Methodological Principles That Can Be Used In Distance Education In Medical Institutions Of Higher Education

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Abstract: In the article, the introduction of modern information and communication technologies into the educational process creates a new form of education - distance education, in addition to traditional teaching methods.

Key words: Teleconferencing, videophone, video image, multimedia projectors and monitors, modem, column, microphone, webcam, audio-video information, WEB technology, video conference.

INTRODUCTION.

Humanity faced a series of problems at the end of the twentieth century, which are directly related to serious changes in the field of information and telecommunications, in particular, the rapid development of information technologies. New information and communication tools began to enter various aspects of education, production and personal society. The development of the Internet global computer network led to the opening of new directions for improving the education system of the

whole world. First of all, the sudden change in the technical support of educational institutions, the wide access to worldly information resources, created the need to use new forms and methods of teaching. The introduction of modern information and communication technologies into the educational process has led to the creation of a new form of education - distance education, in addition to traditional teaching methods. In distance education, the student and the teacher are spatially separated from each other and are in constant communication with the help of specially created training courses, control forms, electronic communication and other technologies of the Internet. Distance education based on the use of Internet technology provides access to the global information and education network, performs an important series of new functions with the principle of integration and interaction.

Distance education uses various information and communication technologies, that is, each technology depends on the purpose and nature of the issue. For example, teaching tools based on the traditional printing method (study guide, textbooks)

based on introducing students to new material, interactive audio and video conferencing allows for timed interaction, e-mail and direct and reverse communication, i.e. sending and receiving messages intended.

Pre-edited video lectures allow students to listen to and watch lectures, and fast exchange of faxes, messages, assignments over the network allows students to learn through mutual feedback.

Based on the above, we will give descriptions and definitions of some terms that are repeatedly mentioned in the course of education.

Distance education is a form of education based on information and telecommunication technologies, such as part-time and full-time education, which includes the best traditional and innovative methods, teaching tools and forms.

Distance learning is an educational system based on new information technologies, telecommunication technologies and technical means. It provides the learner with learning conditions and communication with the teacher based on certain standards and educational laws are a system that requires the student to engage more independently. In this case, the learning process does not depend on the time and place of the learner.

Distance education is an educational complex based on means of exchanging educational information at a distance, where the teacher provides educational services to all strata of the population and foreign students with the help of a special information environment. So, distance education is a process in the distance education complex.

LITERATURE ANALYSIS AND METHODS.

Distance education system is an education system organized on the basis of distance education conditions. Distance learning system, like all educational systems, has its own structural purpose, content, methods, tools and organizational forms.

Pedagogical technologies of distance education - a set of teaching methods and methods that provide the educational process of distance education based on the selected teaching concept.

Case-technology is a method of organizing distance education, which is based on the use of a set of textual, audiovisual and multimedia (case) educational methodological materials in distance education. TV-technology is a method of organizing distance education, which serves to convey educational and methodical information to students using television and is based on the installation of external communication with one of the optional interactive methods.

Distance education and distance education have their own characteristics, pedagogical system, necessity and purpose. Distance education differs from traditional education by the following

characteristics.

RESULTS.

The distance education system should be considered in the continuous education system along with full-time, part-time, externship education systems. The personal approach, which reflects the main principles of pedagogy, is recognized by the world's pedagogical communities for all forms of modern education systems. In the training center not the teaching process, but the cognitive activity, learning, arising from the student's personal capabilities and abilities. The activity of the teacher should be directed to the organization of the productive activity of the students. Therefore, the main goal of the educational system is the intellectual and spiritual development of a person, the formation of critical and creative thinking, and teaching how to work with information.

A personalized approach to distance education significantly increases the educational level of the educational process, relying on the wonderful opportunities provided by the Internet.

The process of distance learning should be organized on the basis of such pedagogical technologies that the following opportunities of students are formed:

- obtaining the necessary fundamental knowledge that can be applied to solve specific scientific or practical problems;
- solving problems with friends that arise in the process of cognitive activity;
- working with additional sources of information necessary to solve the issues;
- elimination of all existing problems, practical application of acquired knowledge.
- Conducting independent observations using Internet technologies;
- to be able to assess one's knowledge levels and achievements, to be able to correct one's activities.

DISCUSSION.

Educators should consider the following requirements when creating distance learning courses:

1) Motivation is considered a necessary part of teaching and should be supported during the teaching process. A clear goal set before the listener is of great importance.

If the tasks set before the listener do not correspond to his level of preparation, motivation will decrease sharply.

2) Setting educational goals. The audience should know what is required of him. It is important that the goals and tasks are clearly indicated in the program.

3) Creating conditions for receiving educational materials. Additional supporting materials (guide for listeners) are useful in creating such conditions. Preliminary tests can also be conducted.

4) Delivery of educational materials - is carried out in connection with solving any educational issues. In this case, the creation of images to be displayed on the computer screen is considered an important problem, it is necessary to use the principle of easy reading.

5) Feedback. This criterion is of great importance for the listener. The computer helps in feedback.

6) Evaluation. Students need to learn how they learn learning materials while working with a computer. But it is not considered appropriate not to show wrong answers until the final evaluation. The number of tasks with few listeners is greater than the number of tasks with many tasks activates. It is very important to organize "listener-teacher-listener" communication in distance courses. For this, it is necessary to organize the activities of the audience based on the methods of joint reading or projects, debates.

CONCLUSION

Specific features of creating educational materials for distance education. Now let's talk about the specific features of creating educational materials. A full-fledged online training project will consist of instructional, informational, control, communicative and management blocks.

The distance learning course is not only the text of the lessons, but also the search for necessary information on the network, exchange of information, reference to the database, use of periodic information sources in the INTERNET system. Distance learning, by its nature, is not only individual learning, but also needs to develop the possibility of communication with the teacher and other students.

The quality of distance learning depends on the organization of training courses. If the course is created for teaching, that is, for communication between the listener and the teacher, then the requirements for the organization of such a course, the selection of educational materials and their structure should be based on the characteristics of communication. If the course is created for independent study (there are a lot of such courses in the INTERNET system), then the choice of educational materials, the structure and organization of the courses will be different. Courses should be organized based on the requirements based on the characteristics of the communication between the listener and the teacher in the conditions of the telecommunication network. It is necessary to take into account general didactic principles of creating educational courses, psychological features related to information reception, ergonomic requirements, secondly, maximum use of opportunities created by modern information technologies and software tools of telecommunication networks.

Creating an information environment of the educational institution.

It is possible to connect all computer classrooms of higher educational institutions to the Internet and create an internet space of a higher educational institution working on a local network in a situation where it is not possible to use the information available on the Internet, including electronic educational literature. The Internet space to be created will consist of a series of information such as didactic portfolios for subjects, individual portfolios of teachers.

We will focus on the introduction of the educational system based on the new information environment in higher education institutions, the introduction of the Internet - the space of the higher education institution, the placement of electronic educational literature in it, and the description of the scientific and theoretical foundations of distance education forms and methods.

The development of new teaching technologies aimed at increasing the quality of students' fundamental training is also the main direction in the modernization of modern higher education institutions in a rapidly changing information society.

Not long ago, it was believed that computer technologies can be used mainly in organizations, banks or scientific research institutes. At the same time, there are different views and proposals for the concept of "informational education system". Based on the materials of the Internet Education Federation, the following definition can be given to it.

The information environment in the educational institution is a set of specially organized components that provide system integration of information technologies aimed at increasing the efficiency of the educational process. All the components that make up the information environment must guarantee its integrity, that is, it is such an integrated system that some of its parts not only complement each other, but also that it is impossible to carry out normal work without the organizers.

According to many people, in the field of using information technologies in education, the organization of independent work of students is considered one of the most promising directions.

It is known that educational materials are provided in various forms of recommendations, including sometimes textbooks that look at the studied phenomenon from different perspectives, a dictionary "dictionary" that allows you to get full answers to questions that arise in the process of mastering new topics at your discretion. System demonstration experiments and laboratory exercises in the study of natural sciences are among the needs that students need in independent study of an optional subject.

The order of using the above-mentioned elements in independent study and learning of materials is determined by the individual characteristics of each student.

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