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Annotatsiya: *Maqolada Ta'lim tarbiya jarayonini yanada takomillashtirishda ta'lim mazmunini isloh qilish, uni jahon ta'lim standartlariga muvofiqlashtirish katta ahamiyatga ega. Shu ma'noda ta'lim mazmunini va tarkibiy tuzilishini tanlash amaliy ahamiyatga ega bo'lgan murakkab masaladir.*

Kalit so'zlar: *metodologik, struktura, debatlar, interfaol, intellektual, integrativ, mafkura.*

Reforming the content of education and bringing it into line with world educational standards is of great importance in further improving the educational process. In this sense, choosing the content and structural structure of education is a complex issue of practical importance.

Based on the essence of the educational process, we would like to note the importance of the structural structure of the subject in teaching students the methodological foundations of the subject common to students. At the same time, the content of science for students, taking into account the unique nature of science, should form a logical structural structure aimed at perfecting the scientific outlook of students, being able to scientifically analyze evidence, cultivating independent thinking, thinking skills, and acquiring the skills to use them in practice. A student's worldview is not so much his relationship to objective reality, but his place in society, his attitude to social and political life, his understanding of the essence of the laws of nature, and his ability to apply them in practice.

Improving the content of educational programs and textbooks in education, especially determining its structural structure with new content, reviewing the appropriate placement of educational materials in each section and topics, are the main factors of the education and training process.

The logical structural structure of the educational material is usually understood as the internal relations of concepts and opinions in the studied subjects and their influence on each other and their mutual dependence.

Educational material is a set of knowledge that is formed in a certain way and needs to be mastered. In general, educational material occupies a central place in the educational process. In this sense, the issue of the logical structure of the educational material is of great importance in the educational process. Therefore, the structural structure (structure) of the subject is important for each subject.

In many cases, the concept of structure affects the essence of the system by increasing or decreasing the constituent parts of the whole, or in what order they are placed, combined into a whole or, on the contrary, broken down, sometimes by adding an element to the whole or removing it from the whole. is interpreted in the sense of showing.

A structured system is a complete whole. The parts-elements of the whole are closely connected with each other, and the structure is manifested as a result of their interaction, in the form of the location of the elements, the rigidity of a certain order. thus, structure is a fixed, stable arrangement of interacting elements in a whole system. That is why the educational material has a certain structure, which is determined based on the structure and content of the educational subject.

Even if content and structure form an inseparable internal unit, this does not mean exactly the same thing, because the same content can be inside different structures or it can be in the form of content without structure. The structure of the educational material in each discipline has a certain structure, its parts are located and connected in such a way that they interact with each other and have a significant effect. omitting or adding one of them completely changes the logical structure of the educational material. The structure of the method of each subject is perfected in the deepening of educational materials in the process of pedagogical phenomena - education and training.

The internal and external elements and connections that make up the teaching method determine its structure. In other words, any teaching method of an academic subject has a certain structure and consists of internal and external, micro and macro structure, a set of structures that make it up.

The main structural elements of the teaching method are the content of the subject, methods and forms of education, which form a single whole, and the number of methodological structural elements, the content and structural structure of the subject are not constant and meet the need for social development. , changes and develops under the influence of scientific achievements and advanced pedagogical practice.

The purpose of teaching students studying "Electric machines" is to form theoretical and practical concepts of electromagnetic processes in students, to teach the basic laws of alternating and constant current circuits and magnetic circuits, constant and alternating current machines. . One of the main tasks of studying this science is to study the electromagnetic field and its processes occurring in various devices, methods of analysis.

A student who has mastered this subject will have the following knowledge and skills:

- learns the basic laws of electrical engineering and methods of correcting them;
- the structure of the electrical system;
- laws of electrical operation;

- Study the processes of adjusting the speed of electrical conduction and their practical importance.

- forms the skills of learning to process the results of experiments based on theoretical knowledge and verifying theoretical knowledge in practice.

Also, the student: Various machines, mechanisms and devices are widely used in all areas of industry, agriculture, utility and other sectors. To implement any mechanical process, it is necessary to move the mechanism and the working body of the machine. This is done by means of transport, in particular, electrical energy is converted into mechanical energy.

The system must transform energy for a specific purpose. Therefore, it is necessary to include devices and control tools that perform these functions. This goal is achieved on the basis of automatic control with the help of electric drive. Electric drive refers to a complex electro-mechanical system that moves the working bodies of machines and manages these processes according to the purpose, and consists of an electric motor, a power converter, control, information and a power converter, and transmission devices. In order to ensure the continuity of the system in this regard, it is desirable to connect each topic through innovative pedagogical processes. Use of information technologies in modern teaching processes is an important factor of modern personnel training.

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