

### Forming Creative Thinking of the Teacher in Teaching Students in Information Technology

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#### ABSTRACT

In this article, the formation of the teacher's creative thinking in teaching information technology to students, the effectiveness of the use of modern innovative technologies "video lessons" in medical education in improving the quality of education, the development of education based on modern ICT and software tools and practical application improvement of its application, aspects that should be taken into account are disclosed.

In medical education, certain experiences have been collected on increasing the effectiveness of using modern innovative technologies "video lessons" in improving the quality of education, the development and practical application of education on the basis of modern ICT and software tools is an urgent issue.

Therefore, taking into account the obsolescence of traditional methods of teaching, the use of "video lessons" in education using ICT and software tools and based on observations and analyzes will be achieved.

In our observations in this direction, it became clear that in the process of mastering subjects using the Internet: one category of students fully and deeply master the subject, while the other category of students, on the contrary, cannot study to the required level. it became known.

Because, in order to choose the optimal internet information about science, it is necessary to see and study literature for a long time. The situation that has arisen requires the student and the teacher to work together more individually after the lesson.

On the basis of the given instructions, the following research works were carried out by us in 2 directions in the sciences related to information technology:

- 1) scientific research on the application of computer technology to the disciplines of

medical education;

2) scientific research in the direction of applying information technology to the social and medical spheres.

The main goal of our research work was to teach students to be able to work independently in the conditions of the information-educational environment that is growing day by day, to effectively use modern information technologies in the fields and to use information flow wisely.

In the conditions of modern education, increasing the independent work and learning activities of students of higher educational institutions, developing their creative abilities requires the use of advanced innovative pedagogical technologies and new generation electronic video educational literature. At the same time, the introduction of information and communication technologies today requires the development of new forms and means of knowledge transfer. One of these forms is the teaching of subjects by means of electronic educational resources. Teaching with the help of electronic educational resources is referred to as computer teaching technology in pedagogical literature.

The following opportunities are created for students when using electronic video textbooks:

- students using computer technology are great they manage to complete a number of tasks quickly, save time spent on analyzing solutions and their graphical interpretation;
- provides an opportunity to do independent work in front of the computer;
- students' knowledge is quickly and effectively controlled and evaluated on the basis of a computer test.

An electronic video textbook is a software-methodical guide that helps a student to independently master educational materials and to look at a large amount of information and do more practical exercises, drawing attention to the essence of the subject. allows to perform. Electronic video textbooks cannot replace traditional teaching methods, but in addition to them, they create the basis for students to work effectively with practical examples and problem sets. The goal of creating modern electronic video textbooks is to reflect the advantages of using video textbooks in medical universities, as well as to widely use the possibilities of modern information and communication technologies and multimedia tools.

"Video lesson". It could be called something else, or it conjures up a lot of imagination. Now let's explain the process, and then we will discuss how to name it.

A lot of advanced educational technologies are used in the classes conducted in higher education institutions that train specialists in all areas. It is no secret that these technologies are being used to further strengthen students' knowledge and improve the quality of learning. However, experience has shown that some advanced pedagogical technologies are effective in teaching humanities.

Recently, there is a need to develop a specific technology in the teaching of technical sciences. In order to avoid such complexity, there is a need to repeatedly study the information or to hear and review the information given by the teacher many times. In practice, this is not possible. "Is there independent learning?" - you can say. True, but independent education is a separate topic. Such problems can be solved using today's modern information technologies. "How?" - you say? The solution is very simple! Explaining the new topic of the professor's lesson and recording the question-answer part of the topic on video. Distribute the resulting video file to students.

Students can reinforce this video lesson by repeatedly watching it on their mobile device or on their personal computer. It achieves more mastery than if you only hear it once in a lesson. Human physiognomy is engaged in analyzing the information of a new subject for 15 minutes after listening to it. During the analyzed time, he passes the new information given by the teacher with slower attention. As a result, the efficiency of the students' complete mastery of the new subject will be lower. Rewatching the video lesson reinforces knowledge, answers the questions from the teacher during the lesson. The video recording of each lesson will make the students to listen to the entire subject again and again to strengthen their knowledge.

We would like to tell you a little secret: during the training session, we tried this method independently in a small group as a test. The result is almost perfect! In conclusion, we want to say that by creating a video file of each topic of each subject in this way, we create a video archive of lessons.

For self-paced video lessons, the teacher comes well-prepared, the lesson avoids excessive noise. In the end, a high-quality video lesson will appear, in modern terms, an "offline video lesson".

The topic of independent work was briefly emphasized in our thoughts above. We must clearly imagine that it will be difficult to achieve our goals in the future without making changes that will have a radical and positive explosive effect on the widespread introduction of modern ICT in all spheres of the economy and in our daily life. In a short period of time, we need not only to eliminate the existing shortcomings in many types of information services, but also to join the ranks of advanced countries that have reached a high level in the introduction of information and communication technologies."

It is of great importance in science, education, technology, television, telecommunications, natural growth, and medical-biological analysis with the help of modern information and communication technologies. In all fields, video tutorials help not only to study, but also in medical fields to choose appropriate measures to maintain and strengthen human health.

## **CONCLUSION**

The conclusion is that it is possible to analyze the use of technical devices in medicine with the help of computer programs. One of the best tools for learning these programs is online video tutorials.

Most students will be able to use computer programs independently and practically after watching this video tutorial.

In the 21st century, in the age of information communication and IT technologies, the form of lessons and independent work in the form of video textbooks will not only increase the efficiency of the educational system, but it will undoubtedly provide our country with high-quality specialist personnel.

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