DEVELOPMENT OF THE COMPETENCE OF THE SCIENCE OF TECHNOLOGY

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Annotation: this scientific article explains the content of the development of software of general and specialized science classes in the development of knowledge, skills of the future teacher of technology science. It is covered that software learning tools are one of the promising forms of increasing the effectiveness of the educational process.

Keywords: science of Technology, general medical, specialty science, educational process, types of software educational tools.

Software education by means of training opens up opportunities for future teachers to turn to unconventional sources of information, increases the efficiency of independent work and provides ample opportunities for engaging in creative activities. The software allows the teacher to use various forms of teaching and their complex, that is, to establish the necessary educational environment, so that educational tools can realize the laid methodological goals. When using the software educational tools of teaching, the teacher will be able to make changes and additions based on the conditions of computerized teaching and control programs. As a result of the use of programmed educational tools of teaching, based on the use of an automated educational and Information System, teachers will not only increase their level of information support, but also have the opportunity to use information totals almost all over the world.

Software educational tools are a didactic tool designed to partially or completely automate the educational process using computer technology. They are considered one of the promising forms of increasing the effectiveness of the educational process and are used as a means of teaching modern technologies. Pedagogical programmed tools are created using programs that carry out effects such as dynamic illustrations, voice processes, animations. Software learning tools are divided into the following types:

educational programs;
test programs;
exercise machines;
programs that form a virtual learning environment with the participation of a teacher

Software education tools include: programmed (set of programs), technical and methodological support, additional auxiliary tools aimed at achieving specific didactic goals in educational science. The future science of technology differs from other academic disciplines in its peculiarities as a single educational science, which forms the knowledge, skills and abilities of its students in certain areas of production. Technological education direction in higher educational institutions educational training is carried out in special auditoriums, in the field of educational experience, at production enterprises. In the process of these activities, socially useful products of a certain value are created and the qualities of a person who is in the profession are formed. Professional owners operating in today's market economy are required to compete, adapt faster to the environment. From this point of view, the content, goals and objectives of the educational process of professional training of future students of technology have changed, technology education has gained priority, the vocational guidance system has been updated, a number of didactic tasks have been solved. The tasks of disciplines are put and solved at different levels as the content of the tasks of professional disciplines is in a complex dialectical dependence. The most important task of future students of technology science is to form a positive attitude towards work and the profession in students. This task, which applies both to educational processes and to the extracurricular activities of the entire pedagogical team, is carried out by all educational subjects of beistisno. The fact that physical activity in the learning process is associated with mental activity makes it necessary for students to design items, develop technology for their preparation and solve a number of other creative tasks. Thus, the activities carried out in technological education are carried out together with the activity of thinking, which allows the mental development of future teachers. Today, the presence of the following imbalances and contradictions in the professional training of the future teacher of technology in

ISSN 2277-3630 (online), Published by International journal of Social Sciences & Interdisciplinary Research., under Volume: 11 Issue: 12 in December-2022
https://www.gejournal.net/index.php/IJSSIR

solving his scientific, theoretical and practical, material technical, socio-pedagogical problems, reforming its traditional content is noticeable:-with the changes taking place in the socio-economic and political sphere, the inconsistency of the complex provision of scientific-methodological, pedagogical and material-technical perspective requirements of; - scientific, technical and creative circles, advanced production technologies are not sufficiently reflected in the content, tools and methods of the modern economy and new forms of economic activity; - professional disciplines in the content, purpose, Form, tools and methods of the present day, the lack of reflection of the national ethnic, territorial-historical characteristics of our Republic and the criteria for Oriental thinking; - the lack of; - promising areas of technological education in higher educational institutions are the imbalance of professional qualification levels.

The above points and contradictions are considered the main reasons that lead to the need for a radical renewal, reform of professional education. The observations made showed that at present in higher educational institutions of the Republic there is not enough attention of students to professional disciplines. The main reason for this is that the existing programs of their preparation for labor are not able to satisfy the requirements and interests of the younger generation, which are growing in the current conditions.

The problem of improving the system of training future teachers of technology science becomes of particular importance in the process of training highly qualified specialists in the system of continuing education. The development of the scientific and methodological foundations of this problem allows the effective organization of the process in which the development of software educational tools is recorded on the basis of their theoretical and practical basis, as well as a systematic approach to improving the professional training of teachers of Technology Science. The procedure for using computers in the process of the formation of their professional activities consists of tasks that form and control teaching skills. Software educational tools are important for the presentation of an editor, as well as practical classes, in order to ensure exhibitionism, to prepare visual materials (lectures) aimed at organizing topics in an understandable way.

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ISSN 2277-3630 (online), Published by International journal of Social Sciences & Interdisciplinary Research., under Volume: 11 Issue: 12 in December-2022
https://www.gejournal.net/index.php/IJSSIR