Research on the application of computer technology in the construction and management of "double qualification" teachers in undergraduate colleges and Universities under the background of combination of production and education

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Abstract. At present, the national economic industrial chain has gradually approached the normalization period of industrial structure improvement, industrial transformation and industrial upgrading and efficiency. With the support of computer skills, the project of integration of production and teaching puts forward higher requirements for the construction and management of double qualification teachers. Around the main line of the new situation of the integration of production and education, some experts put forward a series of sound teacher training system and path[1]. It has been proved that the construction of a team of double qualification teachers who can combine theoretical knowledge and practical ability is of great help to the construction of the foundation for the cultivation of applied talents.

Keywords: Integration of Production and Education, Undergraduate, Double Qualification Teachers, Computer Technology

1. Introduction

In the current period of national progress, China's economic chain has gradually entered the construction of a new type of normalization to improve and upgrade the industrial structure. A variety of competitive industries for the application of a large number of technical talents, the construction of undergraduate colleges and universities of teachers put forward higher requirements. This requirement may be an opportunity or a challenge for colleges and universities[2]. In order to meet the needs of national economic progress faster, some experts put forward the concept of combining production and education. The emergence of this concept also paves the way for the future education reform of undergraduate schools.

The combination of production and education is a major concept of economic progress put forward by people in order to increase the vertical relationship between the investment in education and the interests of the industry. In recent years, people's desire for higher education is increasing, which makes the elite education in Colleges and universities change to the mode of popular education. In order to achieve the continuous improvement of the educational level of popular education, the construction of double qualification teachers is imminent. This paper defines the connotation of the
management and team building of double qualification teachers, and puts forward the corresponding views.

2. The definition and importance of double qualification teachers in the context of industry education integration

2.1. Main definitions
The main purpose of the construction of teaching staff in Colleges and universities is to build a team of double qualification teachers. However, how to define the main meaning of double qualification teachers is still the topic of discussion. Some universities usually refer to teachers with double certificates or professional titles as double qualification teachers. This kind of appellation may be more concerned with superficial phenomena. Theoretically speaking, double qualification teachers refer to teachers who have certain basic teaching theoretical knowledge and special professional skills.

2.2. The value of double qualification teachers in the practice of industrial renewal
It is of great practical value to build a team of double qualification teachers with reasonable structure and strong practical ability for the reform of education and the renewal of industry in our country[3]. The theory of "Double Teachers" can not only guide students to combine theory and practice with each other, so as to improve their practical ability and adaptability after arriving at the post.

2.3. The importance of the quality training of double qualification teachers under the background of the integration of production and education
Through the development of the quality of double qualification teachers, the school can strengthen the mutual common and combination between various professions and industries. On the other hand, it can also effectively improve teachers' research ability of high-tech development and application research and professional construction ability. On this basis, the industry chain related to the industry will also be fully supported by talents. This phenomenon is conducive to the spread and development of the industrial chain.

3. Problems of computer technology in the construction of "double qualification" teachers in undergraduate colleges and Universities under the background of combination of production and education
3.1. The source of teachers is single
According to the relevant requirements of the regulations on personnel resources management of public institutions, many schools employ a lot of new teachers in the form of recruitment examination of public institutions. However, these new teachers only have theoretical knowledge of books. They don't have enough practical working experience. In the daily teaching process of students, these new teachers can not guide students' practice and demonstration ability according to students' learning requirements. However, due to the influence of local enterprises, it is difficult for excellent talents to timely supplement to the corresponding enterprises. Even if it is the use of computer Internet recruitment form is unable to meet the requirements.

| Route                                      | Connotation                  |
|--------------------------------------------|------------------------------|
| Introduction of talents                    | Recruitment through Internet channels |
| Sharing the combination of production and education | Resource sharing |
| Perfecting the system                      | Enhance enthusiasm           |

Table 1. On the construction of "double qualification" teachers in Universities

3.2. The optimization of the structure of teachers is not perfect
Due to the restrictions of the recruitment examination conditions of public institutions, most of the new teachers recruited in Colleges and universities are under 35 years old. At present, the overall structure of teachers tends to be younger. For the academic structure, young teachers are generally undergraduate or graduate education. The number of doctoral teachers is very small. For the title structure, the number of professional leaders with senior professional titles is very small. For the structure of double qualification teachers, teachers lack the ability of working practice. This shows that the proportion of teachers with advanced technology is also very small.

3.3. The lack of encouragement mechanism for double qualification teachers
The emergence of computer skills has led to the emergence of a series of academic teachers. These teachers can be seen in the network a variety of literary works and papers. Schools can recruit teachers according to personal information in the network. However, the incentive mechanism of double qualification teachers is very lacking in schools. Man is a real animal. Without the support of encouragement mechanism, it is difficult for people to encourage themselves to carry out daily and efficient work.

4. Under the background of combination of production and education, the path of computer technology in the construction of "double qualification" teachers in undergraduate colleges and Universities

4.1. Introduction of high level talents under computer technology
In order to manage a higher quality school, undergraduate colleges and universities need to introduce a large number of teachers. Moreover, the introduction of high-level talents is the most important\(^{[4]}\). Under the computer technology, people can publish all kinds of recruitment information in the network. The Internet can help schools to make quick and popular recruitment. Internet users can also quickly notice a variety of high-quality recruitment information. In this way, the school has the opportunity to introduce high-level talents.

4.2. Resource sharing in combination of production and education
The combination of production and education refers to the organic combination of industrial chain and education. This combination can expand the industrial chain to a broader space. It can bring prosperity and prosperity to related enterprises. We know that education is the main way to reproduce talents. The combination of high-level education and high-level industry will make the future progress of industry brilliant. This is the truth. On this basis, the resource sharing of the combination of production and teaching can involve the construction of double qualification teachers' team, the operation of funds and
the employment of talents. To achieve real resource sharing.

4.3. **On the improvement of the system of training double qualification teachers**

Double qualification teachers must be ordinary teachers through long-term hard study and work practice can be called high-level educators. Therefore, schools can adopt some systems to train double qualification teachers according to the actual situation. This way of training can effectively speed up the construction of double qualification teacher resources.

5. **The management strategy of computer technology in "double qualification" teachers in undergraduate colleges and Universities under the background of industry education integration**

5.1. **Strengthen the management of the evaluation of teachers' academic level**

For schools, the construction of teacher resources is inevitable. How to determine the overall level of teacher resources has become a difficult problem for many undergraduate schools. In fact, schools can strengthen the management system of the evaluation of teachers' academic level. Through the test of academic level, we can clearly recognize the degree of theoretical knowledge of each teacher.

5.2. **Strengthen the management of the evaluation of teachers' work level**

The quality of double qualification teachers lies not only in the quality of their academic ability, but also in the quality of their working ability. Only with a high academic level and a high level of work, such a teacher can be called a double qualification teacher.

5.3. **Management of comprehensive evaluation of computer ability**

Nowadays, people who can't use computers can be called a fool. With the emergence of various computer skills, people's life is more and more inseparable from the progress and update of the computer[5]. Therefore, the level of computer ability can also represent the quality of teachers' comprehensive literacy.

6. **Conclusion**

The combination of production and education is an inevitable choice for China's economic growth. With the proposal of education reform in China, the construction of double qualification teachers in undergraduate schools has been responded immediately[6]. Today, our society is a complex industrial chain. How to effectively combine the industry chain and education has become the main goal of the construction and management of double qualification teachers.

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