

FORMING BLOCK CONTENT “USAGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE EDUCATIONAL PROCESS” ON THE BASIS OF MODERN INFORMATION TECHNOLOGIES

Jumanazarov Sirojiddin Salaydinovich

Tashkent City Regional Center of training and retraining
the personnel of public education, PhD, Tashkent, UZBEKISTAN

ABSTRACT

In this article are considered the issues of formation block content of the using information and communication technologies in the educational process directing personnel of public education to innovative activity.

Keywords. Innovation, innovative process, information technology, educational-methodical complex.

INTRODUCTION, LITERATURE REVIEW AND DISCUSSION

In this article we will consider the basics of forming the content of the educational blog "Usage of information and communication technologies in the educational process" in preparing listeners for innovative activities on the basis of modern information technology.

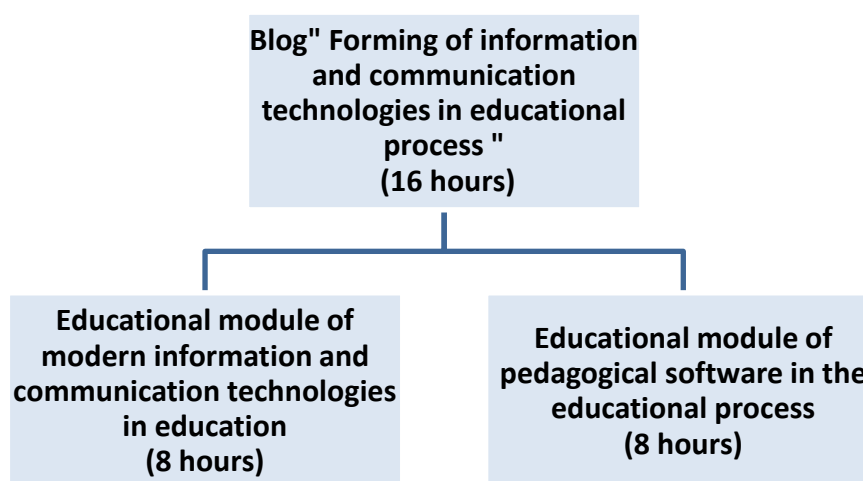
The large-scale reforms implemented in our country during the years of independence have become an important basis for strengthening national statehood and sovereignty, ensuring security and law and order, the rule of law in society, human rights and freedoms, an atmosphere of national harmony and religious tolerance, to acquire a profession, created the necessary conditions for the realization of the creative potential of our citizens.

Decree of the president of the Republic of Uzbekistan on measures for the further improvement of the system of training of pedagogical personnel, retraining of personnel of public education and their professional development "dated September 26, 2017 № pp-3289 and № 1026 of the Cabinet of Ministers" on measures for the organization of retraining and professional development of pedagogical personnel "dated December 28, 2017 According to this decree of the Cabinet of Ministers, the following tasks were assigned to the Regional Center of training and retraining the personnel of Public Education [1]:

- coordination of the formation of the educational and methodological base of retraining and advanced training courses for teachers of preschool, general secondary and out-of-school educational institutions and the implementation of organizational and methodological guidance;
- ensuring the systematic improvement of curricula and programs of retraining and training courses, taking into account the widespread introduction of modern pedagogical and information and communication technologies in the educational process;
- coordination of fundamental, practical and innovative scientific research directed to the scientific problems of the processes of retraining and professional development of pedagogical employees of preschool, general secondary and extracurricular educational institutions;

- continuous development of professional training of professors and teachers teaching in regional centers, Organization of work on attracting foreign specialists, scientists and teachers to the educational process;
- regular study of the results of the activities of regional centers and development of relevant proposals on the results of the study;
- Organization of discussion of reports of heads of regional centers on effective organization of activities of retraining and qualification improvement courses, evaluation of activities of heads of regional centers on the results of discussion.

For all areas of professional development in order to ensure the performance of the above mentioned tasks, the training modules of the blog "Forming of information and communication technologies in educational processes" are listed below:



1-picture. The structure of the blog"application of information and communication technologies in the educational process"

In order to create an educational-methodological complex for educational modules of the block "Forming of information and communication technologies in the educational process" in the system of qualification, the following should be given importance.

1. Taking into account the fact that the disciplines in the direction of Information Technology in the current period of world experience are becoming more dominant in human life, it is necessary to create a new generation of special educational and methodological complexes for the listeners of the system of professional development with a differential approach to their characteristics. That is, according to the principle of transition from simple to complex, in order to ensure continuity in the system of professional development, it is necessary to create special programs and educational-methodical complexes corresponding to each of the directions of Education.

2. The creation of a single educational-methodical framework that can be used in a way that is understandable for all educational directions of professional development on the subject of the block-module "Forming of information and communication technologies in the educational process" is a difficult task from a practical point of view. Therefore, it is necessary to create from this science educational and methodological complexes that meet the general requirements of the state, complement each other. After all, so far, in the system of professional development of educational and methodological complexes created from this educational module, almost the same content is taught. This manifests itself as the result of the fact that the materials being taught are based on the principles of a differentiated approach from simple to

complex. In addition, the educational and methodical complexes should be created in the direction of the system of professional development.

3. Taking into account the constant development and scale of information and communication technologies, it is an extremely wrong idea to train and improve the skills of the audience only through educational and methodological complexes. From this point of view, programs and educational-methodological complexes *davriy* should be updated, in accordance with the purpose of adapting the scientific work of pedagogical scientists working on certain topical and ideological problems to the educational program. It is also necessary to expand the use of visual means, multimedia, advanced achievements of information and communication technologies in the teaching of this science.

4. In the process of teaching the block-module "Forming of information and communication technologies in the educational process", it is necessary for listeners to develop more free, creative thinking skills and skills, to understand ideological issues of their field, to implement them into practice, to generalize world experiences in foreign countries, to translate materials related to Information Technologies. After all, the study of foreign experience in professional development plays an important role in the direction of innovative pedagogical activity of the audience..

5. Dynamic changes in the content of disciplines in the direction of Information Technology in general necessitate constant updating of educational programs, and, accordingly, changing educational and methodological complexes in the system of rapid improvement of qualifications. Therefore, the creation of new ones instead of morally obsolete educational-methodical complexes should be a priority direction of reforming the educational system at the present time.

Well, what is the content of teaching educational modules in the field of information and communication technologies in the system of professional development today, what are the pedagogical problems in this area. During the research work, the same issues are analyzed scientifically and pedagogically.

Currently, a number of positive works are being done on retraining the personnel of public education and raising the quality of education in the Regional Centers for their professional development. In particular, educational-methodical complexes, which are considered important in improving the quality of education and in the formation of innovative pedagogical activity of the audience, are created on the basis of the needs of the audience in accordance with modern requirements.

As is known [2], teaching methodology is a set of instructional documents and teaching aids required for a complete and qualitative study of a particular science or course.

The educational and methodological complexes created for the system of professional development of personnel of the system of public education should meet didactic, methodical and technical requirements, as well as meet the following general requirements:

- compliance with the program of the subject being taught;
- orientation towards the listener personality;
- motivating the audience to innovative pedagogical activity;
- prepared using information and communication technologies;
- intended for independent training of the audience.

Each educational-methodical complex should reflect the content of a particular subject and should focus on the development of information and communication technologies of the

audience. To do this, it is necessary to adhere to a certain logical sequence of learning in accordance with the existing knowledge, skills and qualifications of the audience.

It is recommended that the content of educational and methodological complexes be determined on the basis of the following requirements:

- focus on the requirements of the modern teacher of the modern school;
- embodiment of universal values, oriental reality and national identity typical of our country;
- to strengthen the independence of our country, to integrate the ideas of national independence, to educate the sense of patriotism;
- the presence of theoretical data, laws and concepts of scientific and practical significance;
- parallel in the fan link and the presence of harmony based on a certain logical, consistent sequence;
- taking into account the characteristics of the directions of training of listeners;
- the terms used, the definitions of concepts, the expressions of laws, the interpretations of events should correspond to the terms adopted and popularized in practice in science;
- coverage of the potential and achievements of the Republic in the socio-political sphere.

The educational and methodological complexes created for the system of retraining and professional development of the personnel of public education are also reflected in the above recommendations and created on the basis of a certain didactic, methodological and technical requirements [3,4].

Proceeding from the above, we can bring the following didactic, methodical and technical requirements for the creation of educational and methodological complexes in the system of professional development personnel of public education. Didactic requirements are as follows:

- accuracy of the set goal;
- compliance with the set goal and expected result, that is, the result is guaranteed;
- modernity of the materials given, based on scientific knowledge;
- based on a modular approach;
- compliance of educational-methodical complex with the directions of professional development;
- compliance of the content of materials with the training program and in a clear sequence, systematic submission;
- Reflecting scientific achievements in the field of Science in the Republic and abroad.

The methodological requirements are as follows:

- Motivation of development of audience competences;
- orientation of the audience towards innovative pedagogical activity;
- implementation of active pedagogical technologies;
- clear presentation of theoretical knowledge and basic concepts;
- ability to draw conclusions and self-control;

Focusing on developing students' skills and competencies in studying the situation, analyzing it, and developing solutions of problems.

The technical requirements for the creation of educational and methodological complexes are as follows:

- possession of modern science-appropriate design using computer technology;
- to be educational-methodical majmua qualitative and attractive;

- combination of images and drawings with text;
- In the creation of educational and methodological complexes on educational modules in the direction of Information Technology in the qualification development system, special attention is required to the following factors:
 - areas of professional development;
 - possibilities of using information and communication in professional activity;
 - qualification category, knowledge and experience;
 - the needs of the audience in this subject;
 - level of awareness of active pedagogical technologies;
 - activity in carrying out innovative pedagogical activity in professional activity.

These factors are formed as a result of a study of the needs of audience in the process of professional development before the creation of educational and methodological complexes, training seminars in basic schools and cooperation with city and district methodologists.

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