

Original Research Article

# Reform and Practice of Basketball Curriculum Under the Background of Physical Education Professional Certification

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**Abstract:** Basketball course in line with the echo of personalized learning, online teaching, leading, dynamic and open teaching and efficient interaction between teachers and students, the depth of inquiry learning, improve teaching mechanism, such as teaching target, make the effective combination of students' knowledge, ability and quality, cultivate students the comprehensive ability to solve the problem and higher-order thinking, with the teachers' sense of responsibility and initiative, As well as to become an excellent physical education worker's accomplishment, so that the basketball course teaching content has The Times and forward-looking, the teaching form has the advanced and interactive.

Keywords: Physical education; Professional certification; Basketball lessons; Reform practice

**Fund project:** Jinlin Province Research Project in Teaching Reform in Higher Education 《Reform and Practice of Basketball Curriculum under the background of Physical Education Professional certification》, Stage Achievements.

#### **Preface**

To implement the party's 19 big spirit, cultivate high quality teachers troop, according to the national education career development "much starker choices-and graver consequences-in planning work requirements, promoting the construction of teachers' education quality guarantee system, improve the quality of talent cultivation of teachers, the omni-directional, the whole process of teaching of professional of teachers evaluation, and the results of evaluation are applied to the teaching improvement, Promote the continuous improvement of the quality of training teachers. Physical education specialty has its particularity compared with other specialties, and its certification time, requirements and standards are different. Curriculum construction has become an important fulcrum of professional certification. At present, there are many researches on curriculum construction under the background of certification. However, there is almost no research on physical education, and only the research is limited to the macro research, without in-depth research on the main courses. Physical Education is the only normal major of Jilin Institute of Physical Education. Basketball course is an important course in the talent training system of physical education. It is the excellent course of Jilin Province, the excellent course of Jilin Province, the online video course of Jilin Province, and the key course in the professional certification process. There is a big gap in the society's demand for high-quality sports talents, high-quality sports teachers in short supply, the order training has been the norm, through the development of certification work, strengthen the reform of basketball courses, improve the quality of talent output, in order to meet the high standard of talent training needs of the society.

## 1. Interpretation of connotation of professional certification

Professional certification advocates the certification concept of "student-centered, output-oriented and sustainable development". It as a new type of evaluation, the mechanism of higher education quality in such aspects as purpose, implementing subject, organization system with professional assessment of the past, the review has certain differences, such as professional certification is a professional certification body for different professional evaluation, which provide professional teaching quality guarantee and conform to the requirements of the professional association or social unit of choose and employ persons, the effective ways to The country saw the deficiency in modern education, so put forward the concept of professional certification. Professional certification is a specialized evaluation of different majors, to help colleges and universities draw a clear line between each major, clarify the train of thought, make professional courses and training objectives.<sup>[1]</sup>

## 2. Understanding the core problem of curriculum reform

#### 2.1 Limitations of time and space in teaching

The current teaching form causes the problem that students can only learn but not teach, and the basic ability of normal university students cannot be improved. Through the teaching reform, the boundaries of time and space are broken. Students learn skills in practice classes, practice basic teaching abilities on the network platform, and then return to practice courses for inspection. Students' learning is no longer limited by time and space, and they can freely explore the knowledge they are 2.2 The lack of basketball teaching

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#### resources

Basketball course is a complex knowledge system course, that is to master theoretical knowledge but also to master practical skills. The course also has a close connection with psychology, human science, neuroscience and other disciplines. Through the reform of teaching content and methods, students will not only master skills in class, but also meet their own interests when teachers explain limited content. After class, students will explore and dig relevant knowledge through online independent exploration, so that students' knowledge will continue to be enriched.[2]

## 2.2 Poor communication between teachers and students

Break traditional teaching form, interaction between teachers and students after class. Through the reform of teaching mode, teachers can build a professional self-learning platform for students, through which they can communicate and contact with students to release learning tasks and urge students to complete them. At the same time, they can also use this platform to timely answer students' problems in self-learning or in class.

## 2.3 The problem of weak autonomous learning ability

Through the deepening of teaching reform, students' interest in learning is cultivated and students can study independently after class. Reform the teaching contents, enrich the teaching means, with the support of information technology, causes the student to explore basketball knowledge and their thinking to spread continuously, can more deeply feel the basketball knowledge and profound, the force will also guide students to independent exploration and experience knowledge, helps to develop their ability of independent

## 3. Specific strategies of basketball curriculum reform

## 3.1 Change the mode of knowledge transmission

Give full play to the leading role of teachers in guiding, inspiring and monitoring the teaching process, and fully reflect the enthusiasm, initiative and creativity of students as the main body of the learning process. Through the reform of hybrid teaching mode, the teaching of basic theoretical knowledge is placed on the online platform, the training of teaching ability is completed by the online platform, and the training of practical ability and values is mainly realized by the offline link, which shows the effective combination of teaching efficiency and effect.

## 3.2 Construction of "knowledge point" teaching video

It adopts network teaching platform, micro-class and other forms suitable for online or fragmented learning, and avoids the use of single, traditional classroom recording video. Let the circulation of teaching resources benefit more schools and students, save learning time and promote more equitable distribution of education resources. So that students have the opportunity to enjoy the best video course resources in China or even the world, to meet people's demand for famous schools, famous teachers, famous courses, to achieve faster circulation of teaching resources.

### 3.3 Open online courses

Carry out online and offline teaching activities on the network teaching platform, and carry out the construction of micro videos, question banks and other supporting teaching resources. Through the reform of hybrid teaching mode, the teaching of basic theoretical knowledge is placed on the online platform, the training of teaching ability is completed by the online platform, and the training of practical ability and values is mainly realized by the offline link, which shows the effective combination of teaching efficiency and effect.[3]

#### 3.4 Adjust the syllabus

On the premise of ensuring the teaching objectives of basketball course, the curriculum syllabus should be adjusted appropriately, including the allocation of class hours, the adjustment of teaching methods, the adjustment of assessment standards and examination methods. With the help of big data technology, the network teaching platform can go deep into the specific links of each student's learning process, collect all the data related to students as much as possible, and develop personalized basketball theory course teaching plan according to the results of teaching data extraction, so as to achieve differentiated teaching goals.

### 4. Conclusion

With the opportunity of physical education professional certification, according to the requirements of core ability and quality of physical education normal graduates, through different teaching paths, broaden teaching resources, meet the learning needs of different students, promote the active construction and independent development of students' learning mode, and enhance teaching demonstration ability. To provide students with the learning conditions and environment they should have to become excellent sports normal students, so that students' comprehensive ability and accomplishment have core competitiveness.

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