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FORMATION OF THE CONTENT OF THE EDUCATIONAL-METHODICAL COMPLEX "INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION" IN THE SYSTEM OF PROFESSIONAL DEVELOPMENT

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Abstract

The article deals with the formation of the content of the educational and methodological complex in the direction of innovative activities in the process of professional development of public educators. The content of practical training in the organization of the educational process in accordance with the working curriculum, the principles of "simple to complex, practical application of theoretical knowledge" were followed.

KEYWORDS: *Educational-Methodical Complex, Educational Program, Interactive Educational Methods, Innovation, Theoretical And Practical Training*

INTRODUCTION

The widespread introduction of advanced pedagogical and information and communication technologies in the educational process, as well as innovations in the education system are one of the main criteria for increasing the effectiveness of education. This makes it necessary to update the educational and methodological complexes used in the system of self-training, as well as to form them in accordance with modern requirements.

Educational-methodical complexes mean a concept that represents a set of didactic tools used in the educational process [1].

What is the content of teaching training modules in the field of information technology in the system of professional development today, what are the pedagogical problems in the creation of educational and methodological complexes in this area. The following issues are analyzed from a scientific and pedagogical point of view.

Main part:Currently, the regional centers for retraining and advanced training of public educators are working effectively to create educational and methodological complexes aimed at the formation of innovative pedagogical activities of listeners, combining the latest achievements of information and communication technologies. In particular, educational and methodological complexes, which are important in improving the quality of education and the formation of innovative pedagogical activity of listeners, are created in accordance with the requirements of the time based on the needs of listeners [2-5].

These educational-methodical complexes were formed as a result of the study of the needs of listeners in the process of professional development on the basis of surveys, educational-practical seminars in basic schools and cooperation with mentors in the field of science.

Here we consider the content of the educational-methodical complex "Information and communication technologies in education."

The working curriculum is based on the basic curriculum of the in-service training course for public educators and teachers, which describes the goals, objectives and requirements for the knowledge, skills, competencies and competencies of the trainees in the module. The curriculum takes into account the organic sequence of topics and the existing knowledge of the audience on information technology in the creation of educational and methodological complex. Therefore, the program is given not only basic concepts about information technology, but also provides for a complete acquaintance with its technical tools and the formation of skills for working in them.

Interactive learning techniques used in teaching the module. One of the main criteria for directing listeners to innovative pedagogical activity in the teaching of this educational module is the appropriate and effective use of interactive educational methods in the teaching of training. The educational-methodical complex includes the proposed interactive teaching methods and their descriptions in the teaching of the educational module.

Useful interactive teaching methods in teaching the module. One of the main criteria for directing listeners to innovative pedagogical activities in the teaching of this training module is the ability to use interactive teaching methods in the classroom. The educational-methodical complex contains the recommended interactive teaching methods and their descriptions in teaching the module.

Theoretical training materials (2 hours). The educational-methodical complex is created in a methodologically coherent sequence, ie the content of the theoretical material is presented in a logical sequence and the essence of the topic is revealed through the basic concepts and theses.

It fully covers the knowledge and skills that need to be conveyed to the audience on the topic. The topic of the training module is "Modern information and communication technologies in education" for 2 hours.

Practical training materials (6 hours). The practical training of this educational module consists in the development of competencies of the listener to effectively use information and communication technologies in their professional work and the preparation of electronic and didactic materials in innovative pedagogical job. The content of practical training In the organization of the educational process in accordance with the working curriculum, the principles of "simple to complex, practical application of theoretical knowledge" were followed. It is

advisable to perform tasks based on the direction and characteristics of the profession in the conduct of practical training. Therefore, the main focus is on the formation of practical skills. The following is the content of the practical training: In the educational-methodical complex the theme "Creation of educational materials with the help of practical programs" is designed for 2 hours, the main purpose of which is to develop the skills and abilities of listeners to create educational materials using practical programs. The theme "Use of multimedia technologies in education" is also designed for 2 hours, and the purpose of the lesson is to develop listeners' skills and abilities to use multimedia technologies. In addition to developing the knowledge of multimedia tools needed in their professional activities in the process of professional development of personnel of public education, it is also necessary to develop students' skills and abilities to use the Internet, its capabilities and Internet educational resources in the educational process. The theme of the Internet and its services is to develop students' skills and abilities to use Internet resources and their services.

Bank of Cases. In the course of the practical training, the tasks of the listeners to study the situation, analyze it and solve the problem using the case study method are presented in tabular form.

Independent study topics. Topics of independent study are presented in order to further develop the knowledge of listeners on the training module, the independent use of Internet resources in their professional work and the formation of qualification paper, as well as the preparation of presentations. These independent learning topics almost covered the materials in the training module.

Glossary. In the materials of the training module there are Uzbek and English explanations of terms, which are used a lot and come as a base phrase.

The list of used literature contains a list of used and recommended literature and electronic resources for this module.

CONCLUSION

In ensuring the quality of the educational-methodological complex, it is recommended to take into account the relevance of the topics, their compliance with the requirements of the state and the needs of the educational system, the ongoing socio-political and democratic changes in the country, priority issues of reforms in the areas of economic, legal and other spheres, as well as the latest achievements. This determines the position of the educational module in education to acquaint the audience with information and Communication Technology in education, its application in practice and thereby ensure the effectiveness of Education.

The following recommendations on the organization and conduct of training on the basis of the educational-methodological complex "Information and Communication technologies in education" in the process of qualification development of regional centers are referred to:

- carrying out in education in the form of theoretical and practical training of modern information and communication technologies module;
- to give information about modern information and communication technologies;
- to teach the use of technical tools and practical applications.

The following recommendations on the organization and conduct of training on the basis of the educational-methodical complex "Information and Communication Technologies in Education" in the process of professional development of regional centers are presented:

- Conducting modules of modern information and communication technologies in education in the form of theoretical and practical training;
- Providing information about modern information and communication technologies in education in theoretical training;
- To teach the use of technical means and practical programs in practical training.

It is recommended to use the following forms of teaching in this educational-methodical complex:

- lectures, practical classes (understanding of information and technology, developing intellectual curiosity, strengthening theoretical knowledge);
- round tables (to increase the ability to make proposals on the solutions of the tasks under consideration, to hear, to perceive and to draw logical conclusions);
- discussions and discussions (provide evidence and substantive arguments on assignment solutions, develop the ability to hear and find solutions to problems).

The content of the educational-methodical complex is inextricably linked with the curriculum modules "Educational technologies and pedagogical skills", "Specialized disciplines" and "Pedagogical software in education" to increase the level of formation of innovative training of listeners in the training process.

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