

A Theoretical Review on the Cultivation of Craftsman Spirit in the Context of the Integration of Industry and Education into the Cultivation of Talents in Higher Vocational Colleges of Architecture¹

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Abstract: Craftsman spirit is the requirement and goal proposed in the new era of our country. It has standardized the spiritual quality and guided the direction of everyone's efforts. In the critical period of China's current development, it is particularly critical to cultivate professional talents with craftsmanship. With the diversified development of colleges and universities, schools began to cooperate with enterprises to carry out teaching, so that the spirit of craftsmanship into vocational colleges has become a necessary means to cultivate talents. This paper discusses the connotation of craftsman spirit, analyzes the content of craftsman spirit in vocational colleges, and standardizes the specific requirements, hoping to help the integration and development of craftsman spirit and vocational colleges.

Keywords: Integration of production and education; Craftsman spirit; Architectural vocational colleges; Personnel training

Professional talents are the driving force of national development. Under the background of the integration of industry and teaching, how to transport professional talents for the country has become an important topic discussed by construction vocational colleges. Craftsman spirit is a spiritual quality of striving for perfection, which is the spiritual quality that every professional should have. However, under the general background, how to integrate the craftsman spirit into higher vocational colleges is the theme of this paper. Therefore, it is necessary to first understand the craftsman spirit under the background of integration of production and education, which is of great significance for the country to cultivate professional and technical talents.

1. Connotation of Craftsman Spirit

Traditionally, craftsmen refer to people with special skills who can make a living through their own skills. For example, carpenters and masons can reach the ultimate state through repeated practice and fine carving. The long river of historical development is inseparable from the contribution of each craftsman to the country. With the progress of national scientific and technological strength, craftsmen began to point to workers in the production line, or service personnel in all walks of life. The development of the times has changed the connotation of craftsman, but the craftsman spirit points to the spiritual world, which is a deeper ideal and pursuit. Such spirit is not easy to change.

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Influenced by social development and change, the craftsman spirit has also been effectively extended. Some scholars understand the craftsman spirit as the attitude of pursuing perfection in the process of repeated practice. However, some scholars believe that craftsmanship is a professional spirit of dedication, innovation and breakthrough. To sum up, the understanding of craftsman spirit should be divided into the following different perspectives: First, from the technical perspective, craftsman spirit is a professional skill of tempering and improving. Second, from a spiritual perspective, craftsmanship is a professional spirit of dedication and innovation. Third, from the perspective of quality, craftsmanship is a basic humanistic quality that includes professional skills and professionalism. Craftsman spirit is an inevitable product of the development of the times. It represents love and dedication, dedication and hard work, and has an important impact on the development of manufacturing in subsequent countries.

2. The Connotation of Craftsman Spirit under the Background of the Integration of Industry and Education

Under the background of integration of industry and education, relevant construction vocational colleges have begun to actively combine professional knowledge with teaching content to achieve the development mode of integration of teaching and business entities. The integration of production and education is an inevitable requirement of the development of the times. It can be combined with the teaching content according to the specific requirements of the talents required by the enterprise, and the training of talents is more targeted.

Under the background of integration of production and education, craftsman spirit has new connotation, and has made new regulations from attitude to technology. First of all, you should keep your love for your career; Secondly, we should be meticulous in technology; Third, on the spiritual level, we should constantly remind ourselves to overcome difficulties and innovate; Finally, in specific work, we should be inclusive and solve problems through cooperation and exchanges.

3. The content of the integration of craftsmanship spirit and higher vocational colleges under the background of the integration of production and education

In the context of integration of production and education, vocational colleges should pay more attention to the comprehensive development of students, provide more professional guidance for students, and provide enterprises with professional talents in real time. Therefore, under such a model, the craftsman spirit of this paper is analyzed from the perspectives of dedication, honesty and trustworthiness, going all out, forging ahead, excellence and innovation, and cooperation, so as to serve the cultivation of all-round professional talents.

3.1 Love one's post and devote oneself to one's work

Loving one's job and devoting oneself to one's work is the premise of completing any occupation. It is the progress of any enterprise and unit that can not be separated from those who love one's job and devoting themselves to one's work. Only those who have enthusiasm in their posts can be more proactive. In the face of difficulties and setbacks, they can take the initiative to break through themselves, thus promoting the development of enterprises. After entering the society, students in architectural vocational colleges often engage in more difficult work. Many students are easy to retreat from difficulties. If students want to stick to their roots, they must cultivate their spirit of love and dedication. Only by loving their jobs can they have the confidence to overcome difficulties. From the perspective of school teaching, teachers need to mobilize students' enthusiasm for learning, let students have a strong interest in their majors, understand the value of their industry, enhance students' pride in their majors, make them more enthusiastic and motivated to participate in the later work, and contribute their wisdom and strength to the country.

3.2 Honesty and trustworthiness

Honesty and trustworthiness is the traditional virtue of the Chinese nation, and also the basic quality that every student should have. Honesty and trustworthiness are far more important than personal ability for enterprises, especially for construction enterprises. Construction quality represents the professional level of enterprises. If the enterprise employs employees with bad integrity problems, the image of the enterprise will soon become a bubble, which will cause huge losses, even bankruptcy. Therefore, in school teaching, teachers should instill the importance of honesty in students, make them understand the value and significance of honesty, fully integrate it with their own personal behavior, and constantly guide students to establish a good sense of honesty in daily life.

3.3 Go all out

Going all out is not only a work attitude, but also a life attitude, and an effective way to realize the craftsmanship spirit. With the rapid development of the country, people's ideas are also changing. They have changed the concept of hard work in the past and taken pleasure as the standard of life. Due to the fast pace of contemporary life, many people begin to have impetuous attitudes towards doing things, unable to concentrate on a certain work. As a construction enterprise, the spirit of wholehearted devotion is particularly important, because small negligence will lead to incalculable losses, whether financial, human and material resources are not enough to measure, and even cause certain harm to society. Therefore, construction vocational colleges should pay special attention to the attitude of students, and give them the attitude of going all out and paying attention. First of all, in classroom teaching, we should pay attention to the ideological education of students and guide the formation of their values. In addition, in the practice and practice, strict requirements should be put forward for students to ensure that each step is implemented reliably, and appropriate supervision should be carried out to ensure that students are focused and have a working state of wholehearted devotion.

3.4 Elaborate

Exquisite carving is the best interpretation of the craftsman's spirit, which advocates the pursuit of perfection and perfect presentation of works in the process of work. Especially for construction enterprises, the higher quality of products can affect people's daily life. If you want to gain a foothold in today's fierce market, you must improve the quality of your own products. Therefore, when selecting employees, among employees with the same technical level, employees who are more hardworking and improve will be more popular. In the mode of integration of production and teaching, school teaching should strengthen students' skills training, improve professional level and encourage students to constantly polish their skills. In the process of practice, students are required not to let go of any details to achieve product optimization and promote their own technology.

3.5 Outstanding innovation

Innovative talents are the driving force of national development, and the spirit of innovation is in the soul of craftsmanship. Especially in today's society with severe world economic situation, in order to improve the international competitiveness of a country, we must improve the innovative spirit and consciousness of professional talents. In the teaching process of architectural vocational colleges, the main goal should be to cultivate the spirit of innovation. Students are encouraged to express their own opinions in the classroom, dare to break through the inherent model, and pay attention to protecting students' self-confidence. In the process of practice and practice, stimulate students' innovative thinking, face the problems that need to be solved, and encourage students to seek new technologies and new means.

3.6 Collaboration

Individual strength is limited, and everyone has their own professional expertise. In specific work, employees should be encouraged to achieve division of work and cooperation to promote the progress and development of the enterprise. Especially in the context of integration of production and teaching, construction vocational colleges should cultivate students' sense of cooperation, pay attention to the close connection of each process, and in the process of practice, let students feel the power of cooperation in the real environment to stimulate their sense of cooperation.

4. Requirements for the Integration of Craftsman Spirit and Higher Vocational Colleges under the Background of the Integration of Industry and Education

4.1 Coordinated development of basic skills and basic literacy

Building morality and cultivating people is the general direction of current education. Craftsman spirit should be combined with building morality and cultivating people. In the process of industry and learning, students should not only focus on their professional skills and abilities, but also cultivate their basic qualities to promote their all-round development. In architectural higher vocational colleges, teachers should pay attention to the development needs of students, improve professional quality, and infiltrate humanistic quality education into daily teaching. In the specific practice process, pay attention to the ability and attitude of students to deal with problems, and conduct teaching through practical cases, so as to provide the country with comprehensive and sustainable talents with high professional level and excellent comprehensive quality.

4.2 Coordination and unity of theoretical knowledge and practical learning

The unity of theory and practice is the main way of current education, especially under the mode of integration of production and education, more attention is paid to the coordination and unity of theoretical guidance and practice. The theory

learning is mainly obtained through the school classroom. Through the transmission of teachers, students can master the basic architectural professional knowledge, penetrate the cultivation of the spiritual level in the learning process, and integrate the craftsman spirit into the theory teaching. Practical knowledge is mainly improved through relevant practical activities or internship experience. At the same time, in the process of practice, students' craftsmanship awareness is enhanced, so that students can have a more comprehensive understanding of craftsman spirit. The study of theoretical knowledge and practical training are indispensable, especially in construction enterprises, which should pay more attention to the transformation of students from theoretical knowledge to practical training.

4.3 School teaching and enterprise teaching jointly promote

The so-called integration of industry and education refers to the integration of industrial teaching in enterprises and classroom teaching in schools. Therefore, it is necessary for schools and enterprises to participate in the training of students together. The school provides theoretical support for the technology of enterprise staff, and the enterprise can also provide direction for the teaching of the school, so as to achieve the organic unity of school teaching and enterprise teaching.

5. Peroration

Craftsman spirit, as the guiding content of national talent training, is necessary to promote the integration of craftsman spirit and construction vocational colleges under the background of integration of industry and education, which is also of great value to the development of national construction undertakings. In the process of talent cultivation, we should pay attention to the cultivation of their ability to love their jobs, be honest and trustworthy, go all out, be meticulous, innovate excellently, and cooperate with each other. We should also pay attention to the coordinated development of skills and qualities, the combination of theory and practice, and the joint promotion of talent cultivation by schools and enterprises, so as to provide the country with all-round development of professional construction talents.

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