General Issues of Teaching Student Activities in The General Physics Course

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ABSTRACT

The issue of further development of physical education in general and high schools is an objective and legal process. It is determined by the conveniences of scientific and technical revolution and pedagogical science. It is determined by the level of the content of physical education, when the level of physical science will depend. Work is underway to study pedagogical, methodological and polytechnic aspects of the Physics Course. Since the physics of physics is part of natural sciences, the foundation of all natural sciences, and the capacity and quality of specialists are not only determined by their knowledge, skills, the knowledge of scientific thinking, how formed scientific thinking, the level of formation of scientific and discussion. It is also determined. The deep knowledge of general physics will allow students and specialists to adapt their skills with nature.

Keywords: Principle, timely, physics, biofysics, astr and interferometers, interferometer, Videotrainer, video, microscope, masspectrograph, will camera, invariant, variability, plasma, corpuscult-waven, ultra-conductor, methodological.

From ancient times since ancient times, the science of physics, which is contributing to nature, is still important for developing society today. Knowledge of the universe in natural sciences, viewing it in the scientific perspective and found laws in accordance with its future. Therefore, fundamental laws related to nature serve to deepen and know the thinking of human beings. The principle of physics is also used in other subjects, fundamental experiences, allowing many events with improved mathematical apparatus and models, which can clearly know the mechanism and processes. Therefore, knowledge of physics leads to the clear visual methods of thinking, thinking of thinking in humans, and the formation of research development.

Due to the development of society, the pension of the issue of further development of physical education in the middle and higher schools is an objective and legal process. It is determined by the conveniences of scientific and technical revolution and pedagogical science. In particular, it is determined by the level of the content of physical education, the main reflection of the conveyance of physics. An example of this is probable, partiality of the particles, and it is possible to conduct great games in the field of "great games" such as the conducting research on these issues. Work is underway to study pedagogical, methodological and polytechnic aspects of the Physics Course. Because physics is separated within natural sciences, it sets up the foundation of all natural sciences. Because Physics has made and adding a worthy contribution to the achievements of all natural sciences. An example of this is possible to specify physical chemistry, chemical physics, biophysics, astrophysics, geophysics and other hybrid subjects.

Therefore, the need for high physical knowledge for highly educated people serving natural and technical directions. The high-level physics course is of special importance in the training of the upper qualified specialists in the

teaching subjects taught in higher education institutions. In other words, the capacity and quality of specialists are not only determined by their knowledge, skills and skills during the course, the level of quality of research, as well as the level of methods of scientific journey. The deep knowledge of general physics will allow students and specialists to adapt their skills with nature.

The general physics course is important in creating a specialization standard, concept, and program of the first-year students, for first-class students in higher education. For example, the general physics course chair is a means of shaping special physical knowledge in the training of physicists. Accordingly, the specialty is based on the main departments of physical: theoretical mechanics, thermodynamics, electrodynamics, molten physics, laser physics and other bonds.

The characteristics of the common physicist should be taken into account when mastering unique knowledge from physics. In other words, the necessary physics should be revealed to this knowledge in a clearer basis on the principle of consistency. Toeing the teaching tools general physicist also is important and the use of complex technical means used in laboratories, deepens and expanding their knowledge, not only giving information on them. For example, laser, computer, spectrometer, interferometry, video trainer, microscope, masspectograph, Wilson camera and others. Of course, in the use of teaching tools it is necessary to consider the level of knowledge of students, that is, to implement the stratification is convenient.

When used modern teaching means, including distance learning, use of the Internet and the use of video, computer, and maintaining the integrity of training, these tools should be in line with the logical content of overall physics. Once the role of general physicists in physics and its teaching means, the importance in teaching important issues and engineering knowledge. The relevance of the connection and complementary of science may not be fulfilled without mastering the course of general physics, ensuring a total physics course in scientific and technical revolving information.

The fact that higher education graduates in the future are essential in the future, a clear understanding is one of the important issues, such as knowing the basics of quantum physics for radio characterics. With the appearance of quantum electronics, it was a simple job to know the practical application of quantant physics for engineers. A disagreement was derived as an incident that cares for the human eye, the current development of holographon, the fact that it is important for developing the degradation theory.

With the development of the attention and thinking of students, the general physics course was of methodological proficiency in the formation of radios. Because students determine in the process of mastering physics, the laws of matter and their occurrence mechanisms. These allow students to explain the material nature of physical events, to be accurately linked, and that their occurrence is the object of physical laws, the study of physical laws, and they can be used in the field of marriage.

General Physics course of the functions of the methodological expertise with fundamental psychological aspects have a significant effect on the students. Of energetic professionals only eroded much more attention to the content of the event, when and by whom this event, you must know the circumstances of the discovery well. They know the students in a timely scientists Niceties because of struggle how to develop and defend their perspective and how because of struggle.

Institutions of higher education in the curriculum of general physics course for the experimental nature that it demonstrated experience in teaching various uses. The experience provided to students during lectures, through a better understanding of the theoretical material and eroded, arrangements needed to get better acquainted with the method of this experience. As a result, they repeat them in laboratory classes, and how new phenomena and laws open able to develop a deep division. For this reason, the general teaching of physics. and the use of physical

practicums special attention should be presented.

General Physics as the basis for rounding off the training course, the Polytechnic that direction. Technical institutions of higher education in general physics teaching, associated with the course of this production in the opposite direction. Because the physics knowledge, their expertise to work effectively. So, can meet the requirements of modern specialists. For example, the technique required for developing high-quality materials, which is directly related to the arrival of physics. So, of energetic engineers mastered their professional knowledge of the required physical, macroscopic and microscopic properties of the materials for them to understand the connection between the conscious and the cases arising from the administration, and they imagine. allows. The methodological perspective the correct path of wildflowers, giving impetus to the work of creative engineers, and become true professionals.

As you know, the general physics course Polytechnic direction, toward his professional increase of energetic professionals earned in accordance with the understanding of physical phenomena, and the processes used in the development of sophisticated instruments and equipment as possible. Students independent work, as the basis for developing the general course of the development of the foundations of physics. Their independent knowledge or technical means necessary to ensure minimum physical knowledge, the knowledge of general physics courses. To accomplish this, the general physics course in all parts of the educational material and invariant variation of those in their incompetence.

The concepts, laws, the tests, theories and techniques are included in the innumer training material, and they must master graduates of all pedagogical and technical universities. As for each specialist, which forms variables, it is necessary to serve to increase the level of professional training. Accordingly, the difference is selected in accordance with each university.

In pedagogical universities, consistency is effective in the physical course of the Physics Course, which is taught at all stages of the system of continuing education. Because it is necessary to clearly anticipate the physical concepts, physicists, theories, and techniques taught in slight teachers, secondary schools, academic lyceum, and the reasons for them. As a result, they will deepen and expand the content of physics and otherwise expand the content of physics, according to each following pressure education system.

To organize physics in higher education institutions, the teacher gets to get to know the following educational and methodological documents, deepens them and prepares them deeply.

• A standard curriculum for general physicists for a given specialty.

• Worker and calendar-thematic training program of the course.

• Methodical instructions and recommendations for each training session.

• Schup of students independent work on the general physics course. Here, the content, volume, term and control form of the work will be specified.

• Methodical instructions for the study of the general physics course. These include the study of the lecture, contested, the implementation of these, issues, tasks, and others performed at home.

- Teaching the methods for teaching the course of physics: List of lecture, training department, study by teaching and materials, technical and other.

- Practure level of literature at the rate of general physics.

- List of educational research, course and qualifying graduation.

The above materials are concluded by each teacher and summarized by each teacher for the academic year. other teachers and students are directly familiar with them. As a result, these materials ensure the training process and student's educational activities. Note that the process of training the teaching is maintained at the level of the quality of the above documents and materials stored at the department.

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