

Scientific researches for development future

International Conference

March 28, 2020, New York, USA



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PROSPECTS FOR AN INTEGRATIVE APPROACH IN THE FIELD OF PHYSICAL EDUCATION TEACHING

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Abstract

The article presents views on the importance of carrying out scientific activity integrating general subjects related to profession in Physycal Education sphere and other adjoining subjects maintaining cooperation between departments.

Key words: integration of disciplines, competency approach, interdisciplinary connection, scientific problem, innovative technology.

doi: http://doi.org/10.15350/F_7/19

Today, such important tasks as strengthening the scientific potential in higher educational institutions, further development of scientific research in the higher education system, strengthening their integration with academic science, improving the efficiency of scientific activities of the teaching staff, and attracting talented young people to scientific activities occupy a special place.

Integration of Sciences is a combination of Sciences, which means that the topics are not repeated, saving time, that is, it allows you to master a large amount of material with less time, and also represents an organizational task.

There are several main factors that influence the basics of integration:

- the objective laws of development of science;
- definition of the content of education taking into account the development of science;
- state educational standards;
- learning functions;
- synthesis of knowledge;
- educational process and content unit;
- mutual definition of curricula and programs;
- material and technical base;
- innovative technology.

Continuity in education is understood in two different ways:

1. Continuity between types of education. At the same time, the content of the next type of education not only continues its previous one, but also partially repeats, dividing it by content, which gives grounds for its continuation in subsequent types of education.

2. Continuity between academic disciplines. This is commonly referred to as "interdisciplinary communication". The organization of the teaching staff's work on the problem of interdisciplinary relations includes two main and interrelated areas:

- planning the educational process taking into account interdisciplinary connections;

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- management of joint educational and methodological works of teachers of related Sciences on the introduction of interdisciplinary connections, final qualification work, master's thesis.

Comprehensive study of the laws of physical education (pedagogical) through a deep analysis of its laws, large-scale innovative technologies with their effectiveness in modern education explain the way to practice through knowledge that allows you to understand the mechanism of purposeful impact on the development of the human body.

To date, there have been such integral complex areas of science, in which, along with the fact that their object is the process of physical education, including directly related phenomena.

According to the theory of physical education, these traditional fields of science are divided into two groups:

1. Fields of science of a humanitarian nature are aimed at knowing the social laws of the development of physical education, its history and organization in society, the formation of its content and integral system, or at analyzing the process of physical education and its impact on a person in certain socio-pedagogical and psychological-pedagogical aspects.

2. Mathematics and natural science (mathematics, computer science and information technology, human anatomy and physiology, ecology and nature protection) are certain laws related to the functional development of the body in the conditions of physical education, and determine its rational conditions in the natural-scientific, medical and hygienic areas.

The fact is that the fields of mathematics and natural science are only able to reveal the essence of physical education as a separate process or regularities in their own directions.

No matter how deep and significant scientific knowledge these areas of science possess, they are not able to create in their field a sufficiently complete, comprehensive understanding of holistic physical education. Because if you do not find your General reflection in the facts, scientific reasoning, features and relationships of the system of physical education, studied in a particular field of science, the integrity (pedagogy) will break away from the reality of the phenomenon. It is the theory and methodology of physical culture that can ensure the integrity of science, or rather, introduce innovative ideas in the effective solution of educational, educational and health problems through other areas of science.

The subject "Theory and methodology of physical culture", taught as part of the "Humanities", is characterized by a greater generalizing system of theoretical, methodological and scientific knowledge about physical education, as well as the possibility of integrating the Sciences into the higher education system. This is a synthetic science by combining data from other fields of science that are important in teaching the laws of physical education, as integrity, completeness. In one example, we can learn the mechanisms of influence of physical activity parameters on the body's functions (blood circulation, respiration, nervous system) not only from a pedagogical point of view, but also by analyzing (synthesizing) the system of laws of physics, psychology, and biomechanics of science. It should also be recognized that often the information determined by individual methodologies of other fields of science can not be fully associated with their integration within the subject "Theory and methodology of physical culture", since these data only contribute to understanding the essence of the General laws of the holistic pedagogical process of physical education aimed at educating a harmonious person.

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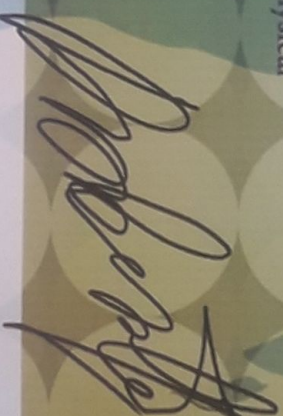
March 28, 2020, New York, USA

Research article: Prospects for an integrative approach in the field of physical education teaching

ISBN 978-1-941655-00-9

DOI: http://doi.org/10.15350/F_7

Robert Draut,
Science editor



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