of teacher training and retraining is carried out in the following areas:

• as an object of study of information and telecommunication technologies, ie students will have a general understanding and skills in new information technologies, their components and areas of use;

• Information and telecommunication technologies as a means of teaching, ie on the basis of modern information and pedagogical technologies, knowledge is taught to students, and lectures, practical and laboratory classes are organized on the basis of modern computer software;

• as a means of managing the educational process, ie the creation of a system of information, analysis and

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forecasting to increase the effectiveness of all activities of the educational institution, including educational, spiritual, educational and research work taught;

Knowledge and skills on creation and implementation of modern information systems will be formed to increase the effectiveness of research and pedagogical research.

In the process of professional development and retraining of teachers, ie in lectures, practical, laboratory and seminar sessions, depending on the place of application of modern curricula, and the independent acquisition of knowledge by students, repetition of previous topics, The use of knowledge in the process of verification, control, provides an important basis for strengthening their knowledge and skills on the subject under study, as well as improving the learning process.

The use of distance learning technologies in the system of in-service training has specific pedagogical and psychological purposes, including:

• to teach students to make independent decisions in the implementation of a complex process, to express their views and opinions, as well as to form research activities;

• Accelerate the learning process in all education systems;

• Improving the perfection, productivity, quality and efficiency of the education sector in the implementation of the capabilities of information and communication technologies;

• deepening of science-communication in the use of information and communication technologies;

• Development and implementation of distance learning systems based on the use of network technologies.

• Distance learning is a new form of teaching that differs from the forms of teaching that are separate and inseparable from production. It refers to new forms, methods, tools, organization, forms of communication between teacher and student, as well as student interaction. Also, different forms of such education will have their own purpose, based on social order, the content defined in the curriculum of the selected educational institution, as well as the organizational form and special means of teaching methods.

Based on the use of distance learning technologies in the training system, students will have the following:

• reading and studying using non-traditional sources;

• increase the efficiency and productivity of independent work;

• expansion of areas of activity and creation of new opportunities;

• Demonstrate creative abilities;

• be aware of current events and news and use them in pedagogical activities.

Improving the effectiveness of distance learning technology in the system of professional development depends on the following conditions and factors:

• availability and sufficiency of modern information and computer technology base;

• Continuity of work on the Internet;

• High level of motivation and mastery of distance learning students;

• Attracting knowledgeable, qualified and experienced teachers to the distance learning system;

• the adequacy and adequacy of the distance learning system with the necessary and quality teaching materials, e-textbooks and training courses;

• Systematic training in distance learning.

The distance learning system incorporates several principles, similar to the traditional education system.

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According to the principle of pedagogical education focused on the educational and developmental tasks, in addition to the formation of certain knowledge, skills and abilities in the audience, it is necessary to take into account the educational and developmental factors of training on a specific topic. .

In distance learning, this principle is interpreted in the form of the principle of creative description of the listener's cognitive activity. Creative information technology is interactive in nature and requires the student to apply the description of general information received to specific situations.

The implementation of the scientific principle of teaching in the process of distance learning implies that students learn scientific facts, concepts and laws, as well as theories in a particular subject. The principle of science requires students to develop research skills. This requires the widespread use of problem-based learning methods in the laboratory and in practice. Successful implementation of this principle in distance learning serves to ensure the fundamentality of the acquired knowledge.

The implementation of the principle of fundamentality of education on the basis of the following psychological criteria ensures that the student fully masters the materials of the curriculum:

• high motivation of the student;

• student's focus on achieving educational goals;

• development of communication skills;

• Continuous self-improvement based on critical analysis of activities;

• Psychophysiological characteristics of the student's personality, time budget are taken into account in the development of distance learning plans.

According to the principle of fundamentality of education, the listener is required to perform creative tasks in mastering the topics of the curriculum. This principle differs from traditional distance learning in that it mainly involves the direct acquisition of a certain amount of content.

In distance learning, the principle of free choice to receive information through specific activities can also be seen as a continuation of the above principle.

The principle of systematization and coherence is that in traditional teaching, knowledge, skills and competencies are transferred in a certain system, in a clear sequence, each new element of the teaching material in an interconnected and logical sequence. requires

In distance education, the principle of appropriateness of learning materials according to the level of content and complexity serves to ensure that students acquire the planned knowledge, skills and abilities without mental and physical overload.

Improving the effectiveness of the distance learning system in the system of professional development The pedagogical software tools created and used in many ways include the purpose, components, content and objectives of the curriculum, e-learning manual, automated training courses and so on. 'depends on the quality of the unit.

To do this, the distance learning system uses interactive Internet technologies: chat, problem-solving, teleconferencing, a window of advertisements for communication between teachers and listeners, various simulators for monitoring and evaluating the knowledge of the listener.

In order to increase the effectiveness of the educational process through the use of information and computer technology, first of all, it is necessary to create the necessary conditions for the listener and focus on the effective use of information and communication technologies in educational processes. As a result, the

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audience:

• Increased desire to work on themselves and improve their skills;

• increased learning activity;

• have the opportunity to be creative;

• create conditions for independent work in the learning process;

• It is possible to systematically control the knowledge acquired independently, and so on.

In the system of advanced training students are aware of the essence of modern information and computer technologies, as well as the ability to organize the process of teaching on the basis of distance learning technologies, to design the educational process on the basis of perfect standards, to use these projects wisely. can be a guarantee of thorough, in-depth mastery of theoretical knowledge by learners, the formation of practical skills and competencies in them.

To do this, in contrast to the methodological development of the course, which encourages students to work effectively in the system of professional development, the focus on modern educational technologies in the learning process, taking into account the individual and collaborative activities of students, o. It is necessary to create the necessary conditions for independent study of teaching materials.

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