



Vocational Colleges Use Labor Education to Promote the Path of Cultivating the Spirit of Artisans

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Abstract. Higher vocational colleges mainly cultivate high-quality, high-tech and high-skilled applied talents. In the process of labor education and training, paying attention to cultivating students' craftsman spirit is of positive significance to enhance the effectiveness of school education. The article conducts research on this. First, it analyzes the current situation of cultivating the spirit of artisans in higher vocational colleges. Secondly, in terms of the complementarity of labor education and the spirit of artisans, the commonality of value orientation, and the consistency of all-round development, the two have an inherent fit. Finally, from the three aspects of the integration of the spirit of artisans and the labor education curriculum, innovative methods of cultivating the spirit of artisans, and the creation of the spirit of artisans, the path of cultivating the spirit of students in higher vocational colleges through labor education is studied, with a view to improving the level of labor education in higher vocational colleges and promoting the cultivation of the spirit of students' craftsmen.

Keywords: Higher vocational colleges; animal education; craftsman spirit; cultivation

1 Introduction

The spirit of craftsmanship has become the main theme of the rapid development of today's society. According to the goal of cultivating technical talents, higher vocational colleges vigorously promote the spirit of craftsmanship [1]. However, many graduates still have problems such as insufficient professionalism and weak sense of responsibility, resulting in a shortage of first-line technical personnel in our country. The State Council issued the spirit of the "Opinions on Comprehensively Strengthening Labor Education in Primary, Middle and Secondary Schools in the New Era". The goal is to cultivate students' craftsman spirit through labor education, take the craftsman spirit as an important content for the training of high-quality, high-tech and high-skilled talents, and take labor education as a path and means to cultivate the spirit of artisans, cultivate talents for socialist modernization, inject inexhaustible impetus into our country's economic development, and show the style of our country's "great country craftsmen" [2].

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2 The Current Situation of Cultivating the Spirit of Artisans in Higher Vocational Colleges

2.1 The Connotation of the Craftsman Spirit

“Craftsman”, Originally, it mainly referred to craftsmen who were proficient in a certain field, such as carpenters, stonemasons, etc. [3]. With the advent of the era of industrialization, craftsmen refer to skilled professional workers in the machine industry. At present, as our country only needs the information age, the meaning of the craftsman spirit has also been further expanded. Workers who are meticulous, persistent, and innovative in their work or manufactured products in ordinary positions can be called craftsmen.

The spirit of craftsmanship in our country has a long history, which can be traced back to the four Great inventions and the allusions of outstanding master craftsmen such as Pao Ding Jie Niu and Luban [4]. At present, the research on the spirit of artisans is mainly carried out from multiple dimensions such as professional ethics, professional attitudes, professional skills, professional values, and professional quality. It is believed that it is mainly composed of love, dedication, concentration, perseverance, deep cultivation, persistence, beauty, innovation, excellence, and intensive research [5]. In 2020, General Secretary Xi Jinping gave the spirit of artisans the connotation of the times of “perseverance, excellence, meticulousness, and pursuit of excellence” at the National Model worker and Advanced Worker Commendation Conference [6].

Persistence is the fundamental of the craftsman's spirit, reflecting the professional spirit of sticking to your post, loving your job and dedication, and “choosing one thing for a lifetime”. Excellence is the soul of the craftsman's spirit, which contains the spirit of “doing one line, one line, one line”, continuous improvement, and the pursuit of perfection, constantly improving skills, products, and quality, and even reaching the level of “skill can be advanced beyond the Tao, and art can be advanced beyond the gods”. Entering a new era, excellence includes not only the pursuit of product perfection and beauty, but also innovation and invention to meet demand. Meticulousness is the key to the spirit of the craftsman. “I dare not be at ease” is a rigorous attitude towards work and works, and it is also a virtue that strictly requires oneself. The pursuit of excellence is the purpose of the craftsman spirit, the deeper pursuit of skilled workers and the practical spirit of the unity of knowledge and action. “Ten million hammers into one device”, Liu Xiangbin, a great country craftsman, has been striving for excellence in 40 years of work, constantly learning and challenging himself, and has grown from a CNC milling worker to a “great country craftsman”. The spirit of craftsmanship in the new era has penetrated all walks of life, providing a lasting source of power for our country's transformation from “made in China” to “made in China” and “created in China” [7].

2.2 Problems Faced by the Cultivation of Craftsman Spirit in Vocational Colleges and Universities

For the research conducted on a higher vocational college in Xi'an, 730 students returned to the question of “Whether students recognize the spirit of artisans through labor education”, which is shown in Figure 1.

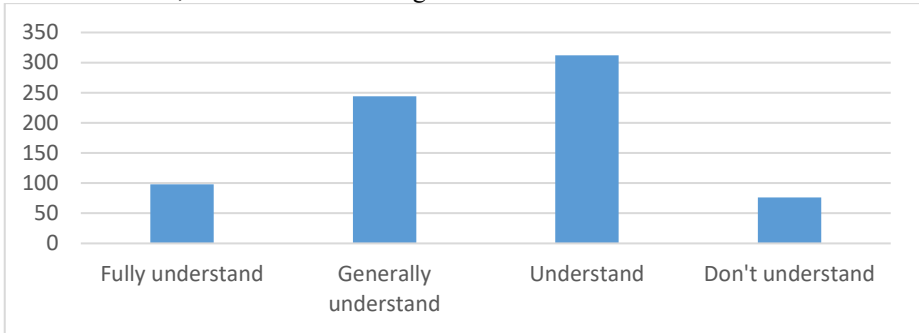


Fig. 1. Survey results on whether students recognize the spirit of artisans through labor education

The figure shows that most students still have problems such as lack of understanding of craftsmanship and insufficient understanding of values.

In response to the question “Whether the school fully implements the cultivation of students' craftsman spirit”, 750 students answered the question, as shown in Figure 2.

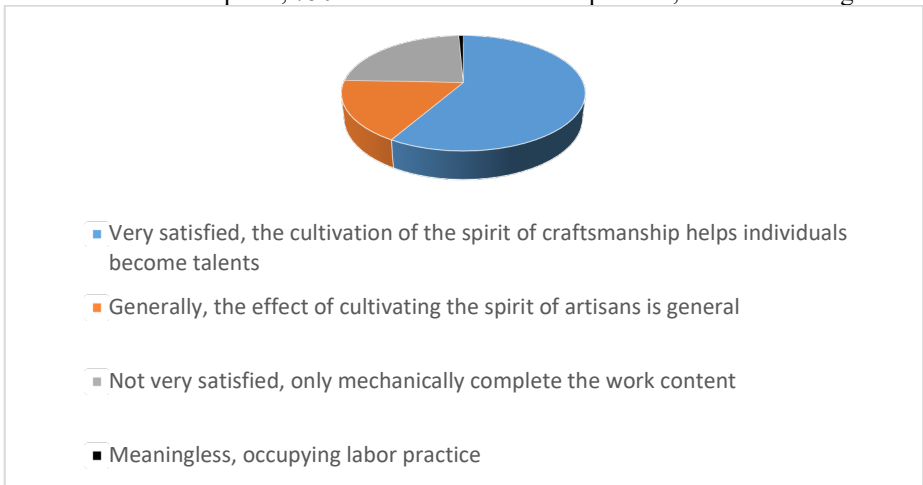


Fig. 2. Whether the school fully implements the survey results of the cultivation of the student craftsman spirit

The figure shows that vocational colleges and universities pay attention to the cultivation of students' craftsman spirit. From the perspective of the students themselves, some students mechanically complete the assigned tasks without taking the craftsman spirit into their hearts.

2.3 The Causes of the Lack of Craftsman Spirit in Vocational Colleges and Universities

The main causes of the lack of craftsman spirit in vocational colleges and universities are the following: First, the cultural environment that nourishes the craftsman spirit is poor. The craftsman spirit is a kind of value-oriented and spiritual guidance. The external environment is the basic requirement, and the real society is often filled with utilitarianism and prejudice, which hinders the development and dissemination of the craftsman spirit [8]. The second is the lack of a system for cultivating the spirit of craftsmanship, the system for cultivating the spirit of craftsmanship is not perfect, the evaluation system for the spirit of craftsmanship has not been effectively established, and the skilled craftsmen who inherit and carry forward the spirit of craftsmanship have not received corresponding material and spiritual rewards[9]. The third is that vocational colleges and universities assume the responsibility of cultivating the spirit of student craftsmen. It needs to be strengthened. Vocational colleges and universities are the main places to cultivate students' craftsman spirit. Many vocational colleges and universities focus on the cultivation of skills and techniques, but the craftsman spirit has indeed not been fully valued, which has hindered the inheritance of the craftsman spirit[10].

3 The Inner Fit Between Labor Education and the Spirit of Artisans

Labor education is to cultivate socialist successors and socialist builders with labor awareness, labor quality, labor ability and labor spirit. The spirit of craftsmanship is the dedicated attitude of the working people to strive for excellence, meticulousness, and the pursuit of excellence. The development of the times and the strength of the country need to cultivate a generation of young people with the spirit of artisans. The spirit of the craftsman germinates in labor. The cultivation of the spirit of the craftsman is in the same vein as labor education, and it has an inherent fit, which is embodied in the general requirements of labor education, the commonality of value orientation, and the law of education for all-round development.

3.1 The Complementarity of Labor Education and the Spirit of Artisans

In April 2022, General Secretary Xi Jinping emphasized in his congratulatory letter to the first Great Country Artisan Innovation Exchange Conference that the spirit of labor and craftsmanship should be vigorously promoted. Vocational colleges and universities should integrate the cultivation of the spirit of artisans into the goal of talent cultivation, realize the two-way needs of talents and society, and cultivate students' labor spirit and craftsman spirit in labor education.

First, labor education contains the spirit of craftsmanship. To realize the transformation from “made in China” to “made in China” and “created in China”, it not only requires superb technology and sophisticated equipment, but also requires top technical

workers to work day and night, tirelessly, and strive for excellence in research, design, and research and development. All front-line technical and skilled workers are required to complete every job carefully and meticulously. The transformation and upgrading of enterprises requires students to have strong labor skills, and labor education can cultivate students' labor skills. Starting from the basic labor curriculum, students can exercise their labor skills in the labor process, appreciate the fun of labor, comprehend the spirit of artisans, and improve their skills; The second is that the spirit of artisans can improve the quality of workers. The quantity and cost of our country's labor force are showing a downward trend. High-precision talents are the biggest obstacle to our country's transition from a manufacturing country to an industrial country. Vocational colleges and universities regard the spirit of craftsmanship as an important means of cultivating high-quality and skilled talents in order to cultivate excellent technical and skilled craftsmen.

3.2 The Commonality of Labor Education and the Value Orientation of the Craftsman Spirit

Labor education and craftsman spirit have the same value needs. Both agree that labor is the source of value creation and are committed to improving labor literacy. The "Opinions on Comprehensively Strengthening Labor Education in Primary and Secondary Schools in the New Era" and the "Guiding Principles for Labor Education in Primary and Secondary Schools (Trial Implementation)" set out the four major goals of labor education, namely correct knowledge of productive labor, practical and experiential labor concepts, lofty service labor spirit and active creative labor consciousness. The four major goals are consistent with the basic connotations of the craftsman spirit of "persistent focus, excellence, meticulous, and pursuit of excellence". Specifically, labor education cultivates the spirit of labor. The spirit of the craftsman is the sublimation of the goals of labor education. The spirit of labor contains the spirit of the craftsman, which is the premise and foundation of the spirit of the craftsman. The spirit of the craftsman is the inheritance and development of the spirit of labor. The two resonate with the same frequency and are in the same vein. Carrying out labor education in the spirit of artisans is more conducive to the development of students.

3.3 Consistency of All-round Development

Labor education can help students strengthen their physique, the spirit of artisans casts the quality of artisans, fully reflects the demand for the all-round development of talents, realizes the combination of labor education and morality, intelligence, body and beauty, and promotes the all-round development of students. Cultivating the spirit of craftsmanship in labor education can not only enhance students' labor ability and refine their professional and technical abilities, but also enable students to form good labor habits, develop professional literacy, and establish lofty ideals in life. Integrating the cultivation of the spirit of artisans into labor education will, on the one hand, help to enhance the quality and cultivation of students, promote the penetration of the spirit of

artisans, and comprehend the connotation of the spirit of artisans. On the other hand, it will help students cultivate the spirit of innovation, perseverance, and hard work, help students plan their career development, abide by professional ethics, promote the all-round development of students, and become more adaptable to the needs of society for talents.

4 The Path of Higher Vocational Colleges to Cultivate the Spirit of Artisans Through Labor Education

4.1 Dig Deep into the Spiritual Materials of Artisans and Enrich the Teaching Content of Labor Education Courses

Integrate the spirit of craftsmanship into the teaching content of labor education courses, and cultivate students' craftsman spirit in the teaching of labor courses.

Industry colleges and universities can integrate from the following aspects. The first is to incorporate the spirit of craftsmanship into the talent training plan and teaching plan of the labor education curriculum, reflect the spirit of craftsmanship in the teaching design of the labor education curriculum, and integrate the spirit of craftsmanship with the teaching system of the labor education curriculum. The second is to vigorously carry out the integration of the spirit of artisans into the teaching activities of labor courses, and to train and guide labor education teachers on the spirit of artisans, so that the spirit of artisans can be deeply rooted in the hearts of the people, so as to reflect the spirit of artisans in the teaching work, so that students can imperceptibly learn the spirit of artisans and feel the spirit of artisans. Three, compile the spirit of the craftsman into the teaching materials, collect and organize the materials and materials related to the spirit of the craftsman, and design and add them to the labor education teaching materials to fully integrate labor education with the spirit of the craftsman. At the same time, students can be arranged to watch videos such as "Great Country Craftsman" and "Great Country Heavy Weapon" to cultivate students' rigorous and meticulous craftsman spirit. Fourth, in terms of teaching, teachers, in addition to paying attention to the cultivation of students' professional knowledge and skills, should also pay attention to the cultivation of professional ethics and professional spirit, and should also pay attention to the cultivation of the spirit of artisans. Introduce content about the spirit of artisans in the teaching of labor education courses to educate and influence students on the spirit of artisans.

4.2 Expand Labor Education Channels and Innovate Forms of Cultivating the Spirit of Artisans

Labor education is an educational concept that should be penetrated into every education link of educational and teaching activities. Vocational colleges and universities should explore ways to cultivate the spirit of artisans according to the school's school ethos, professional setting and talent training model, combine their own advantages and professional characteristics of different disciplines, as well as the actual situation and

needs of students, and use the laws, characteristics, methods and methods of labor education to combine labor education with the spirit of artisans and innovate ways to cultivate the spirit of artisans. Let every student feel the spirit of the craftsman, nourish themselves to create the spirit of the craftsman.

First of all, higher vocational colleges need to establish educational resource service centers to optimize the allocation of the school's material resources, information resources and talent resources. In order to help each student implement labor education, and adopt the online + dual-line dual-teaching model to promote efficient online teaching and offline efficient practice, make full use of students' time in school, and strive to improve students' professional knowledge and professional skills. Level. Secondly, higher vocational colleges should establish a labor education model of "one heart and two rings". "One heart" is to rely on labor classes to focus on labor theory education, deepen labor cognition, and strengthen labor awareness. "Shuanghuan" is a professional training base and student professional associations, with social practice and voluntary service as the carrier, cultivate professionalism in practical training, and lead students to deeply understand the essence of labor education and craftsman spirit. Once again, higher vocational colleges should strengthen cooperation with employers to provide students with internship venues and time opportunities. Through internships in enterprises, students' practical abilities can be effectively improved and the foundation for students' efficient employment in the future can be laid. Colleges and universities should also strengthen the information construction of student labor education and use information technology to conduct comprehensive supervision of students, especially when carrying out corporate practical activities, modern information technology should be used for guidance and supervision throughout the process to ensure the full implementation of labor education. Finally, higher vocational colleges should establish a sound labor education evaluation mechanism and a sound labor education evaluation index system. The first is to enrich the evaluation content. Labor education evaluation is not only an evaluation of workers, but also an evaluation of educators. The evaluation of workers should establish multi-dimensional indicators such as the number of labor participation, labor concepts, labor skills, labor attitudes, labor habits, and labor spirit, and run through the whole process of labor education evaluation. The evaluation of educators can be carried out in terms of curriculum setting, teaching (teaching content, teaching form, teaching resources), and management guarantee, so as to avoid formal and superficial labor education or "separation of labor education" to the maximum extent possible. The second is to establish a variety of evaluation methods. Not only must the on-campus evaluation mechanism be improved, and a variety of evaluation forms of self-evaluation, other evaluation, and mutual evaluation by teachers, managers, and students be established, but also an off-campus evaluation mechanism must be established. Family members, business masters, volunteer activity organizers, etc. can become the main body of labor education evaluation for higher vocational students, and occupation-related labor skills, labor attitudes, labor habits, and labor spirit can be included in the evaluation index system.

4.3 Create a Spiritual and Cultural Environment for Artisans

First of all, higher vocational colleges should strengthen the publicity and education of labor education, so that students can understand the connotation and significance of labor education, and use multimedia to expand the scope of labor education publicity, so that the whole school teachers and students pay attention to labor education and the spirit of artisans, and create a good atmosphere of public opinion for the construction of the campus culture of the spirit of artisans. The second is to integrate labor education and the spirit of artisans into the construction of campus culture. On the one hand, it is necessary to strengthen the construction of campus environment and culture, that is, to integrate some labor education elements, such as banners, paintings and slogans, into the campus decoration and the natural environment of the campus, so that students can be exposed to the spirit of artisans and campus culture. On the other hand, we should strengthen the construction of campus system and culture, formulate corresponding student management systems, teaching and academic affairs management systems, and teacher management systems for the craftsman spirit and campus culture of higher vocational colleges, and use rules and regulations to restrain the behavior of teachers and students, so that students consciously abide by the norms of behavior related to the craftsman spirit, so as to transform the craftsman spirit from the ideological and conceptual level into action. Finally, we must vigorously promote the spirit of artisans, and promote and inherit the spirit of artisans through a series of literary and artistic, competitive and community activities. For example, composition competitions and speech competitions with the theme of artisan spirit can not only mobilize students' enthusiasm for learning the craftsman spirit through various colorful activities, but also create a good campus cultural atmosphere and improve the efficiency and quality of students in higher vocational colleges to learn and cultivate the craftsman spirit.

5 Conclusions

In order to respond to the call of the national labor education, our country's higher vocational colleges vigorously carry out labor education with the cultivation of students' craftsman spirit as the core, promote the all-round development of students through labor education, and enhance students' practical ability and craftsman spirit. Vocational colleges should strengthen the integration of artisan spirit and labor education professional courses, establish educational resource service centers and "one heart and two rings" education models, strengthen cooperation with enterprise units, and establish a sound labor education evaluation index system, and strive to create a good campus cultural environment for labor education and the cultivation of artisan spirit, effectively improve the technical skills of students in vocational colleges, improve the quality of artisan spirit cultivation, and truly realize the educational value of Lide Shuren in labor education.

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