Research on the Efficiency Mechanism of New Professional Certificate under the Guidance of Vocational Skills

Chen Ruiping

Yunnan Land and Resources Vocational College, Kunming, Yunnan, 650200, China

email: chenrZuipinggt@163.com

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Abstract: With the continuous development of science and technology, there are more and more jobs in the new industry, and the demand for talents is gradually increasing. It can be said that the employment prospects of students in the new industry are very broad, but the number of people employed in the new industry is decreasing year by year. The main reason is that the professional and technical level of the students trained is not high, which is difficult to win Any part of the work was eliminated by the society. In view of this situation, teachers should take effective measures to enhance students' professional skills. The implementation of the certificate system can effectively solve the above problems. This article will focus on the measures to enhance the effectiveness of the construction of new industry Majors under the certificate system, in order to enhance the employment competitiveness of students.

1. Introduction

Certificate system, as the name implies, is a kind of assessment system that requires students to obtain certificates during the period of school. Generally speaking[1], there are two kinds of certificates, i.e. diploma and vocational qualification certificate. Certificate examination can be said to give students in a confused state a way forward, at the same time, it also exerts certain pressure on them, effectively eliminates the lazy psychology of students, urges them to focus more on the study of professional courses, and lays a solid foundation for future work. After all, students are facing the society after graduation, only their own strong ability can be stable in the highly competitive society. Students should also be clear about this, do a good job in ideological awareness, in the process of certificate examination, strengthen the cultivation and promotion of their own ability. Next, I will analyze some problems existing in the current professional construction of new industries, and discuss the methods that can effectively solve these problems under the certificate system. As shown in Figure 1.

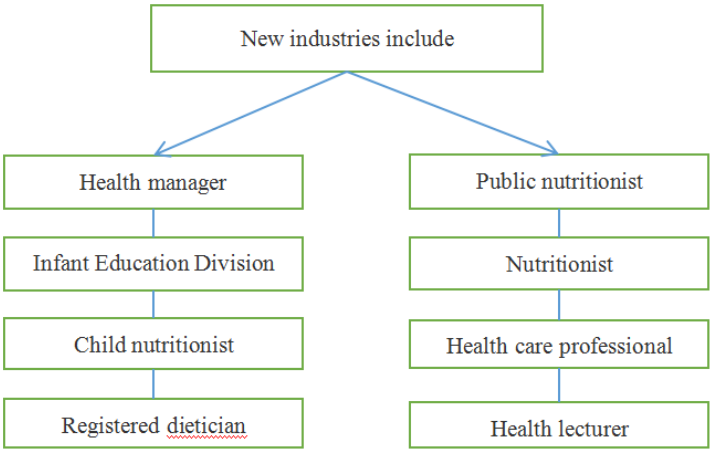

Figure 1 New industry

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2. Analysis of the Current Situation of new Industry Construction

2.1. Students Neglect the Study of Professional Courses

Most of the students have weak awareness of learning, and they often like to do something unrelated to learning in the study of professional courses, such as playing mobile phones, playing games, etc[2]. they are totally unaware of the serious problem that the skill learning at this stage is to lay the foundation for future development. In addition, the professional knowledge of electronics is a set of links, from easy to difficult, from shallow to deep, and very close, If students neglect part of the content of learning, it will greatly hinder the efficient learning in the future. Over time, it will form a vicious circle, natural, theoretical knowledge is not solid, their own ability is insufficient, and it is expected that they will be eliminated by the society.

2.2. Serious Formalization of Teaching

As far as most of the current teaching situation is concerned, the setting of many courses, as well as the teaching examination, are just staying in the form. For students, they can't improve their professional knowledge at all. This kind of learning method can not only enrich their professional knowledge, but also make them slack in their study and form bad habits, such as cramming temporarily at the end of the term, and sudden recovery Learning and so on, this kind of learning method is just to deal with the examination. In the long run, it will do no good to students. The main reason for this situation lies in the teaching methods of teachers. Many teachers only complete the teaching tasks in class, teach students dead knowledge in books, and delimit the scope of the final examination questions, which are basically the contents of the examination books. The flexibility is not strong, and the difficulty is very low. This kind of examination method has very low requirements for students, which naturally can not stimulate students to learn Enthusiasm and interest, directly lead to the lack of professional knowledge of students[3], although the test results are high, but it is just a formality.

2.3. Poor Practical Ability of Students

In teaching, students only know some theoretical knowledge, and their ability in practice is very weak. In order to pass the exam, many students only review before the exam. Although they have passed the exam, their ability has not been improved, and their study of theoretical knowledge remains on the surface, which will not be used flexibly at all. Drawing inferences from one example is also not conducive to the future development of students. After all, the new industry is a practical major, and students' hands-on work Operation is the key to learn how to master this major. But most of the students do not have this ideological awareness, and with the continuous deepening of learning, this "usually do not learn, pre exam assault" situation is more and more serious, teachers should have a deep understanding of this situation, and use the certificate system to effectively manage students, change students' learning methods.

3. Problems in the Cultivation of Applied Undergraduate Talents

In order to improve the vocational skills of application-oriented undergraduates, some application-oriented universities have carried out a series of research and Exploration on the cultivation mode of professional undergraduates [4-6]. Some ideas and methods are put forward in the aspects of personnel training concept, curriculum system reform, teachers' team construction, vocational ability training, etc., but there are still some problems in the practical application effect.

3.1. The Training Objectives of Application-Oriented Undergraduate Talents

China's undergraduate colleges and universities set up specialties according to the subject category. The specialty education with subject attribute takes the subject theoretical knowledge system as the main content. Although the specialty orientation of application-oriented undergraduate is oriented to the development of regional economy, the specialty education is mainly based on the subject theoretical knowledge system, with a wide mouth diameter, and the

engineer professional qualification is necessary for an engineer to be competent for a certain engineering technical post The requirements of knowledge, technology and ability, and the training standard of "one wide one narrow" two skins.

3.2. Vocational Qualification Education Mainly Based on Training

At present, a series of vocational qualification certification work has been carried out jointly by some Application-oriented Undergraduate Colleges and various industry associations, but most of them focus on training and examination. Vocational qualification education has not been included in the talent training program to achieve the integration with undergraduate education.

3.3. The Long-Term Mechanism of "Industry University Research" Cooperative Education is Not Perfect

The training of professional engineers needs the education of knowledge, technology and practical ability, but colleges and universities are limited by the teaching conditions and class hours, engineering practice links are less and different from the actual working environment, and the professional skills of talents do not match the needs of enterprises. "Industry university research" cooperation is an effective way to realize the seamless connection between schools and enterprises. However, most schools' industry university research cooperation mostly stays at the project level, which is not deep enough and systematic. In addition, we need to establish a perfect long-term mechanism in terms of cooperation concept, cooperation basis, cooperation mode and cooperation system. In response to this requirement, based on the continuous improvement of the training base, the college has been deepening the cooperation of "production, learning and research" by employing enterprise personnel as part-time teachers, jointly guiding the graduation design, and jointly building research centers[7].

4. "Undergraduate Education + Professional Skill Quality" Training Mode Practice Plan

In order to realize the application-oriented undergraduate professional training of materials, and comprehensively implement the training mode of "undergraduate education + professional skill quality", first of all, we need to define the orientation of vocational education, and build a "undergraduate education + professional skill quality" talent training through the construction of professional oriented theoretical course system and practical teaching system with engineering professional ability as the core The basic framework is to integrate the characteristic teaching links, vocational qualification certification and post ability training, professional skill competition system, and the three-level college students' scientific and technological innovation system of "provincial university and college" into the talent training system, and to integrate the "combination of production, learning and research" throughout the whole process of talent training, strengthen the construction of "double teacher" teaching staff, and comprehensively improve the students' quality The integration of vocational education and undergraduate degree education should be realized by engineering ability, vocational and technical literacy, entrepreneurship and innovation awareness and social responsibility[8].

5. Effective Measures to Solve the Current Problems under the Certificate System

5.1. Through the Certificate System, Students are Required to Strengthen Professional Learning

Under the implementation of the certificate system, students can't do anything else, because once they don't get the corresponding certificate within the prescribed time, they may face the problem of graduation, not only can't find a job so simple, but also may face difficulties in the society. After all, with the development of the times, practical ability is one aspect, and the emphasis on diploma is more and more obvious It is no exaggeration to say that diploma has become the key to employment. I believe that all students know the terrible consequences of not having a diploma, which encourages them to study hard and dare not regard professional study as a joke. In addition,

taking more certificates is not only the affirmation of oneself, but also the enhancement of one's ability to lay a foundation for future development. Therefore, the certificate system can fundamentally change students' learning attitude and consciousness, and encourage them to gradually realize their self-worth in autonomous learning.

5.2. Through the Certificate System, Enhance the Effectiveness of the Construction Teaching of New Industries

In order to reduce the emergence of formal teaching of some teachers, further improve the ability of students' professional knowledge, and effectively implement the certificate system, it can reduce the emergence of this situation to a certain extent, so as to enhance the effectiveness of new professional construction teaching. On the one hand, the so-called certificate must have a certain amount of gold, which requires students to pass their own efforts. Of course, the examination of the certificate can definitely be used to judge a student's professional level and knowledge ability, and only with a certain level of knowledge can they obtain relevant certificates. In order to obtain the certificate, students will consciously improve their professional knowledge; on the other hand, to help students to obtain the certificate, teachers will also consciously deepen the explanation of professional knowledge to students, and the content is more suitable for students' ability, so as to avoid rigid explanation according to book knowledge, making the teaching content more effective[6].

5.3. Enhance Students' Practical Ability Through Certificate System

The improvement of application ability largely depends on the long-term continuous practice of students. In view of this, teachers should reasonably use the certificate system, encourage students to carry out more practical activities, and enhance their application ability. Of course, the realization of this teaching process needs to have certain requirements for the certificate of the new profession. First of all, the examination of certificate must have certain difficulty, which can not be obtained by students' casual handling. If so, the implementation of the certificate system will be difficult to achieve results. Secondly, the certificate must require students to have strong practical application ability, not only to investigate the theoretical knowledge, but also to test the students' flexible application ability, so that students do not stop at theoretical learning, but to put more energy into practice, which is more conducive to the future development of students. Finally, the certificate is highly recognized in the society. After all, students will be integrated into the society in the future[9]. Only with a gold content certificate can students find a better position and realize their personal value[10].

6. Conclusion

The implementation of the certificate system can effectively help the efficient construction of new industry majors. Teachers should follow certain principles to ensure the rationality of certificate selection and effectively enhance the ability training of students.

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