

**System of Development in the Form of Distance Education - A Modern Teaching Method****Parmanov Abdulla Esanturdievich**

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**Abstract**

This article covers issues such as information on distance learning in the system of distance learning and preschool education, forms of distance learning, conditions of application, the organization of distance learning in foreign countries and the importance of distance learning. This article also details the challenges and benefits of distance learning.

**Keywords:** Distance learning, Internet technologies, education information, advanced training system, e-learning, mixed learning, adaptive learning, on-line (synchronous) teaching, off-line (asynchronous) teaching, public open online courses, pedagogical technology, educational information, e - textbook, adaptation, economic compatibility, variability, control.

The introduction of modern information and communication technologies in the educational process has led to the creation of a new form of teaching - distance learning, in addition to traditional teaching methods.

At the end of the twentieth century, humanity faced a series of problems. They are directly related to significant changes in the field of information telecommunications, in particular, the rapid development of information technology. New means of information and communication began to enter various spheres of education and production. The development of the global computer network of the Internet has led to the opening of new directions for the improvement of the education system around the world. First of all, the drastic changes in the technical equipment of educational institutions, the wide access to secular information resources have led to the need to use new forms and methods of teaching.

Given the noble goals of the full implementation of the "National Training Program", it is easy to see that today the need for the use of advanced technologies in every aspect of education is particularly relevant.

There is a growing need in our country to further increase the capacity of personnel, taking into account the ongoing reforms in the field, to regularly improve the professional competencies of managers of vocational education institutions, to develop knowledge and skills and to organize systematic training courses.

It is becoming increasingly clear that significant changes are taking place in the education system of our country. It is gratifying that a number of different forms of education, especially distance learning, are widely used.

Distance education is a new method of entering the education system in our country, and now this process is receiving serious attention and its foundations are being laid.

What is distance learning?

Distance education is a process of distance and interactive communication of listeners and teachers using the purpose, content, methods, teaching aids and Internet technologies of the educational process.

Distance education is a form of education based on the complex distance learning of all disciplines in the system of training specialists in a particular field, but the condition and time criteria for the learning process within the complex are not conditionally established. In order to fully and correctly understand the essence of this definition, it is necessary to bring it together with the definition of distance learning mentioned above.



Distance learning is the most important and increasingly popular form of modern education. Distance learning is a new modern form of teaching that develops the student's ability to think independently, assess the situation, draw conclusions. Teaches independent learning, research, thinking.

The advantage of distance learning is that everyone can learn in a convenient time, place, environment. Due to this, this system is gaining popularity in the world today.

If we look at the positive aspects of distance education, today many universities and large enterprises around the world use this method to improve the skills of professionals, saving millions of dollars a year.

There are also organizational and economic advantages of distance learning, such as the fact that rooms, boards, desks and other teaching aids are not required for teaching. The financial costs are mainly spent on the preparation of teaching materials and Internet traffic. Naturally, costs are reduced. The clearer and more detailed the teaching materials, the more useful they will be to the student.

- on-line (synchronous) training - real-time distance learning;
- off-line (asynchronous) learning - independent development of distance learning e-learning resources;
- practical training - organized in the form of practical training, laboratory work, seminar-training, interactive training with generalizing character;
- public open online courses (MOOS) are online courses that are widely available over the Internet

The following training technologies can be cited as recommendations for distance learning courses designed to implement the learning process in the form of short-term courses. In the distance form, short-term courses are provided in synchronous and asynchronous forms of the educational process:

- synchronous learning - real-time electronic learning. The means of organizing such training include video conferencing, chat, webinars and other means. The reading process based on such tools is done in real time;
- asynchronous teaching - in which teaching is carried out in the form of independent reading at different times that are convenient for each listener. In such training, students who are away from the educational institution are conducted independently on the basis of a single teaching material on the relevant curriculum.

In the process of studying in synchronous and asynchronous mode, according to the training sessions, students will have to perform current, intermediate control work on the modules at the appointed time.

It is also planned to prepare analytical conclusions based on the results of monitoring of students' mastery of the modules, the implementation of control work at the end of the process of independent training. At the same time, it is expedient to ensure the required level of study time, students' mastery, feedback quality as criteria for achieving quality learning outcomes.

Thus, distance learning courses in this form provide students with the essence of innovations in law, teach them the latest achievements in the field, improve their professional skills, develop skills to overcome systemic shortcomings and constantly improve the training of staff during their careers, timely theoretical and practical. can serve to ensure effectiveness in improving professional competence through the practical application of knowledge, skills and competencies.

In distance learning, the learner and the teacher are in constant communication with each other through spatially separated learning courses, forms of control, electronic communication and other technologies of the Internet. Distance learning based on the use of Internet technology provides access to the global information education network.

Distance learning provides an opportunity for all those who want to learn to continuously improve their skills. In such a teaching process, the learner learns independent teaching materials in an interactive mode, undergoes supervision, performs supervision under the direct guidance of the teacher, and interacts with other "vertical learning group" learners in the group.

Distance learning courses provided students with the opportunity to improve their skills in a pandemic environment without leaving work.

Distance learning system is a training system based on the conditions of distance learning. Like all education systems, the distance learning system has its own structural purpose, content, methods, tools and organizational forms.

Distance learning, communication between teacher and listener is carried out through computers, telecommunications devices and the Internet. During the training, the student downloads the training materials and assignments to his computer, sends the completed tests and tests to the teacher via the Internet or e-mail. In addition, the listener can ask questions to their teacher or tutor and get timely answers to them.

There are several technologies of distance learning and methods of their organization, which are widely used in the establishment and development of distance learning systems. These technologies can be conditionally divided into four groups:

- audio (ie) includes interactive technologies such as telephony, audio conferencing and shortwave radio;
- video, ie fixed static images (slides), animated (moving) images (films, videocassettes), real-time audio conferencing capabilities and animated images;
- Printed handouts (textbooks, manuals for modules, curricula, lecture notes and other additional documents);
- electronic data, it will be possible to transfer such data to another computer or computers.

Teachers involved in distance learning should focus on learning outcomes rather than information technology.

Distance education is a new method that is entering the education system in our country, and now this process is receiving serious attention and its foundations are being laid. In particular, the introduction of new forms of retraining and advanced training in the vocational education system, with the exception of traditional teaching methods, software-algorithmic my, which provides an individual approach to each student on the basis of innovative technologies and provides an objective assessment of learning outcomes. moqt.uz platform was created.

On the basis of the principle of "lifelong learning", along with the traditional direct training, the forms of continuous training "Independent training", "Alternative training" were introduced. portfolio system was introduced.

In today's information age and pandemic, it is important to form a system of distance education in higher education institutions.

Many countries use the modern ICT-based form of distance learning (MT) in the learning process to train quality personnel in the education system. The experience of the education system shows that the opportunities to radically improve the quality of staff through the transformation of the Internet and ICT in the learning process as a means of acquiring, storing, transmitting new knowledge and practical decision-making are expanding.

There is a rich experience in distance learning in foreign countries. In 1969, distance learning technology was formed at the initiative of the British Prime Minister G. Wilson, but distance learning took place much earlier, that is, during the formation of the first stable, regular postal service.

In addition, from 1858 onwards, they were allowed to study independently, to take examinations for academic degrees in all specialties and in all fields. Since 1938, the International Council for Distance Learning has been operating as an international educational organization known as the International Council for Distance Education since 1982.

The cost of distance learning in open universities is 8-10 times cheaper than in traditional institutes. In the UK, for example, it costs £ 3,000 for full-time study and only £ 300 for distance learning. Costs for building maintenance, equipment and laboratory, teaching, administration and maintenance staff will be reduced.

Training courses, lectures or seminars held at a university are broadcast on telecommunication channels in the form of synchronous television, video conferencing, radio broadcasting to remote classrooms where students gather. In doing so, one teacher works with a large audience of students at a time. According to this model, distance learning has been organized at the University of Wisconsin (USA), as well as at the Central Radio and Television University of China. The remote auditorium model can be widely used in teaching students all subject modules.

It should be noted that students are provided with advice through a network of branches, TV studios and computer networks. In the UK, the student preparation program includes 130 courses, many of which are interdisciplinary.

Distance education began to develop rapidly in the United States in the mid-1960s and in Europe in the early 1970s. This form of teaching is a goal-oriented interactive process of interaction between learners and teachers with each other and with teaching aids, while the learning process does not depend on their geographical and spatial location. The educational process consists of sub-systems, ie a specific pedagogical system, which includes elements such as the purpose, content, methods, tools, organizational forms, control, educational-material, financial-economic, normative-legal and marketing.

Distance education is a process that connects teachers and students located in different geographical regions, and interactions are carried out using special technologies. Different methods are used to communicate: the exchange of printed materials by mail or fax, audio conferencing, video conferencing, computer-based virtual conferencing. It is natural that those who live far from the university, do not have the opportunity to study, want to improve their skills, have disabilities and many other reasons, do not have the opportunity to study directly at the university, the demand for distance learning increases. The use of traditional methods of distance learning, individuals who are not able to study in a stable environment, whose opportunities are limited due to medical conditions, as well as students of retraining and advanced training courses, applicants wishing to study in educational institutions of foreign countries, create very favorable conditions for personnel wishing to pursue a second specialty.

There have been a number of successes and challenges in the creation of distance education. In particular, all professors and teachers, regardless of age, have the knowledge and skills to work with educational platforms, distance learning and its implementation, to register online without unnecessary hassle for students, to improve their skills without leaving work and residence, to save costs. and problems such as low internet speed, inability to fully control the training of students through video lessons, insufficient skills of teachers and students in video lessons, low efficiency of communication in the classroom. came

In order to effectively organize distance learning, a number of things need to be done:

- Organizational and educational work with students;
- Development of teaching materials for distance learning;
- Study and introduction of technology of educational materials used in distance learning;



It should be noted that today specialists are increasingly using the system of distance learning in advanced training. The advantage of this opportunity is determined by the fact that it does not require distance and time, the listener can do it at his own discretion, inseparable from the production.

In summary, distance learning is now widely used in the education system as a training mechanism that performs the task of developing the knowledge, skills and abilities of managers and specialists.

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