


For developing students' professional skills in teaching physics

It is clear to everyone that in modern conditions, the process of preparing future engineers for professional activity is not only the development of a specialist with a certain amount of theoretical knowledge, but also the development of a broad outlook, creative thinking and the ability to work on oneself. Therefore, the process of training future engineers in modern conditions consists not only in training a specialist with a certain amount of theoretical knowledge, but also in developing a broad outlook, creative thinking and the ability to work on oneself. The competitiveness of an engineer is largely determined by his ability to independently and creatively approach problems. That's why, teaching methods based on effective methods and aimed at developing students' ability to learn independently are of great importance.



Z.F. Beknozaroova, senior lecturer at Tashkent Institute of Irrigation and Agricultural Mechanization Engineers is conducting research in physics. The application of the results of scientific research in the educational process, which is the experimental work is being continued by her. On October, 2021 in the educational process of Jizzakh Polytechnic Institute, experimental and control groups were held in the direction of "Construction of engineering communications". In other words, the lessons of "Physics" were organized for the students of the experimental group based on scientific topics. 

The results of a study conducted by an independent researcher Beknozaroova Z.F. in the direction "Construction of engineering communications" show that the development of professional competencies of students and the improvement of the quality of professional skills testifies to the effectiveness of experimental work. Formation of students' professional skills in the process of teaching physics In modern conditions, the process of preparing future engineers for professional activity is carried out not only by a specialist with a certain amount of theoretical knowledge, but also by a broad outlook, creative thinking and ability to work. whatever.

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