

Research on the Cultivation and Education of Craftsman Spirit of Secondary Vocational Students under the Background of Curriculum Ideology and Politics

Jia-qian LI^{1,a}, Meng-tao ZHENG^{1,b} and Mian-hao ZHANG^{1,c,*}

¹Vocational and Technical Education, Zhejiang Normal University, Jinhua, Zhejiang, China

^a960604771@qq.com, ^b1018787167@qq.com, ^c670570089@qq.com

*Corresponding author

Keywords: Ideological and Political Theories, Craftsman Spirit, Secondary Vocational Education, Cultivation Strategy.

Abstract: At present, China is changing from a large manufacturing country to a powerful manufacturing country. Craftsman spirit is not only the spiritual source of national manufacturing, but also the brand capital for enterprise competitive development, but also the guide for the personal growth of employees. Therefore, as the main position of cultivating high-quality skilled talents, secondary vocational colleges shoulder the fundamental task of building morality and cultivating people, and craftsman spirit is an important connotation of curriculum thought and politics in secondary vocational colleges. Cultivating craftsman spirit is the inevitable choice for secondary vocational colleges to cultivate high-quality skilled talents, the internal need of secondary vocational students' career development, and the objective requirement of implementing the strategy of building a powerful country. Under the collaborative mechanism of general education in secondary vocational colleges, all courses contain rich elements of Ideological and political education. In order to better implement the cultivation and education of craftsman spirit of secondary vocational students, we should continuously improve the top-level design, innovate the whole process of education and teaching, improve teachers' curriculum ideological and political teaching ability and the leading role of dual qualified teachers, and effectively strengthen the cultivation of craftsman spirit, Export a large number of high-quality "craftsmen" for the country.

1. Introduction

The guiding outline for ideological and political construction of higher education courses issued by the Ministry of education in May 2020 points out that ^[1], cultivating students' craftsman spirit is not only the main task of Ideological and political courses, but also the necessary content of professional courses. At present, China is deeply promoting the construction of "manufacturing power", and it is time to cultivate craftsman spirit. Secondary vocational colleges are the main front for the cultivation of high-quality skilled talents. We should earnestly grasp the connotation of craftsman spirit, speed up the integration of the craftsman spirit into the education system, and promote the implementation and promotion of the craftsman spirit in the cultivation of skilled technical talents. Secondary vocational colleges should take the implementation of ideological and political theories as the main line, further improve the education and teaching cultivation system of "craftsman spirit" to penetrate into all fields of teaching in order to cultivate more high-quality talents for the country.

2. The Value Implication of Implementing Craftsman Spirit Cultivation Education under the Background of Curriculum Ideology and Politics

2.1. Cultivating Craftsman Spirit Is the Inevitable Choice for Secondary Vocational Colleges to Adhere to Building Morality and Cultivating People

Adhering to the general development in the aspects of moral, intellectual, and physical education and vigorously cultivating students' craftsman spirit with "excellence, dedication and innovation" as

the core is the inevitable choice for secondary vocational colleges to establish morality and cultivate people under the background of the new era ^[2]. This measure determines that the era of "emphasizing knowledge transferring, skill training and neglecting professional quality training" has passed, and the past bad tendencies have long revealed their disadvantages. The emergence of Ideological and political education has made a positive contribution to talent training, making teachers in secondary vocational colleges more highlight the core connotation of Ideological and political education in education and teaching^[3], put professional ethics and professional spirit in a prominent position, and take "Building Morality and cultivating people" as the benchmark to cultivate more high-quality and highly skilled craftsmen.

2.2. Cultivating Craftsman Spirit Is the Internal Need of Secondary Vocational Students' Career Development

Secondary vocational education is a bridge for students to move from school to work and even to a higher level of vocational education. The fundamental goal of secondary vocational education is to establish morality and cultivate people, highlighting skill and Technology Education ^[4]. Secondary vocational education strengthens students' professional consciousness, firm professional spirit and stick to professional ethics in the form of "double cultivation of morality and technology". The concept of instrumental rationality and unilaterally pursuit of interests lead to the lack of humanistic quality. The work process contains professional quality. Students complete typical work tasks. At the same time, teachers guide students to study hard and gradually understand the essence of craftsman spirit^[5]. Therefore, the goal of secondary vocational education has urgently required schools to strengthen the integration and implementation of Ideological and political theories.

2.3. Cultivating Craftsman Spirit Is the Objective Requirement of Implementing the Manufacturing Power Strategy

In December 10, 2020, President Xi Jinping delivered a message to the first China Occupation Skills Competition, noting that the technical workers team is an important force supporting China's manufacturing and China's creation. Vigorously carry forward the spirit of model workers, the spirit of labor and the spirit of craftsmen to encourage more workers, especially the young generation, to become talents with skills and serve the country with skills, cultivate more highly skilled talents and craftsmen, and provide a strong talent guarantee for building a socialist modern country in an all-round way.^[6] The requirements for talent training in secondary vocational colleges have gradually increased with the transformation and upgrading of the manufacturing industry. Relevant research data show that at present, the proportion of senior technicians in China's industrial workforce is still low, and the shortage of skilled talents reaches tens of millions, which hinders the transformation and upgrading of the manufacturing industry to some extent. In order to accelerate the achievement of the strategic goal of "Made in China 2025", secondary vocational colleges, as a backbone, should keep the original mission in mind, constantly strengthen the vocational quality of secondary vocational students with craftsman spirit as the core, and comprehensively improve the quality of talent training, so as to provide strong talent support for the construction of a manufacturing power.

3. The Necessary Strategy of Craftsman Spirit Cultivation Education in Secondary Vocational Colleges under the Background of Curriculum Ideology and Politics

3.1. Give Full Play to the Role of Top-level Design and Integrate the Cultivation of Craftsman Spirit into All Links of Talent Training Mode Reform

First of all, to strengthen the education orientation, we should focus on the talent training objectives, take the integration of Ideological and political theories as the background, further improve the talent training scheme, clarify the training objectives, innovate the talent training concept^[7], adhere to the principle of "morality" and "technology" at the same time, integrate the craftsman spirit into all links of talent training, and organically combine the cultivation of "mind", "skills" and "craftsmanship" to improve skills Ideological and political work together to inject new

strength into the talent training of secondary vocational colleges. Secondly, to strengthen the orientation of education, we should deepen the cooperation between schools and enterprises, explore and establish a school-enterprise cooperation mechanism of resource sharing, risk sharing and talent joint education, innovate the talent training mode. The school-enterprise cooperation mechanism can modify the talent training scheme, jointly restructure teaching materials, compile characteristic teaching materials and jointly undertake the teaching of core courses, so as to form a "double subject" - the joint education mechanism between enterprises and schools^[8]. Finally, to strengthen the education orientation, we should improve the talent training evaluation system, relying on various industry organizations, establishing a talent training quality evaluation committee with enterprises as the main body, and make good use of the evaluation "baton". The cultivation of craftsman spirit is integrated into all links of the reform of talent training mode, forming a closed loop of talent training, forcing the reform of talent training mode, promoting the integration of educational resources and converging on the cultivation education of craftsman spirit of secondary vocational students.

3.2. Give Full Play to the Main Position of Classroom Teaching and Run the Cultivation of Craftsman Spirit through the Whole Process of Education and Teaching

First, innovate the teaching system. Guided by the talent training program, integrate the cultivation of craftsman spirit into the preparation of curriculum standards and the important content of teaching quality measurement, innovate the curriculum ideological and political system, and revise the syllabus. Integrate ideological and political elements into the teaching content scientifically, and cultivate students' rigorous and meticulous craftsman spirit of excellence. Make ideological and political education run through the teaching of professional courses, practical training courses and public basic courses, give play to the linkage of teachers, achieve the combined action of all courses, and form the effect of collaborative education. Secondly, reform the implementation of teaching. The implementation of education and teaching should focus on the cultivation of craftsman spirit of secondary vocational students. On the one hand, we should make full use of educational resources in the curriculum for effective teaching. On the other hand, we should fully explore the cultivation cases of craftsman spirit with school-based characteristics, local representative ideological and political elements, and the experience of "great country craftsmen" with industrial characteristics, so as to form a curriculum ideological and political teaching resource library and exchange group with innovative characteristics, so as to facilitate teachers to obtain and communicate with each other in time, and promote the positive accumulation of ideological and political elements of the curriculum. Finally, innovate teaching methods and actively integrate information technology into the classroom^[9]. The class is driven by flash animation, video and virtual simulation, so as to make the traditional classroom live, so that the integration of ideological and political theories is no longer rote and tough grafting. Strengthen the cultivation of students' craftsman spirit in a vivid way, and establish micro courses of relevant curriculum resources highlighting craftsman spirit by integrating in class and out of class, online and offline, in school and out of school.

3.3. Give Play to the Leading and Exemplary Role of Teachers and Infiltrate the Cultivation of Craftsman Spirit into All Aspects of Students' Study and Life

First, set an example. As the leader of students' cultivation, teachers play a leading and exemplary role to a great extent. Teachers should take the craftsman spirit as the value guide and implement it in teaching activities and scientific research. Give full play to the role of teachers in educating and encouraging secondary vocational students. For example, the theme sharing meeting on the spirit of craftsmen, the "model of teachers' Ethics" and other selection activities were carried out. Let teachers deeply understand and internalize the essence of craftsman spirit, constantly improve teachers' quality and education level, and be a good guide for students. Secondly, build teachers' ethics. The craftsman takes virtue first. Teachers should set an example, condense the craftsman spirit to themselves, cultivate patriotism, abide by post responsibilities, standardize academic behavior, correct academic attitude, devote ingenuity to teaching, and strive to be a good

teacher with four haves. Finally, focus on training. With the "double qualified" teachers gradually on the stage of vocational education, craftsman spirit is the connotation of "double qualified". Craftsmen are skilled, and "double qualified" teachers are the integrators of theory and practice. "Double qualified" teachers are a new path for the growth of secondary vocational teachers. They should not only be proficient in theory, but also be proficient in skills. Secondary vocational teachers should take the promotion of professional skills as their own responsibility, obtain training channels, participate in training projects, integrate training resources, cultivate skills, and timely apply the latest achievements and experience to theory teaching and practical teaching^[10].

4. Conclusion

To sum up, cultivating craftsmen in line with the development of the times is not only a symbol of the cultural soft power of secondary vocational education, but also a positive guide for practicing the concept of building morality and cultivating people. In the context of curriculum ideological and political education, secondary vocational colleges should seize the opportunity to cultivate craftsmen from a large count, focus on the cultivation and education of "craftsman spirit", and integrate the craftsman spirit into all links of talent training reform, throughout the whole process of education and teaching, and all aspects of students' learning and life by giving full play to the top-level role, the main position of education and teaching, and the demonstration and leading role of teachers, Guide students to gradually advocate the craftsman spirit, identify with the craftsman spirit, export a large number of high-quality and highly skilled application talents for the country, and cultivate the best inheritors and successors of the craftsman spirit.

Acknowledgement

This article is in the Teaching research project "Research on the ability structure and training supply of secondary vocational teachers under the 1 + X certificate system" (ZX2020026).

References

- [1] Notice of the Ministry of Education on Printing and Distributing the Guiding Outline for Ideological and Political Construction of Courses in Colleges and Universities, 2018-06-05(3).
- [2] Zou Qichang. Inheriting Craftsman Culture, Cultivating Craftsman Spirit and Forging the Backbone of "Quality Era"[N], 2018-11-06(8).
- [3] Mei Shi. Analysis on the Cultivation Path of "Great Country Craftsman Spirit" in Ideological and Political Education in Higher Vocational Colleges[J].Research on communication power, 2019, 3(28): 74-76.
- [4] Pan Yule. Craftsman Spirit and the Cultivation of Vocational Consciousness of Secondary Vocational Students [J]. Guangdong Vocational and technical education and research,2017(01).
- [5] Chen Xiaojuan. Cultivating Craftsmen with Ingenuity -- Craftsman Spirit Leads Secondary Vocational Moral Education [J]. Fujian light textile, 2017(05).
- [6] Xi Jinping Congratulated the First National Occupation Skills Competition, Emphasizing: Vigorously Promoting the Spirit of Labor Model, Working Spirit, Artisan Spirit, Training More Highly Skilled Talents and Big Powers Craftsmen.[N]. People's daily, 2020-12-11(1).
- [7] Ji Changyong. Thinking on the Talent Cultivation Mechanism of Vocational Colleges Under the Craftsman Spirit [J]. Education and occupation, 2019 (23): 51-54.
- [8] Zhang Yunhe,Wangjing. The Training Approach of Craftsman Talents Based on the Spirit of Craftsman in the New Era [J].Vocational and technical education in China, 2020 (7): 89-92.
- [9] Cong Zhiru, Su Na. Research on Information Technology Basic Curriculum Reform Based on Curriculum Thought and Politics [J]. Education and Teaching Forum, 2020 (04): 25-26.
- [10] Dong Xianhui, On the Cultivation of Craftsman Teachers from the Perspective of Craftsman Spirit [J]. Vocational Education Forum, 2018 (2): 86-90.