

Exploration on the Opt Imization of Curriculum System of Construction Engineering Cost Specialty in Higher Vocational Colleges

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Abstracts: Higher vocational education is a very important part of China's education. It also has certain advantages in training high skilled comprehensive talents. With the continuous development of our society, the construction engineering cost specialty has been widely concerned, and many higher vocational colleges have also set it up. However, due to the lack of teaching level of higher vocational colleges, the construction engineering cost specialty has attracted more and more attention. After setting up the construction engineering cost specialty, it is not able to carry out teaching efficiently. The main problem is that the curriculum system is not perfect. This paper first analyzes the necessity of optimizing the curriculum system of the construction engineering cost specialty in higher vocational colleges, and then analyzes the problems existing in the actual teaching. Finally, how to optimize the curriculum system of construction cost specialty is discussed.

Keywords: Higher Vocational Education; Major in Construction Cost; Curriculum System; Optimization

When the society is in the process of progress, there are some problems in the teaching process of construction engineering cost specialty in higher vocational colleges. Therefore, higher vocational colleges should comprehensively improve the professional teaching system in combination with the requirements of society for talents, and adopt the teaching mode of combining theory with practice, so that the teaching system can be comprehensively optimized through the integration and cooperation between higher vocational colleges and enterprises, and practice students' practical ability in enterprises outside colleges and universities, so as to better cultivate talents of construction engineering cost specialty to meet the needs of enterprises and adapt to social development.

1. The necessity of optimizing the curriculum system of construction engineering cost specialty in higher vocational colleges

Higher vocational colleges are mainly responsible for the task of training talents to the society. With the rapid development of our society, all kinds of enterprises have entered the stage of development. When the scale of enterprises is expanding, the demand for talents is also increasing. Therefore, in the teaching of construction engineering cost specialty in higher vocational colleges, the effective optimization of curriculum mode is more conducive to the cultivation of construction engineering cost talents, in order to cultivate talents with optimized comprehensive ability. We also need a perfect curriculum system to support the progress of teaching. Therefore, the curriculum system is not a fixed and rigid model, but is constantly changing with the changes of teaching.

In the process of training construction cost professionals in higher vocational colleges, we need to pay attention to the cultivation of their practical ability and theoretical level. We can make an effective analysis of the actual situation of students and the current situation of the major, and then analyze the expected effect of the course optimization on students' learning, which can be specifically implemented in the professional optimization curriculum system to set the means and objectives of curriculum optimization, so as to cultivate excellent talents in line with the requirements of enterprises and society. Therefore, the optimization of curriculum system is

actually to improve the professional ability of students majoring in construction engineering cost in higher vocational colleges, in order to help them improve their competitiveness, which is more conducive to their better integration into the social post after graduation. Nowadays, in the process of optimizing the curriculum system, most of the construction engineering cost specialty in higher vocational colleges do not attach importance to the combination of theory with practice and society with practice, which is not conducive to the cultivation of sound talents and affects the development of students. Therefore, it is necessary to implement the combination points in the optimization of the curriculum system to improve the comprehensive practical ability of the students majoring in construction engineering cost.

2. Problems in the curriculum system of construction cost specialty in higher vocational colleges

In the construction cost specialty of higher vocational colleges, the existing curriculum system cannot meet the requirements of professional practice, which will lead to some problems in the curriculum system. First, the curriculum system of construction engineering cost specialty in higher vocational colleges does not meet the standard of college curriculum system, but tends to the standard of undergraduate teaching, which ignores the students' original acceptance ability and fails to cultivate students' good practical ability.

Secondly, the content of the curriculum system of the construction cost specialty in higher vocational colleges is not reasonable, the existing curriculum system lacks the scientificity of teaching, and there are confusion, mistakes and other problems in the curriculum teaching, such as the partial coverage of the curriculum system of civil engineering quota pricing and construction engineering budget and settlement, which leads to some problems in the setting of the professional curriculum system.

Thirdly, the related courses in the construction engineering cost specialty have not established a mutual combination system, and there is no interoperability between the related courses. Students can't effectively combine the learned knowledge with the application. After each course, they can't effectively combine the knowledge content with the subsequent course content, which affects the students' learning.

3. The way to optimize the course system in the construction cost specialty of higher vocational education

3.1 Following the principle of fine division

With the rapid development of our society, the development of construction industry is becoming more and more rapid. Fine division of construction industry has become the mainstream trend. The reason why the fine division is due to the large scale, complex structure and more standards of the construction industry, therefore, higher requirements are put forward for the construction engineering talents in this context. Taking the field of architectural decoration as an example, with the rise of decoration field, the demand for construction cost talents is increasing in society, and higher requirements are also put forward. As an important base for training talents, the curriculum system of talent training should be more in line with the principle of fine division in the construction cost specialty. In the teaching of higher vocational colleges, not only should the curriculum system be optimized, but also the social construction market should be investigated and studied comprehensively. After analyzing the big data, we should understand the requirements of the construction market for talents, and then divide the existing curriculum system in a comprehensive and fine way according to this requirement, so as to cultivate excellent cost talents suitable for the requirements of the construction market. Higher vocational colleges should change the traditional cost personnel training mode, and divide the cost personnel urgently needed in the construction market into construction engineering cost talents and soft decoration engineering cost personnel. In this way, the fine distinction can better realize the training of different talents.

3.2 Construction of school enterprise cooperation mechanism

The main educational task of higher vocational colleges is to cultivate professional and technical talents for society and enterprises. Therefore, in order to implement the talent training objectives, colleges and universities must abandon the traditional old teaching mode and carry out comprehensive cooperation with enterprises. In the

process of constructing school enterprise cooperation mechanism in higher vocational colleges, we can cooperate with enterprises to establish practice base, provide more practice opportunities for students, so as to better cultivate students. When students have a better practical learning site in the learning process, it can effectively make up for the shortcomings of traditional theory teaching. Through school enterprise cooperation, it can cultivate students' practical ability and realize the effective combination of school and enterprise.

3.3 Strengthening the practice curriculum system

In the teaching process of higher vocational colleges, practice course has become an important way to cultivate high skilled talents, and also has an important impact on talent cultivation. In the traditional teaching of construction engineering cost major, it mainly includes a number of construction teaching contents, all of which need to be implemented in the teaching mode of combining theory with practice. For example, in the course of building engineering material testing, material testing mainly includes concrete production, concrete maintenance and other contents, so in the actual teaching process, we can realize practical teaching according to the course, and cultivate students' practical ability; For example, in the course of building surveying and mapping, if we use valuation software to work, we will waste a lot of extra time. Therefore, we can strengthen the practice curriculum system in the process of teaching, and complete the practice curriculum through the confrontation, cooperation and competition between students in the process of practice teaching, so as to increase the students' understanding of the construction cost knowledge and the learning of practice content.

4. Conclusion

Generally speaking, it is an important requirement for enterprises to comprehensively optimize the curriculum system of construction engineering cost major in higher vocational colleges. Higher vocational colleges should increase the practicality of the curriculum system according to the actual situation of talent development. After finding the problems in the curriculum system, they need to find out the methods to optimize the relevant problems as far as possible in the process of personnel training to achieve effective docking and combination of enterprises and universities, so as to better improve their professional ability, but also to cultivate them into high skilled comprehensive talents.

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