

Research on the Construction of “Humanities + Skills” Curriculum System of Engineering Cost Specialty in Higher Vocational Colleges

Jing Zhang

Enshi Polytechnic, Enshi 445000, Hubei, China.

Abstract: The purpose of higher vocational education is to cultivate practical talents who understand skills and technology, and have outstanding professional ability and good quality. For the engineering cost major, it is particularly important to pay attention to the humanistic quality and skill level of students, and it is very urgent to build the “humanistic + skill” curriculum system. Based on this, this paper analyzes the problems existing in the curriculum system of engineering cost specialty in higher vocational colleges, and puts forward the construction of “humanities + skills” curriculum system for reference.

Keywords: Higher Vocational Education; Project Cost; Humanity; Skill; Curriculum System

Engineering cost major is one of the civil engineering majors in higher vocational colleges, which occupies a very important position. The training of engineering cost talents in higher vocational colleges should be constantly adjusted according to the development trend of market economy. One of the most important links is to set up a scientific curriculum system, constantly update the structure and content of curriculum system, and better adapt to the needs of market development.

1. Problems in the curriculum system of engineering cost major in higher vocational colleges

The curriculum of engineering cost specialty in higher vocational colleges has the characteristics of economics and management. Therefore, the setting of curriculum system should also consider these two aspects. Due to the restriction and influence of various unstable factors, there are still some problems to be solved in the curriculum system of engineering cost specialty in higher vocational colleges. Some of them are briefly analyzed below.

1.1 The content of curriculum system structure is inconsistent with the goal of talent training

The setting of engineering cost curriculum system serves for the cultivation of professional talents, but from the actual situation, the structure and content of engineering cost curriculum system in higher vocational colleges do not meet the requirements of talent cultivation, and do not reflect the needs of economic development in the new period. The disunity of curriculum system structure, content and talent training objectives is mainly reflected in the fact that higher vocational colleges have not deeply studied the basic direction of this major, and when formulating talent objectives, they will still be affected by other similar majors. For example, the proportion of construction technology curriculum content in the engineering cost curriculum system is very large.

1.2 The proportion of humanities courses and professional skills courses is not unified

For higher vocational engineering cost professional courses, it is very important to cultivate students' professional skills. In

order to achieve the effect of skills training, higher vocational colleges spend more time on the setting of skills courses, which has a large proportion, but ignore the setting of humanistic quality courses. As a matter of fact, higher vocational colleges, like other colleges and universities, bear the responsibility of cultivating high-quality talents, which is related to the sustainable and healthy development of students. The humanistic quality of students majoring in engineering cost should be achieved with the help of humanistic courses, especially the study of humanistic courses related to the major. However, if the proportion of humanities courses to professional skills courses is not unified, it deviates from the original intention of talent training. The study of humanities should be replaced by public courses. We don't realize the relevance between humanities courses and professional recess. The course description is mainly about skills, and the content of humanities courses is rarely involved.

1.3 The curriculum guarantee system is not perfect

The training of engineering cost professionals can't do without the support of perfect and sufficient resources, which is a very important content. Without the guarantee of resources, the curriculum system is difficult to play its due value and role. Under the condition that the supervision system is not perfect, the establishment process of the curriculum system will appear to be very single. It is designed to complete the teaching task, not set for cultivating talents, which is inconsistent with the professional teaching objectives. At the same time, the construction of the curriculum system is inseparable from the professional teachers, but the number and level of the teachers are difficult to reach a higher level, unable to meet the needs of personnel training. In addition, the engineering cost specialty itself is a professional course with strong practicality, and it is essential to teach through a large number of practical training. However, due to the limitation of economy and other aspects, the construction of engineering quantity and pricing laboratory in higher vocational colleges still needs to be improved.

2. Construction of “humanities + skills” curriculum system of engineering cost specialty in higher vocational colleges

In order to maximize the role of the curriculum system in the training of engineering cost talents, we need to actively explore the path of construction under the condition of fully mastering the problems of the curriculum system of engineering cost specialty.

2.1 Structure content

To build a perfect professional curriculum system, we need to do a good job in the research of talent demand, which is the basis and premise. Under this condition, we should combine the characteristics of social demand for talents in the new period to formulate the talent training goal plan.

First, research on talent demand. The research on talent demand should start with the actual needs of social development, and focus on mastering the ability and quality requirements of the students in the industry. The investigation work must be serious and accurate positioning.

Second, target decomposition. According to the results of talent demand research, the talent training objectives can be determined. In order to implement the objectives, we need to decompose the objectives into two aspects: adult cultural literacy and skills training. The skill training focuses on the training and education of students' professional skills, so that they can master the basic knowledge and skills level in engineering manufacturing price, and good qualities like humanistic quality is also a strict attitude to work.

Third, the system content. After the goal is determined, the content of the curriculum system should be set. Besides the basic knowledge and skills courses, the curriculum contents of the curriculum system should also pay attention to the setting of humanities courses, correct the students' learning attitude and behavior, and keep them in an optimistic and positive attitude to learn knowledge and master knowledge and skills.

Fourth, scientific and effective assessment standards and means. In the process of curriculum system construction, scientific assessment standards and means are very important components, which play a very important role in the process of testing students' learning effect. The establishment of scientific and effective assessment standards and means is one of the guarantees of talent training. For the “humanities + skills” curriculum system of engineering cost major, it can be carried out in the way of integration of the old and the new, which not only does not deny the traditional assessment standards, but also

innovates based on the tradition. According to the characteristics and requirements of engineering cost professional personnel training, effective assessment means should be selected to ensure the scientific, fair and reasonable assessment results.

2.2 Guarantee conditions and means

In order to give full play to the role of the engineering cost curriculum system effectively, it is also inseparable from various guarantee conditions and means. Among them, theoretical research is the foundation, the construction of high-quality teacher team is the key to play the system function, and practical training conditions are the support to test the effect of curriculum system. Therefore, higher vocational education should be improved from these aspects.

First, strengthen theoretical research. Higher vocational colleges should support and encourage professional teachers to do a good job in the research of professional curriculum theoretical knowledge, and demonstrate the scientificity and practicability of the curriculum system, so as to provide theoretical guarantee for the curriculum system.

Second, strengthen the construction of teaching staff, and establish a high-quality professional team of teachers. The smooth development of education and teaching work is bound to be inseparable from teachers, and the role of teachers in the construction of curriculum system can't be underestimated. Therefore, it is necessary to strengthen the construction of teaching staff and establish a high-quality professional team of teachers. In order to strengthen the construction of master talents team, it is necessary to raise the entry threshold of teachers, introduce high-quality teachers from outside, and focus on the teaching skills and quality level of teachers, at the same time, increase the education and training of teachers. Experts can be hired from outside to give lectures on this knowledge in colleges and universities, and teachers' academic seminars can be organized. If conditions permit, teachers' academic activities can be promoted, which can provide more opportunities for teachers to go out for practical learning, and constantly improve teachers' teaching quality and level.

Third, we should pay attention to the construction of the training room and create a good professional post environment. For the teaching of engineering cost specialty, the training room is very important and the key to cultivate skilled talents. The establishment of the training room should be based on the characteristics of talent training, the trend of the times, the introduction of new technology, and the conditions for the simulation of professional posts in engineering cost specialty.

3. Conclusion

In a word, the construction of curriculum system of engineering cost major in higher vocational colleges involves a lot of content, which is not achieved overnight, and needs to consider all aspects of the situation. In the actual construction, the relevant personnel of higher vocational colleges should do a good job in the investigation of talent demand in this aspect, determine the talent training objectives according to the investigation situation, and set the teaching content according to the objectives, so as to determine the assessment standards and means, at the same time, strengthen the construction of teaching staff, and pay attention to the construction of training room, in order to ensure the quality and efficiency of curriculum system construction.

References

1. Yao J, Dong Y, Jiang A. Research on the construction of the curriculum system of linking secondary and higher vocational education of engineering cost specialty in the new era. *Science and Education Guide (Second Part)* 2018; (35): 24-25+110.
2. Deng L. Curriculum system construction of engineering cost major in higher vocational colleges under the guidance of professional ability training. *Education and Teaching Forum* 2020; (53): 363-365.
3. Xu Z, Zhang J. Curriculum system construction of engineering cost specialty in higher vocational colleges based on vocational skills training. *Henan Education (Vocational Adult Education)* 2020; (4): 25-28.
4. Zhou Y. Research on the reform of practical training curriculum system of engineering cost specialty in higher vocational colleges based on CDIO concept. *Journal of Tianjin Sino German University of Applied Technology* 2019; (5): 76-80.
5. Gao H, Hang W, Tang W. Research on curriculum system design of engineering cost specialty in higher vocational colleges in the era of big data. *Journal of Heihe University* 2019; 10(4): 98-99.