

# Theoretical Research on the Construction of PE Teaching Evaluation System Under the Background of Information Technology

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**Abstract:** Under the background of the era of big data, the physical education teaching evaluation system of colleges and universities has more characteristics and manifestations of the new era. At the same time, big data also brings more requirements for the improvement of the physical education teaching evaluation system of colleges and universities. Under such an environment and trend, colleges and universities need to make certain reform measures to meet the challenges calmly according to the requirements of the new era. This paper makes a systematic study on the construction of the evaluation system of physical education teaching in colleges and universities, expounds the theoretical basis of building an efficient evaluation system of physical education teaching, analyzes the components of the evaluation system, and gives the construction path of the evaluation system of physical education teaching in colleges and universities. The purpose of this paper is to provide some reference information for physical education in higher education and the cultivation of talents' comprehensive quality.

**Keywords:** PE; teaching evaluation system; information technology

## 1. INTRODUCTION

Physical education teaching evaluation is an important part of physical education teaching. It has a summary function for the results of physical education teaching in a semester, and also has a guiding role for the next physical education teaching. However, at present, most colleges and universities regard the evaluation of college physical education teaching as a process, and serious formalism leads to a series of problems in the evaluation system of physical education teaching. For this reason, in addition to the need to increase support in the investment of physical education teaching funds, the construction of talent team and other aspects, it is also necessary to evaluate the process and results of teaching work, find out the existing problems and find the direction for improvement.

In the context of "Internet plus", cloud theory is often used in the current evaluation system. In fact, cloud theory is to use normal cloud to represent fuzzy concepts. It can use a language value to represent the transformation between qualitative and quantitative concepts. In traditional physical education, the final examination result is the only standard to measure and evaluate students, which is not conducive to the overall development of students. The application of big data has made schools have assessment criteria for every aspect of students and teachers, not just for one aspect of students or teachers. From the perspective of psychology, this theory regards respect and self-realization as the most basic and lasting driving force in human behavior.

Only when the individual's psychological tendency is respected and valued can it stimulate its subjectivity and promote its active participation in social activities. In the existing evaluation system of college physical education teaching, teachers have the same important status as students. Generally speaking, teachers should not only evaluate themselves reasonably, but also take into account the feelings of college students in sports. Therefore, the evaluation of

teachers often includes three aspects: the level of classroom organization, the level of teaching skills and the degree of students' satisfaction with them. According to the concept advocated by "Internet plus Sports" in teaching evaluation, the teaching evaluation is based on "Internet plus", and the evaluation of students is based on "Internet plus", and the students' individual differences and imbalance of individual development are actively concerned.

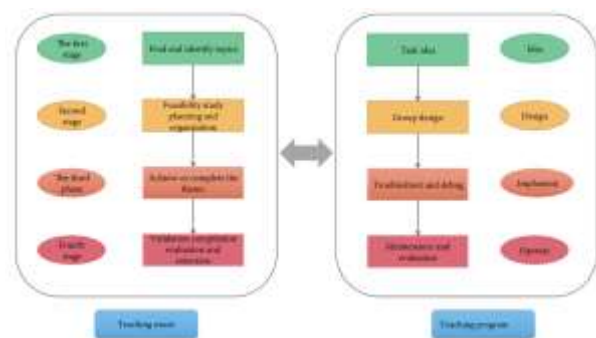


Figure. 1 Outline of moral education model of instruction based on information technology. (Searched from Google)

## 2. THE PROPOSED METHODOLOGY

### 2.1 Characteristics of College Physical Education Evaluation System Under the Background of Big Data

Therefore, before the establishment of the curriculum, we should fully understand and master the students' basic understanding level, interest level and learning ability level of sports, and constantly enrich the evaluation methods and evaluation subjects of sports teaching evaluation, which is conducive to ensuring the fairness and justice of sports evaluation, and also conducive to promoting the healthy development of the teaching system, so as to improve the teaching level of college sports teaching. Therefore, in the

context of big data, we should take advantage of this advantage to ensure the comprehensiveness of evaluation methods and subject:

(1) The evaluation system of physical education needs to be dynamically adjusted according to the requirements of the times./The theory of multiple intelligences 0 is an important basis for reconstructing the system. Gardner's theory of multiple intelligences believes that any individual can have multiple (multiple) relatively independent intelligences at the same time, and their combinations and manifestations are different due to individual differences, so the intelligence of different individuals has different characteristics.

(2) Middle school students and teachers in the evaluation system are conventional indicators, but under the "Internet plus" perspective, integrating the indicator of teaching management can make the evaluation system more comprehensive. The index of teaching management can reflect the degree of attention and investment of colleges and universities on the existing teaching of physical education. It can be seen that this indicator is related to the overall physical education teaching. The practical significance of setting up a growth portfolio in the process of students' learning is to enable students and teachers to intuitively understand students' progress from the growth track recorded in the portfolio, help students personally understand themselves subjectively, and build students' confidence in learning activities. Scientific evaluation indicators and comprehensive evaluation content are an important basis for promoting the healthy development of college physical education.

## 2.2 The Construction Path of College Physical Education Teaching Evaluation System

The subjective evaluation method and evaluation content are the main content of the whole physical education teaching evaluation. With the subjective assumption and the lack of data support, the physical education teaching evaluation has become a procedural formal process. Therefore, many teachers will not care about these evaluations, and most schools will not take any measures because of these evaluations. Only when teachers have a certain level of language expression ability, language infection ability and knowledge reserve can they engage in teaching activities. It can be seen that this indicator is the fundamental and most critical link; In addition, the teaching organization level of teachers will directly affect the teaching effect. The organization ability includes the design level of the teaching plan, the reasonable arrangement of the teaching schedule, the creation of the teaching situation, the grasp of the teaching rhythm and the handling of unexpected situations in the teaching process

One of the goals of building an evaluation system for sports in universities is to help college students improve their physique and health so that they can meet social needs. Therefore, it is necessary to update the methods and concepts in the existing evaluation system and regard evaluation as a complex and comprehensive process of judging value. The feedback of evaluation results is mainly to find the problems of students in teaching activities in a timely manner during the evaluation process, and to feed back the problems of students in the teaching process to students themselves and the leader of teaching activities - teachers in a timely manner.

## 3. CONCLUSION

To sum up, a scientific and comprehensive evaluation system of college physical education teaching is very conducive to the good development of college physical education teaching. The era of big data also provides a better opportunity to update the evaluation system of college physical education teaching. Therefore, colleges and universities should pay more attention to it. A fair and objective evaluation can help people understand and understand the existing forms of physical education and find out some existing problems and internal links in teaching. In addition, correct evaluation can also mobilize the enthusiasm of teachers and college students. Then it can improve the existing teaching effect and promote the teaching reform.

## 4. REFERENCES

- [1] Xiang Meng, Yang Qingbao, Xiang Qinglin, Wang Jin, Chen Yue, Li Wenju Research on the construction of teaching evaluation system of physical education courses under the mixed teaching mode [J] Science and Technology Information, 2021, 019 (003): P.145-147
- [2] Zheng Zhibin Discussion on the construction of college physical education evaluation system under the background of big data application [J] Contemporary Sports Science and Technology, 2021, 11 (28): 104-106
- [3] Wen Yaqun, Liu Feng Construction of PE teaching quality evaluation system in higher vocational colleges under big data [J] Contemporary Sports, 2021 (42): 0021-0022
- [4] Wang Xueqin, Ding Huanxiang, Zhang Hongpin The construction and practical research of the evaluation system of information teaching quality -- Taking the theoretical course of physical education in Linyi University as an example [J] 2021(2019-3):6-10.
- [5] Zhong Chen Research on the construction of teaching quality evaluation system of public sports badminton course in colleges and universities [J] Shaanxi Education: Higher Education Edition, 2022 (10): 3
- [6] Sun Xiaodong Research on the construction of the evaluation index system of the teaching ability of PE teachers in primary and secondary schools [J] 2021(2018-1):98-103.
- [7] Guo Wei Research on the construction of teaching evaluation system of physical education courses in colleges and universities [J] two thousand and twenty-one
- [8] Xia Yu, Xu Ta, Wei Mingxia, etc Research on the construction of wheat futures trading quality evaluation system based on blockchain [J] Food Industry Technology, 2023, 44:1-9
- [9] Chen Deqiang Strategic analysis on the construction of PE teaching evaluation system in secondary vocational schools under the background of big data [J] Star of the World - Exchange Version, 2022 (17): 3
- [10] Ma Qing, Zhao Lei, Hou Yanling Construction of PE teaching evaluation system in Shaanxi private colleges and universities [J] New Curriculum Research, 2021
- [11] Zhang Mengmeng Building Morality and Cultivating People with Physical Education: A Study on the Construction of the Theoretical System of Multiple Teaching Evaluation of Aerobics Courses in Colleges

- and Universities [J] Sports - Leisure: Mass Sports, 2022 (13): 3
- [12] Jiang Jun Research on the construction of PE teaching evaluation system in higher vocational colleges in Liaoning Province [J] RTVU Technology, 2021 (4): 71-74
- [13] Zhao Tongqing, Gong Jingjing, Sheng Jianguo Research on the evaluation system of college physical education classroom teaching quality from the perspective of sports core quality -- taking Hexi University as an example [J] Journal of Hexi University, 2021, 37 (2): 5