

BENEFITS OF USING EDUCATIONAL SYSTEMS DURING DISTANCE LEARNING

Вінницький національний технічний університет

Анотація

У статті розглянуто особливості всіх відомих навчальних систем, з'ясовано доцільність їх використання у сучасній педагогіці. Особливу увагу приділено застосуванню окремих елементів визнаних навчальних систем під час дистанційного навчання, оскільки воно буде ефективним за певних умов.

Ключові слова: освіта, розвиток, навчальна система, дистанційне навчання

Abstract

This article discusses the issue of all known learning systems, ascertain the feasibility of using them in modern pedagogy. Particular attention is paid to some elements of recognized learning systems can now be used in distance learning, as it will be effective under certain conditions.

Keywords: education, development, educational system, distance learning

There are several training systems that have been designed according to the requirements of the time. Individual education - the first educational system, founded in the ancient world. In the Middle Ages, children acquired knowledge by communicating with the teacher face to face. This form of learning is considered effective because the participants in the process have close contacts that facilitate timely editing [1].

At the end of the 18th and the beginning of the 19th century, the emergence of mass education was historically determined. This system was used simultaneously in England and India by the priest A. Bell and the teacher John Lancaster. Teachers taught their assistants (monitors), and they explained to less educated students [1].

Considering the individual capabilities of each student provides a system of self-study Dalton-plan, developed by teacher E. Parkhurst . The teacher needs to prepare individual tasks, hold consultations during their implementation, check the results of learning the material and create the necessary conditions for this [1].

The former Soviet Union tried to eliminate the shortcomings of the Dalton Plan by using a brigade-laboratory system. Unlike the American task received a group of students, the collective performance reported by the foreman. The grades were the same for everyone.

Professor of pedagogy Lloyd Trump (USA) combined individual, group and frontal work of students and created a more advanced system of independent work, called the Trump plan . Experienced teachers gave lectures to a large number of students (about 150 people), then under the guidance of an ordinary teacher in ordinary groups (up to 15 people) consolidated the teaching material, improved the study, working individually [1].

The system of complex training is based on the method of projects, which had a practical direction. By completing the tasks, participants gained some theoretical knowledge and applied it in practice. In the fight against the orientation of the "average student" there was a system of selective learning. Under the Batavian system (USA), the teacher works with the children as follows: first with all students together, and then individually with each. The Mannheim system is that children according to the results of tests and exams were distributed according to their abilities to level classes [1] .

1932 eye in our country was established by state class-task system group learning, Jan Amos Kamensky worked more than 400 years ago. Students learn the material in accordance with the curriculum, programs in adult groups of children of the same age (classes) during lessons according to a certain schedule. At the end of the school year, students take exams in individual subjects [1] .

In our opinion, it is expedient to use the following educational systems during distance learning, which has recently become necessary according to the requirements of society: individual learning, mass learning, Dalton plan and group learning.

Modern information technologies contribute to the improvement of the educational process, so distance learning is increasingly used to acquire knowledge. Distance learning is a way of organizing the educational process using computer training programs for various purposes and creating with the help of modern telecommunications information educational environment for the transfer of educational material and communication.

Distance learning has its own characteristics: flexibility - learning at a time convenient for the pupil, student, listener; simultaneity - learning takes place without separation from production; number - you can attract a large number of people, collect and use a lot of different information; manufacturability - to learn remotely, it is necessary to have the achievements of information technology; independence - people of different social status, state of health, place of residence can get distance education; constant professional improvement of the teacher - according to innovations the teacher should be acquainted with all innovative technologies; independence - a student who is a participant in the distance educational process, in order to acquire knowledge, develops the ability to organize learning independently, and the effectiveness of this process largely depends on the student; creativity - access to non-traditional sources of information provides completely new opportunities for creative growth, acquisition of various professional skills; efficiency - without using training facilities, you can save money; accessibility - free access to educational materials [2].

The most effective is individual learning, which is that the teacher works with one student. This type of online training is effective because the communication takes place face to face. The modern option is tutoring of various kinds, starting with mastering the school program and ending with the development of creative abilities, improvement of the inner world, building relationships.

Individual training requires from the teacher a high level of professional training, the ability to answer questions in a timely manner. Communicating on the principle of "one to one", the teacher can fully reveal the essence of the educational material, immediately make sure that the student understood it through a simple conversation, or online testing, or creative task.

The self-learning system developed by the American teacher E. Parkhurst Dalton-plan is also appropriate to use during distance learning in those conditions when the learning materials have already been mastered. The teacher develops individual tasks, gives advice during their implementation. This system has gained popularity today. E-learning courses are quite effective because they expand the possibilities of traditional learning, create conditions for diversification of the educational process, encourage an increase in motivation to learn, stimulate intellectual development, improve independent work. During such online classes you can not only gain experience in a particular field, but also gain a new profession. The main condition for the effectiveness of such training is that the "student" must be responsible for the tasks: to do everything yourself. Therefore, there are cases when a person has certificates of different courses, and can not use the knowledge in practice, because he did not work independently. The system of self-study during distance learning will be effective for those who are interested in high results, who are self-improving, who will try to use the acquired knowledge in life.

In the modern world quite popular during distance learning is the Bell- Lancaster system, the elements of which are used in webinars, seminars. A large number of "students" join the online lesson in order to improve their knowledge. Unfortunately, during the webinar, advice on a particular issue can only be obtained via chat. Such mass lectures are effective if the topics are available to the average listener, if they are prepared and conducted by highly qualified specialists, if there are people on the ground who are knowledgeable in this field and can give sound advice or tips.

In 2020, not only Ukrainian educators were forced to adapt to new conditions of work with students. Today's requirements have encouraged teachers to master modern technologies. Traditionally, the classroom system of group learning during distance learning continued to operate. The effectiveness of such training depends on many factors: the level of technological support of all participants in the process; from ICT literacy of the teacher; from the presence of coordinators, assistants. Although the number of participants is limited, although the organization of the learning process is clear, the group learning system is not effective during distance learning, because not everyone in the group (class) is able to self-organize, it depends not only on age but also on mental state. The presence of a teacher in the classroom is a significant motivator for many students to learn.

Distance learning is developing very fast, because it is facilitated by the development of the Internet. However, remote technologies introduced into the educational process require more careful practice of methods of learning, analysis of factors of influence, improvement, feedback [2] .

Over time, the distance education system will occupy one of the first places in the education system, but, as practice shows, will be only ancillary, not basic.

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Сугак Дарина Сергіївна - студентка групи ІКН – 20м, факультет інформаційних технологій та комп'ютерної інженерії, Вінницький національний технічний університет, Вінниця, e-mail: goodflo99@gmail.com

Ярошук Мирослав Сергійович - студент групи ІКН – 20м, факультет інформаційних технологій та комп'ютерної інженерії, Вінницький національний технічний університет, Вінниця, e-mail: krystalsilver@gmail.com

Науковий керівник: **Мельник Олеся Дмитрівна** - кандидат філологічних наук, доцент кафедри іноземних мов, Вінницький національний технічний університет, м. Вінниця, e-mail: prysyazhnalesya@gmail.com

Sugak Daryna - Department of Information Technologies and Computer Engineering, Vinnytsia National Technical University, Vinnytsia, email: goodflo99@gmail.com

Yaroshchuk Myroslav - Department of Information Technologies and Computer Engineering, Vinnytsia National Technical University, Vinnytsia, email: krystalsilver@gmail.com

Supervisor: **Melnyk Olesya** - Candidate of Philology Sciences, Docent of English, the Foreign Languages Department, Vinnytsia National Technical University, Vinnytsia, email: prysyazhnalesya@gmail.com