Application Research on Higher Mathematics Network Teaching Platform of Higher Vocational Colleges Combined with Computer in Cloud Computing Era

Xiaojuan Wang

1Wuhan Technology and Business University, Wuhan, Hubei, China, 430000

*Corresponding author e-mail: wangxiaojuan@wtbu.edu.cn

Abstract. With modern people's needs become more diverse, the previous computer network technology has been far from meeting people's needs, so the computer technology in the continuous development and upgrading. Computing technology has been applied more and more widely. How to maximize the function of computer technology and network management system in education.

Keywords: School Sports, The Computer, Network Technology

1. Introduction
We all know that, Computer technology occupies an important position in the development of society and keeps updating, among which the teaching management system applied in computer technology is also constantly improving and developing, which is mainly used for the management and control of students' basic information. We will from the following several aspects to the main functions of the computer management system to have a more comprehensive understanding.[1]

(1) By connecting computer technology with the "management center" of the network system in the school, it is more convenient for us to know the student information and inquire the relevant information of the student. We can also publish some of the school's sports dynamics, such as the holding of sports meeting and related matters, so as to better manage students and better complete the work tasks assigned by school leaders.

(2) The school establishes the education management system, and USES the present most advanced computer network technology to carry on the management mainly for lets the whole school student. In this way, teachers can understand the physical education teaching situation of the school more timely and quickly, and strengthen the communication with other schools through the computer network platform, which can improve the physical education system.

2. How to use automatic management system to realize the school body Educational computer teaching
The most critical step to apply computer technology to the general university physical education management system is: how to combine computer technology with the teaching management of the school scientifically and effectively, and develop the education teaching work of the school more scientifically and effectively, as shown in the following figure:
In the aspect of physical education teaching in colleges, the system applied to computer technology mainly includes the following points.

Table 1. Computers can be used in all aspects.

| Physical education teaching management system. | The management system of physical education teaching mainly refers to the professional personnel who regularly publish some relevant teaching results on the network platform. |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| The management system of staff records is tied up | The system used for management of the files or basic information of the school teachers and school leaders, and the staff of the school administration office Archives management; The school curriculum summary and each subject teacher's teaching achievement communication and so on; |
| Manage the related sports equipment system in the school | This system is mainly to strengthen the management for some sports equipment, including the use of sports equipment, repair, return and other records. |
| The management system of students' physical quality and so on | This system mainly manages and modifies students' basic information, including students' body health index, students' various physical functions reaching the standard, and students' training in physical education class. The special administrators of the school will sort out and analyze the information, and then input it into the computer for storage, so as to develop the appropriate teaching system and method for students according to the information[2]. |

3. Application analysis of school Sports automation management system

First in the ordinary university sports teaching using multimedia technology in teaching, change traditional teaching methods, by the previous traditional teacher in the classroom teaching has gradually become the student active learning, constantly stimulate students learning interest and curiosity, constantly enhance the student found the problem, to gain more knowledge about sports and strengthen students' physical quality. In the physical education classroom, the teacher only needs to use the network multimedia technology to present the prepared teaching content to the students through the screen, which can not only enable the students to have a deeper understanding of the content, but also further stimulate the students' interest in learning.

Secondly, teachers can appropriately apply computer network technology to teaching in physical education. Students can choose according to their own interests through the school course selection system. And the school should also make the campus physical education teaching more standardized...
and rationalized, for any unreasonable place in the teaching system should be timely adjusted and improved\textsuperscript{[3]}.

At last, the computer network system can help students to have a more profound understanding of the sports movements they want to master. As is known to all, the purpose of physical education teaching in schools can let students understand sports related knowledge, strengthen students' physique and exercise their willpower. For students, to learn a new sport item in PE class, they first need to watch the demonstration action of the teacher, then combine the explanation of the teacher, and find relevant information by using computer technology, so that the students can learn the body taught by the teacher. Have a deeper understanding of parenting skills and master them more thoroughly.

4. Application and economic benefit of school Sports automation management system

4.1. Application of school sports computer integrated management system

School sports computer network management system is mainly in extracurricular sports activities, on the basis of further collecting students' performance in physical education class or relevant test result, the students using the reading card management system in physical education, information input into the computer\textsuperscript{[4]}, which is easy to realize the main functions. The core technology of computer network integrated information management system is to integrate the students' sports information with the school information for analysis and discussion, continuously strengthen the application of network computer technology in the comprehensive management system of physical education, and timely understand the sports information technology released inside and outside the school\textsuperscript{[5]}.

4.2. The economic benefits brought by the school sports computer integrated management system

With the development and improvement of computer network technology, the application field of school physical education computer integrated management system is becoming more and more extensive and plays an increasingly important role in physical education. In recent years, some ordinary colleges and universities pay more and more attention to the comprehensive management system of school physical education computer, and make continuous improvement according to their own actual situation, so as to make the comprehensive system of school education computer continuously improve the teaching efficiency of school\textsuperscript{[6]}.

5. Conclusion

The network computer technology changes with each passing day the development, its development has promoted the social each aspect development and the progress, especially school physical education teaching aspect. By using the current computer technology for teaching, students and teachers can not only quickly understand the frontier of sports development, but also cultivate students' interest in sports, so that students can further appreciate the essence of sports spirit. At the same time, it can also stimulate the development of education about scientific direction gradually\textsuperscript{[7]}.

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