

Research on Influencing Factors of College Students' Satisfaction in Physical Education Based on Modern Education

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Abstract: In recent years, with the continuous development of national education, in the application of physical education in Colleges and universities, learning how to talk about the degree of satisfaction has become an effective means to build the relationship between college students and improve the quality of education. The students' satisfaction of physical education in Colleges and universities is a psychological feeling that the students' expectation of physical education has been satisfied by the physical education activities provided by colleges and universities. Students' satisfaction with physical education here refers to their satisfaction with the quality of physical education. This paper aims to analyze the current situation of physical education in colleges and universities and provide reference for the reform and innovation of physical education in colleges and universities.

1. Introduction

The application of modern educational technology is an important way to improve the quality of physical education in colleges and universities and an important condition to ensure the modernization of physical education in colleges and universities[1]. For college physical education teachers, it is necessary to pay full attention to the hardware and software conditions brought by modern educational technology to provide guarantee for teaching. The rapid development of modern society, economy, and culture has had a great impact on the traditional education system of colleges and universities in China. It also revealed that the development of traditional sports education systems in colleges and universities cannot meet the requirements of the modern education system[2]. Therefore, the State Council and the Ministry of Education issued a number of departments. The document guides the innovation and practice of the physical education system in colleges and universities, and strives to support the modern educational technology to make the physical education system in colleges and universities move towards modernization[3]. In the current situation of the urgent demand for talents, the reform of physical education in Colleges and universities has become the inevitable trend of the development of physical education in Colleges and universities[4].

Because student satisfaction is influenced by customer satisfaction research, and in the broad sense of service level, the satisfaction of students and customers arises from the same mechanism[5]. Therefore, the definition of student satisfaction by most scholars is basically borrowed from the concept of customer satisfaction, and some scholars even use the concept of customer satisfaction directly as the concept of student satisfaction. The satisfaction of students in physical education in ordinary colleges and universities is a kind of psychological feeling that students' expectation of physical education has been met by the physical education activities provided by colleges and universities[6]. Students' satisfaction with physical education here refers to their satisfaction with the quality of physical education. Student satisfaction refers to the degree to which students are satisfied with the quality of physical education in institutions of higher learning[7].

2. The Formation and Influencing Factors of Students' Satisfaction with Physical Education in Ordinary Colleges and Universities

2.1 Students' Actual Perception of Physical Education is Influenced by Their Cognitive Level.

In the past, the education mode adopted by colleges and universities has exposed many problems, which directly affect the innovation of the concept of physical education. At the same time, under this traditional consciousness, physical education methods have been difficult to meet the needs of social development[8]. In the traditional process of physical education in Colleges and universities, the emphasis is placed on improving the physical ability of students, and the physical fitness and physical ability of students are increased through intense sports, but the individual differences and self development of students are ignored. At the same time, many colleges and universities lack of physical education teachers, the number of physical education teachers is less, the number of professional physical education teachers is even less, many teachers lack of professional literacy, and it is difficult to get a sense of achievement in the teaching process, which to some extent affects the quality of physical education teaching. The student's satisfaction with physical education is determined by a pleasant psychological state formed after the actual effect of the physical education received by the students is compared with their expectations[9]. It can be seen that the satisfaction of students depends first on their expectations before receiving physical education, and expectations arise from needs; second, student satisfaction depends on the true feelings in the learning process, and students' understanding of things, Emotional factors and established values affect students 'feeling intensity. Third, the level of student satisfaction is determined by the gap formed between the students' expectations for physical education and their actual feelings, as shown in Figure 1.

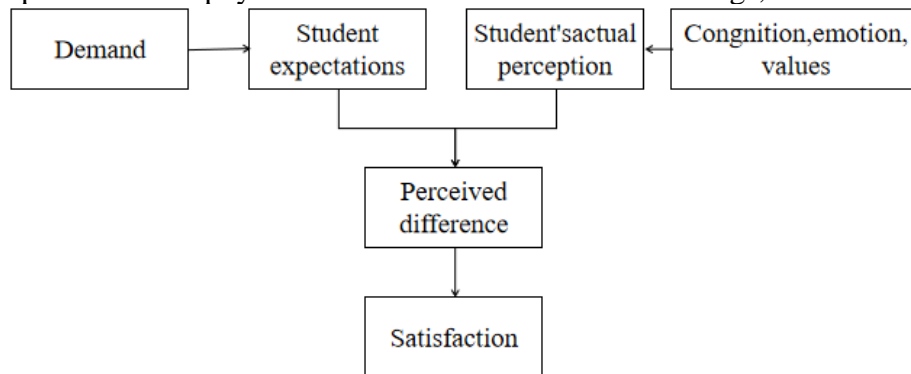


Fig.1 Student Satisfaction Formation Model

2.2 Students' Actual Perception of Physical Education is Affected by Emotional and Value Factors

Any activity of human beings has emotional color. Therefore, college students' actual perception of physical education service is bound to be affected by emotion, emotion and other factors. Students will have positive or negative emotional reactions in the process of physical education. Positive emotions include positive emotions such as excitement and happiness, while negative emotions include negative emotions such as irritability and anger. In the process of teaching, the emotion of two dimensions can be caused by teachers or managers, or by environment or self factors[10]. Positive emotions can make students form a good feeling, so as to improve the satisfaction of teaching, while bad emotions are the opposite. Value is a kind of satisfaction of the object created by human practice to the needs of the subject. In traditional physical education, teachers are often required to record the problems existing in students' movements and give guidance. It is difficult for students to realize their own problems according to teachers' descriptions, and even after teachers' guidance, it is difficult to correct mistakes immediately. Modern educational technology can effectively solve this problem. For example, when learning badminton, teachers can use modern educational technology to record the actual combat of students. After the training, students are required to watch the video together so that students can more intuitively

understand their own shortcomings and correct them in time.

3. The Application of Student Satisfaction in the Evaluation of Physical Education in Colleges and Universities

3.1 Exploratory Construction of Satisfaction Evaluation Model for Physical Education Students in Colleges and Universities

Based on the research on the mechanism of satisfaction and its influencing factors, this paper constructs the evaluation model of student satisfaction through exploratory empirical research. First of all, the research group understands the needs of college students for physical education through discussion, interview and questionnaire survey. Secondly, according to the characteristics of physical education in Colleges and universities, an open-ended questionnaire is constructed to collect the factors that affect the process quality and result quality of students' actual perception. Through further statistical processing of the recovered questionnaire, through project purification, exploratory factor analysis, extraction dimension, reliability and validity test, the exploratory model for the evaluation of students' satisfaction in Physical Education in Colleges and universities is obtained as shown in Table 1.

Table 1 Exploratory Model Of Satisfaction Evaluation of Physical Education Students in Colleges and Universities

Nature	Nature measurement content
Assurance	Physical education teachers have strong teaching ability
	The school has sufficient network resources for students to use
	Teachers have good cultural quality and professional ethics
	The school has perfect sports management system and security measures
Interactive quality	Students have strong autonomy in choosing physical education
	Teachers care about students' progress
Value	The school can solve the problems that the students meet in the physical education study in time
	The physical education provided by the school is that the students have learned the scientific knowledge and methods of Physical Education
	The idea of lifelong physical education is put forward in school physical education
reliability	School education has clear objectives
	The school provides students with well-designed physical education courses
	The school provides students with various types of physical education courses and teaching organization forms

3.2 The Application of Student Satisfaction Table of Physical Education Quality in Colleges and Universities

A student's satisfaction with physical education depends on his expectations for physical education, and expectations come from needs, which is the psychological tendency of the human body to feel a certain lack and strive to be satisfied. For example, when someone feels something missing or unbalanced, a corresponding need arises. The psychological feeling that students' expectations of college physical education are met during the education process is called satisfaction. According to the gap theory of higher education service quality evaluation, the level of student satisfaction with the quality of college physical education depends on the gap between expectations and perception size. There are two ways to evaluate the quality of physical education in Colleges and Universities: using the complete scale in the evaluation; only using the students' perception according to the situation. The modern education technology includes the related education management system and so on. Students can independently choose the required course items and class time through the management system. Teachers can also use this technology to record and summarize the performance and test results of students in ordinary classes, and upload the student performance evaluation to the Internet for students to consult. At the same time, students can also use this system to evaluate teachers' teaching methods and teaching attitudes in a

hierarchical way, providing a reference for schools to evaluate teachers' work.

4. Conclusion

The satisfaction of students depends first on the expectation before receiving physical education, which originates from the need. Second, students' satisfaction depends on their actual perception in the learning process, while students' perception intensity is influenced by factors such as their understanding of things, emotional level and formed values. Third, students' satisfaction with the quality of college physical education depends on the gap between expectation and perception. The formation of students' satisfaction and its influencing factors are the important basis for constructing the evaluation model of students' satisfaction in Physical Education in Colleges and universities. In addition, physical education in Colleges and universities has its own educational form and characteristics, so it is necessary to consider these contents to define the students' satisfaction of physical education quality in Colleges and universities. According to the definition of scholars and the characteristics of physical education in Colleges and universities, the author believes that students' satisfaction in Physical Education in Colleges and universities is a psychological feeling that students' expectation of physical education has been satisfied by the physical education activities provided by colleges and universities.

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