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ORGANIZING TEACHING PROCESS USING LOCAL COMPUTER NETWORK

Abstract: The ideas about organizing teaching process using the local computer network with the help of case method in this article.
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Introduction

Using modern pedagogical technologies and information and communication tools in the educational-training process is put on the agenda as a period's requirement and a social necessity in order to increase the effectiveness of the educational process, to form strong theoretical knowledge, activities, skills and abilities of students, to ensure turning them into professional skills.

Nowadays, using effective teaching methods in the educational process at the educational institutions, increasing the quality of education for students, improving its content and essence, organizing education at the level of modern requirements are considered important.

Lessons which are used modern technology, are directed to give opportunity to students (or pupils) to independently explore and analyze the knowledge which they have being acquired, and even to conclude their own conclusions [1, p.15].

Modern methods include interactive methods. The essence of interactive teaching organizes the cognitive process in such a way that all students are involved in the learning process and have the opportunities to think freely, analyze and think logically.

In the learning process, the joint activity of students means that the individual contribution of each of them in a specific relationship, the exchange of mutual knowledge, ideas and methods of activity. Together with this, all of them is carried out in the environment of mutual goodwill and support. This, in turn, not only provides an opportunity to acquire new knowledge, but also develops the cognitive activity itself [2, p.56].

Educational institutions need to teach students to use technologies which are directed to independent learning and constantly increase their activity. Organizing the educational process using computer technologies and information and communication tools impacts positively to the effectiveness of education.

The development of information and communication technologies in the world requires its effective use in education. The introduction of modern information and communication technologies and tools into the educational process is the basis to be created teaching with computer-assisted learning in addition to traditional teaching methods.

In general, the purpose of teaching with computer-assisted learning is as follows:
- Satisfying the need of students for education.
- Ensuring a level of new fundamental education while maintaining the quality of education.

The introduction of computer-assisted learning in educational institutions comprehensively gives many benefits. All conditions exist for implementing it in the higher education system. All higher education

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institutions (HEIs) are well equipped with computers, information and communication technologies. The widespread introduction of these technologies in the education system will help to solve many problems which are facing at universities in time.

Nowadays, there is a need to train mature, intelligent and well-educated personnel in this field. Using network technology in the educational process gives high effective in increasing the knowledge of students of higher education institutions on the use of information and communication technologies.

As we can see, network education implements two approaches to teach: individual and personal.

Individual education is considered model of the organization of the educational process which the teacher interacts with only one student, taking into account his or her personal characteristics, creating psychological and pedagogical conditions for his or her development. This model assumes the presence of teacher or leader who builds teaching trajectory for the student (listener, learner). The advantage of this teaching is that it allows them to adapt the content, methods and temps of the student's learning activity to his or her characteristics.

Personal teaching is considered the attitude of the student to his or her education, namely, awareness of the need to learn a particular subject to obtain preferred information for themselves [3, p.32].

NetSupport School is considered one of the modern programs which gives high opportunity to work in teaching computer classrooms under the control of teacher's computer using a network [4].

It has the following opportunities:

-starting and completing to work the student's computer;

-ensuring that students in network work computers in separated small groups;

-sending file and assignments to any student's computer;

- creating opportunity for students' computers in order to use internet websites and controlling it when necessary, stopping to work.

There are a number of similar opportunities. The teacher downloads this NetSupport School program in his or her computer and carries out it using its commands.

The teacher can send case studies on the topic to the students' (pupils') computer during the consolidation phase of the lesson in explaining the theoretical material of the topic through the network. Firstly, the teacher divides the students' computers into small groups on the network. Then teacher gives case study to each small group.

Case technology has been researched using opportunities of it in the teaching process by E.S. Gaydamak, A.S. Zemskova, A.A. Abdukodirov, M.A. Ganiyeva, D.M. Fayzullayeva[5,6,7,8,9].

However, scientific researches have been not studied sufficiently on the use of case technology in teaching with the help of local computer network at all levels of the continuing education system.

Case method is considered the closest to playful and problem-solving method. If we emphasize the relationship between the case-method and problem-solving method, then Yu.P. Surmin [10, p.51] cites several aspects of their interaction:

- the case method assumes that there is a tight descriptive problem of the situation, and the case method itself is often reduced to problem expression and multivariate analysis;

- the problem in the case method is much more obvious than in the problem-based teaching method.

Using case technology in teaching students of higher education institutions using a local computer network is very important to know its content and essence. Using of it in education is considered one of the increasing ways of the effectiveness of the educational process.

Using case technology in teaching with the use of local computer network helps students to become more active, creative, independent in the process of acquiring information and to achieve the full realization of educational goals.

In conclusion, using case technology in teaching students with the use oflocal computer network provides the following achievements:

- The student creatively thinks and studies the opportunities of the modern NetSupport School network program;

- Mastering, activity and independence are formed in the process of acquiring;

- The student has opportunity to deeply study the essence of case technology;

-The student has notion that using case technology in the teaching of subjects in informatics can increase the effectiveness of the lesson.

The students' knowledge, skills and abilities will increase by using the method in lesson. The worldview about methods is expanded. It helps students to improve knowledge in this area.

Nowadays, giving great attention should be required to the fact that modern specialists in higher education should not only study theoretical knowledge in depth, but also they become skillful specialists who are able to communicate, think independently, and have a thorough knowledge of their field at higher education institutions. Therefore, it is advisable to recommend the following proposals:

-Even though the principles of using case technology in the lessons were analyzed and practical recommendations were developed, using case technology in teaching with the help of using the local computer network in all parts of the education system, using it in teaching subjects in field of informatics has not sufficient degree in todays. The role of the local computer network in education is considered unique, and the scope of research works in this field needs to be used in practice.

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