

Analysis of Sports Informatization and Innovative Methods of Sports Management Model in Higher Vocational Colleges

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Abstract: Nowadays, information technology has been widely used in various fields of society, and information education has also become the current upsurge of teaching reform and innovation in higher vocational colleges. With the help of information teaching technology and mode, it has not only changed the traditional single teaching mode in the past. It is also conducive to enriching teaching methods, strengthening teacher—student interaction, promoting teaching quality, and improving teaching standards. Based on this, this article is based on higher vocational colleges, discusses the innovation of sports information and sports management mode, in order to promote the comprehensive reform and development of physical education in higher vocational colleges, and improve students' sports skills and comprehensive qualities.

Keywords: Sports Informatization; Higher Vocational Colleges; Sports Management Mode; Innovative Methods

The advent of the information age has ushered in new teaching challenges and opportunities for my country's higher education. Higher vocational colleges must carry out informatization reforms and innovations in teaching management in order to meet the essential teaching needs of modern education. Physical education as a comprehensive subject occupies an important position in the entire education system, and the informatization of physical education has therefore become a top priority for higher vocational colleges. Actively practicing sports informatization teaching is the inevitable path for the current physical education curriculum to realize teaching reform. It also creates favorable basic conditions for enhancing students' sports knowledge and skills, personal comprehensive qualities, and improving the level of physical education in colleges and universities.

1. Informatization and importance of physical education teaching in higher vocational colleges

1.1 The concept of sports informatization

Sports informatization refers to a process in which information technology is fully used in physical education to implement various physical education links and activities in order to achieve high—quality sports learning goals. Through sports informatization, enhance the communication between teachers and students, harmonious relationship between teachers and students, invigorate the classroom atmosphere, and enhance the teaching effect. Therefore, the integration of information technology and methods into the physical education of higher vocational colleges can realize the reform and innovation of physical education management and help students improve their overall comprehensive quality.

1.2 The importance of informatization of physical education in higher vocational colleges

First of all, sports informatization is an inevitable trend in the innovation of physical education in higher vocational colleges. The physical education in most colleges and universities across the country is developing towards informatization. For physical education teachers, sports informatization is more beneficial to them and students. Implement orderly and efficient management, optimize teaching models, reduce teaching pressure, and promote the improvement of teaching effects. Secondly, information management has become a driving force for

improving the quality of physical education in higher vocational colleges. Now we are in a new era of rapid development of information. The use of information technology can enable teachers and students to pay attention to sports in a timely manner, understand cutting-edge sports trends and the latest sports teaching. Only by accelerating the information management of physical education can we meet the current development trend of physical education. To accelerate the advancement and standardization of physical education, and promote the leap-forward improvement of physical education in higher vocational colleges.

2. Sports informatization and innovative methods of sports management models in higher vocational colleges

2.1 Informatization management innovation of physical education curriculum

At present, higher vocational colleges must effectively improve the quality and efficiency of physical education, and promote students to strengthen physical skills and personal comprehensive literacy through physical education courses. It is necessary to enhance the effective connection between physical information and physical education, and scientifically set up a physicaleducation curriculum system. The cross-integration of physical education with other courses highlights the hidden educational function of physical education in higher vocational colleges, and proposes new theoretical basis and development direction for physical education, so as to realize the overall development of students and the development of physical education in higher vocational colleges. Consolidate the foundation for innovation and development. In view of this, in our physical education management, the first step is to clarify the teaching characteristics of physical education courses, strengthen the information integration of teaching content, and improve the information management of physical education courses. In the information management mode of physical education courses in higher vocational colleges, we can divide it into several modules, such as the informatization of physical education teaching items and the information management of teachers and students, etc., to change the traditional classroom teaching mode in the past and give full play to the modern. The educational function of information technology can better stimulate students' motivation for physical education and construct high-quality and efficient physical education courses.

2.2 Development and design of physical education management system

To enhance the application of information management methods in physical education management, higher vocational colleges must strengthen the development and design of the sports management information system, and unify the student's personal school status information, sports learning items, content and progress, sports knowledge and achievements. In order to effectively reduce the repetitive workload of teachers in sports management, improve the level and efficiency of teaching management. For example, we take the design of the sports performance management system as an example. Before development, we must fully consider whether the system development and design can fully meet the needs of the application. In the process of practical design of the sports performance management system, the system modules should be set for course selection. Performance query, student information and other related modules, and the design of the query module should have high flexibility, such as providing fuzzy and precise query functions; Information query and export modules should be set with basic functions such as preview and printing; For the system, the main content should include various basic information of the student, such as the name of the physical education course, the class of the student department, and the specific results of the student; The performance management system can also support various information input, statistics, corrections, adjustments, additions, etc. This function allows teachers to update students' latest grade information in time. Finally, the development and design of the sports management information system should set relevant usage rights, and set the system's teacher-side and student-side access ports respectively to ensure that the design and use of the system can be comprehensive and reasonable, and meet the operating needs of both teachers and students.

2.3 Informatization management innovation of physical education resources

In the physical education of higher vocational colleges, teachers and students obtain sports knowledge information mainly through network platforms and literature. Current information technology has become an important carrier for knowledge transmission and acquisition. Therefore, strengthen the information

management of physical education resources and improve the transmission speed of sports knowledge. Will be more conducive to improving the management level of physical education in higher vocational colleges. In the implementation of sports information teaching management in higher vocational colleges, one must increase the utilization of network resources. Based on the advantages of sharing of network resources, teachers should make good use of information technology in physical education and share them in time through the network. Sports resource information, such as sports CAI courseware, short videos of physical education, etc. , at the same time, teachers can also use the network platform to search, consult and share physical education teaching information in a timely manner, such as some high—quality basketball teaching courses, or transfer the college’ s student basketball games, basketball teaching videos, etc. , are uploaded to the online platform for everyone to share, so that students can make full use of the physical education resources on the Internet to improve their sports knowledge and skills, and improve their daily sports training through online learning. Therefore, as a higher vocational college, it is necessary to build a good informationized teaching platform for teachers and students, strengthen the digital construction ability by establishing a sports information database in higher vocational colleges, and increase the utilization rate of sports literature and sports teaching videos.

3. Conclusion

In short, in the context of the rapid development of the information age, the implementation of information management innovation in physical education should be an important breakthrough in the realization of teaching reform in higher vocational colleges. The informatization of physical education and the management model of physical education are closely related to help teachers solve sports. The important and difficult points in teaching are to simplify the cumbersome and complicated teaching content and teaching process in the past, so as to promote students to get a good teaching experience in physical education, supervise them to better master physical knowledge and skills, and help students achieve comprehensive personal integration development of. Therefore, higher vocational colleges should actively adopt corresponding school — running measures in accordance with the needs of modern education and their own reality, promote the innovative development of sports informatization and sports teaching management models, and strive to do a good job in sports curriculum teaching, teacher strength, and scientific research activities. Teaching resources and other information management work to promote the sustainable development of physical education in higher vocational colleges.

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