

The Practice and Exploration of Ideological and Political Education Reform in Architectural Decoration Construction Technology Courses Based on the Cultivation of Craftsman Spirit

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Abstract: With the development of China's economy, all sectors of society have increasing expectations for the caliber of professionals. As one of their primary roles, higher vocational colleges should cultivate industrial talents with craftsman spirit, in order to supply skilled talents. Taking the course of Architectural Decoration Construction Technology as an example, this paper explores the connotation of craftsman spirit, analyzes the necessity of effective integration and reasonable infiltration of craftsman spirit in the teaching of architectural decoration construction technology, and proposes practical measures of integrating craftsman spirit into the teaching of architectural decoration construction technology.

Keywords: Craftsman spirit; Ideological and political education; Architectural Decoration Construction Technology

Online publication: July 27, 2022

1. Introduction

In 2016, during the National Conference on Ideological and Political Work in Colleges and Universities, it was pointed out that we should adhere to moral education as the central link, the ideological and political work throughout the whole process of education and teaching, realize the whole process of education and all-round education, as well as strive to create a new situation in the development of higher education in China; we should also make good use of classroom teaching as the main channel and strengthen the role of ideological and political theory course for improvement, while other courses should maintain good channels and cultivate good fields of responsibility, so that all kinds of courses and ideological and political theory course may go hand in hand and form a synergistic effect. In the same year, for the first time in the Government Work Report for consumer goods industry, the spirit of craftsman was mentioned, in which it spread to all walks of life in the society. As one of their primary roles, higher vocational colleges have the responsibility and capability to integrate various courses with ideological and political theory courses, as well as cultivate industrial talents with craftsman spirit, so as to supply skilled talents.

At present, several scholars have conducted in-depth research on the problems existing in the ideological and political teaching of higher vocational professional courses and the cultivation of craftsman spirit in China. Chen Jiupeng believes that it is necessary to face up to the difficulties and pains in the

ideological and political construction of curriculum in vocational colleges, such as in unifying ideological understanding, reflecting the educational effect, and integrating curriculum resources ^[1]. In another study, the four problems in the teaching of mechanical drawing course were analyzed, such as misunderstanding the essence of the course, insufficient understanding of the normative requirements of mechanical drawing, teachers' inadequate understanding of the law of cultivating students' abstract thinking and spatial imagination, and students' lack of patience and meticulousness while drawing ^[2]. Ren Beibei and other researchers concluded that there are three main problems in the current ideological and political teaching practice of Road and Bridge Engineering courses: insufficient overall emphasis, lack of ideological and political cultivation, which affects the comprehensive quality, and weak integration of theory and practice ^[3]. Gulineur Ikeran believes that the integration of craftsman spirit into Clothing Structure courses will not only improve the patience and responsibility of students majoring in clothing, but also the professional ability of these teachers ^[4]. Song Ling and other researchers believe that the integration of craftsman spirit into the teaching theory and practice in colleges and universities can enrich the theoretical cultivation of art talents in colleges and universities, as well as put forward new requirements for the development of teaching practice in colleges and universities; the cultivation of art talents with craftsman spirit has far-reaching practical value and significance for students themselves, the society, and the country ^[5]. Liu Zhaobo believes that the lack of teaching practice of arts and crafts major in higher vocational colleges is reflected in the lack of both, practical operation and craftsman spirit ^[6].

From the analysis, it can be seen that the problems existing in different majors and courses vary; hence, it is necessary to conduct in-depth research point-by-point. Therefore, while promoting the teaching reform and practice of Architectural Decoration Construction Technology courses in higher vocational colleges, it is necessary to focus on how to effectively integrate and infiltrate the craftsman spirit, as well as effectively improve the quality of talent cultivation by improving the teaching effect.

2. The connotation of craftsman spirit

Since ancient times, there has been a fine tradition of carrying forward and respecting the spirit of craftsmen in China. "No jade, no utensil," "such as consultation, such as pondering," "not inert, the teacher of all good," and so on reflect what is known as the spirit of craftsmen. The report of the 19th National Congress of the Communist Party of China stipulated, "Carry forward the spirit of model workers and craftsmen and create a glorious social culture of labor and a dedication to excellence." The times are progressing, and craftsmanship is advancing with the times. It can be seen that the term "craftsman spirit" has existed for a long time and is concerned with love and dedication, excellence, concentration, innovation, and other components of concise content (**Table 1**).

Table 1. Components of craftsman spirit

Number	Element composition
1	Love and dedication
2	Excellence
3	Concentration
4	Innovation

(1) Love and dedication

Love and dedication reflect constant love and constant awe. The love for one's job refers to maintaining passion, curiosity, and interest for one's occupation. Every job is essential in the work process from creation to completion; nevertheless, the division of labor is different without distinction between high

and low. Professional dedication is a mental state of due diligence brought about by maintaining respect for one’s own profession, industry, and occupation. Dedication is a traditional Chinese virtue and one of the fundamental prerequisites for socialist core values. Respect your profession, your trade, your occupation, your physical and mental effort, and your heart.

(2) Excellence

Excellence refers to raising one’s standards for oneself, where every product and production process are focused on, while striving for perfection, never taking pride in complacency, and looking for advancements within the confines of the existing standards. Lao Tzu once said, “The greatest things in the world must be done while they are small,” signifying the impact of working on “small things” on “greater things.”

(3) Concentration

One of the essential spiritual qualities of great craftsmen is concentration. The focus is on inner conviction, persistence, and patience with every detail.

(4) Innovation

Innovation refers to the courage to innovate and seek breakthroughs. Innovation has always been the impetus for advancement. It is a great power that breaks the existing barriers and then reshapes and optimizes.

3. Integration of craftsman spirit into Architectural Decoration Construction Technology courses

The present moment is the historical intersection of the great rejuvenation of the Chinese nation and the great changes that have not occurred for centuries [7]. The scientific and technological revolution and industrial change are developing, and the economy and society have entered a stage of high-quality development. In today’s world, the competition between countries is essentially the competition among talents [8]. As one of their primary roles, higher vocational colleges should promote the ideological and political construction of curriculum, help students shape correct values, outlook on life, and world outlook, as well as cultivate socialist builders and successors with all-round development in terms of morality, intelligence, physique, aesthetics, and labor, so as to supply skilled talents to the society. Therefore, how to promote the ideological and political construction of curriculum is a problem that should be addressed. For Architectural Decoration Construction Technology courses in higher vocational colleges, they need to be divided into different dimensions when integrating with the craftsman spirit (**Table 2**).

Table 2. Dimension

Number	Dimension
1	Difficulties in the integration
2	Potential for the integration
3	The need for integration
4	Practical measures for the integration

3.1. Difficulties in the integration of craftsman spirit into Architectural Decoration Construction Technology courses

At present, under the attention and promotion of the Party and the State, the teaching reform guided by the ideological and political construction of curriculum has become a trend in vocational colleges [1]. Almost every school is now exploring the promotion of this trend and is eager to establish models, while striving for advancements. However, the ideological and political construction of the course is in the exploratory stage. Higher vocational colleges are facing challenges in the promotion, which leads to difficulties in the

integration of craftsman spirit into Architectural Decoration Construction Technology courses.

(1) Changing the concept of ideological and political education from one curriculum to another

Over the years, higher vocational colleges have listed ideological and political courses as a separate category of courses and have performed their responsibilities with other categories of courses without interference. The ideological and political construction of curriculum today is an effective integration of ideological and political elements based on the characteristics and needs of all courses, forming a community. The concept of ideological and political course is deeply rooted in the hearts of students and teachers, which poses a challenge in changing the concept, resulting in a deviation in both, behavior and cognition. Some teachers themselves do not know what the ideological and political course is, neither do they know how to tap into those elements and effectively integrate curriculum and ideological and political issues. In this case, the cognition of students is much more shallow. The hard-to-change ideological understanding has seriously hindered the overall process of curriculum ideological and political construction.

(2) Curriculum and ideological education is not seen as a community

People have long held the misconception that ideological and political courses are distinct from other courses, hence they have not aggressively explored the ideological and political elements found in such courses. As a result, until the concept of curriculum ideology and politics was put forward, no one ever associated curriculum with ideology and politics as a community, much alone how to promote the construction of curriculum ideology and politics.

(3) Constructing a complete curriculum ideological and political system

Although the complete curriculum ideological and political system has a reasonable education mechanism, it still requires a scientific talent evaluation mechanism. Different courses in different majors contain different ideological and political elements, and each individual's ideological understanding also differs. Measuring the effect of ideological and political construction of courses is a problem.

3.2. Potential for the integration of craftsman spirit into Architectural Decoration Construction Technology courses

Large-scale craftsmen are skilled talents with craftsman spirit. The Architectural Decoration Construction Technology course content has laid a foundation for the production of craftsmen in many countries. Students may cultivate the spirit of craftsmen by repeatedly studying, grinding the knowledge learned in the course, and seeking breakthroughs. In this way, any course has the potential to integrate with the craftsman spirit (**Table 3**).

Table 3. Integration potential

Number	Cause	Contents
1	Repeatability of course knowledge	Learning the same knowledge in different periods will create new understandings
2	The times of curriculum knowledge	Advances in curriculum knowledge can promote the development of curriculum ideological and political construction
3	Divergence of curriculum knowledge	There is a common connection between different courses

3.3. The necessity of integrating craftsman spirit into Architectural Decoration Construction Technology courses

Architectural Decoration Construction Technology is a professional core course for Architectural Decoration Art Design majors. Based on the traditional teaching mode, it effectively integrates ideological

and political teaching elements, such as the craftsman spirit. It not only enriches the teaching content and improves the teaching quality, but also promotes the improvement of professional quality, all of which are conducive to the cultivation of great craftsmen with both, ability and political integrity in the new era.

(1) Promoting the ideological and political construction of higher vocational courses

In the traditional teaching mode, ideological and political construction has not penetrated into all aspects of higher vocational courses, resulting in a mismatch between ideological depth and skill. As one of the important ideological and political elements, the craftsman spirit can be effectively integrated into Architectural Decoration Construction Technology courses in higher vocational colleges. This would promote the upgrading of the traditional teaching mode to a new teaching mode, and subsequently establish a curriculum teaching system with ideological and political elements, so as to cultivate skilled talents with ideological and political structure.

(2) Cultivating skilled talents with ideological and political structure

In the teaching practice of Architectural Decoration Construction Technology, schools, colleges, teachers, and other staff members consciously adopt the new teaching mode in order to integrate the craftsman spirit, uncover more ideological and political elements, as well as construct and improve the curriculum teaching system with ideological and political elements. In the course teaching system with ideological and political elements, students will not only improve their professional skills, but also their ideological level, so that they can dialectically view their own values and development, and eventually develop a comprehensive understanding of their majors and future industries.

(3) Guiding students in career planning

The cultivation of craftsman spirit in the new era enables students to have a clearer understanding of themselves in the process of learning the knowledge of architectural decoration construction technology through the reform and practice of ideological and political teaching in the course. They are able to determine their strengths and recognize their shortcomings more objectively, learn from one another's strengths, and complement one another's weaknesses, thus strengthening their competitiveness for employment. With the effective integration of ideological and political elements, such as the craftsman spirit, into curriculum teaching, there is an improvement in students' ideological understanding, as well as their interest and love for their majors. Students can make sensible career decisions based on a comprehensive analysis of their own strengths.

3.4. Practical measures for the integration of craftsman spirit into Architectural Decoration Construction Technology courses

In the integration of craftsman spirit into teaching activities from different angles, it is necessary to promote the effective and reasonable application of craftsman spirit, create high-quality and high-value Architectural Decoration Construction Technology courses, create a new teaching mode for these courses, and promote the construction of a curriculum teaching system with ideological and political elements.

(1) Integrating the craftsman spirit to create a cultural environment with ideological and political elements

In order to penetrate into the hearts of people, the craftsman spirit mandates the support of an ideological and political cultural environment. In order to create a cultural environment with ideological and political elements, effort and cooperation from schools, teachers, and students are the prerequisites. First of all, schools need to focus on the publicity and education of ideological and political elements, such as the craftsman spirit, so that students may gain understanding of basic ideological and political knowledge, such as the connotation of craftsman spirit, before participating in teaching activities, thus laying their ideological foundation. Secondly, as the communicator of knowledge, teachers need to understand and have the spirit of craftsmen. Considering the characteristics and needs of Architectural Decoration Construction Technology courses, the typical stories embodying the craftsman spirit can be shared, so

that the craftsman spirit can be reasonably integrated into the teaching methods and contents. In that way, students can participate in the learning of architectural decoration and construction technology knowledge with the spirit of craftsmen under the guidance of teachers. Finally, as the recipient of ideological and political knowledge, students should actively participate and cooperate with schools and teachers to understand the craftsman spirit, and then apply the connotation of craftsman spirit to their future career development. This would not only improve the teaching quality of these courses, but also promote the cultivation of skilled talents with craftsman spirit.

(2) Using the new teaching mode to construct the curriculum teaching system with ideological and political elements

Due to the failure of the traditional teaching mode to successfully integrate ideological and political construction into professional courses, there are inconsistencies between students' professional skills and their ideological level. This hinders students from understanding their own abilities and values in a clear and objective manner, thus making poor career decisions that may affect their own growth, as well as the development of the industry, society, and even the country. Using the new teaching mode of integrating ideological and political construction into professional courses, there has been an improvement in students' ideological understanding throughout the professional knowledge learning process, which is conducive to students to make correct judgments and decisions, thus promoting the development of the industry and the society. By adopting the new teaching mode in Architectural Decoration Construction Technology courses, the problems existing in the teaching practice can be identified point-by-point, thus constructing a curriculum teaching system with ideological and political elements.

(3) Applying the craftsman spirit in class and after class to cultivate industrial talents with both ability and morality

It is often insufficient to learn professional knowledge with craftsman spirit only in class. The degree to which the learning content is absorbed in class varies depending on the learning aptitude and ideological level of each student, thus it is important to also apply the craftsman spirit to after-class learning. The developer of after-school learning activities are the best teachers as they are knowledgeable about the development of teaching courses and the proficiency of students, allowing for better application of the craftsman spirit. For example, in the establishment of an after-class teacher-led professional learning community, the community is divided into several learning groups, between teachers and students, different groups, group members, older members and newer members, and so on, in order to discuss the learning experiences and skills of architectural decoration construction technology. After working in related industries for some time, the older members can also share their experiences to the new members, so that they would be able to grasp the professional quality that professional personnel should have. This would not only improve the comprehensive quality of students, but also promote the improvement and innovation of the teaching work, as well as cultivate talents with both, ability and morality.

4. Teaching objectives

According to the current national policy on higher vocational education and the current situation of ideological and political courses, this paper analyzes the connotation of craftsman spirit, expounds the necessity of an effective integration of craftsman spirit in Architectural Decoration Construction Technology courses, and proposes practical measures for it, so as to achieve the teaching goal with quality, knowledge, and ability as the main focus (**Figure 1**).

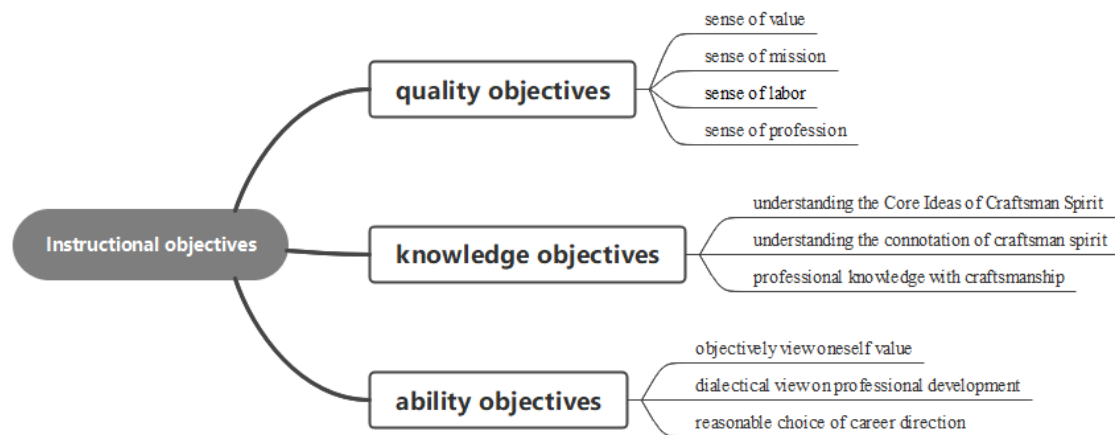


Figure 1. Objectives of ideological and political education based on the cultivation of craftsman spirit

The instructional objectives of ideological and political education reform and practice in Architectural Decoration Construction Technology courses based on the cultivation of craftsman spirit include the cultivation of talents with craftsman spirit in terms of quality, knowledge, and ability. Once these talents with craftsman spirit enter the society, they will promote the continuous development of the industry, further promote the development of other industries, and finally realize the upgrading of the country from a “big country” to a “powerful country.”

5. Conclusion

Under the background of higher vocational education reform and practice in the new era, higher vocational colleges need to grasp the concept of craftsman spirit, explore and integrate the connotation of craftsman spirit, create a cultural environment with ideological and political elements, realize the transformation and upgrading of the traditional teaching mode into a new teaching mode, construct and improve the teaching system of ideological and political courses, as well as cultivate talents with both, ability and morality. Based on the cultivation of craftsman spirit, the Architectural Decoration Construction Technology course has realized the multi-angle optimization and innovation of professional knowledge and its ideological level, enriched the content of the course, improved the quality of the course teaching, cultivated students with good professional quality and correct ideas, as well as laid a solid foundation for the upgrading of China from a “big country” to a “powerful country.”

Funding

Teaching Reform Research Project of Zhejiang Tongji Vocational College of Science and Technology in 2021 (Project Number: JG202109)

2021 Zhejiang Vocational Education and Adult Education Research Project (Project Number: 202124)

Disclosure statement

The authors declare no conflict of interest.

References

- [1] Chen J, 2022, Integration Dimension and Teaching Practice of Ideological and Political Education and Craftsman Spirit Cultivation in Vocational Colleges. *Journal of Jilin University of Education*, 38(03): 47–51. <https://doi.org/10.16083/j.cnki.1671-1580.2022.03.011>

- [2] Ju M, Ju D, 2018, Teaching Design and Practice of Professional Courses Under the Background of Cultivating Craftsman Spirit – Taking Mechanical Drawing Course as an Example. *Occupation*, 2018(27): 38–39.
- [3] Ren B, Wang C, Bao Y, et al., 2021, Research on Ideological and Political Teaching Practice of Road and Bridge Specialty Courses Under the Background of ‘Craftsman Spirit’ – Taking ‘Construction Organization Design’ as an Example. *Green Building Materials*, 2021(03): 104–105.
- [4] Ikeran G, 2020, Research on Classroom Teaching Practice of Clothing Structure Under the Background of Craftsman Spirit. *Education and Teaching Forum*, 2020(46): 361–362.
- [5] Song L, Wang J, Zhu H, 2019, Research on the Educational Theory and Teaching Practice of ‘Craftsman Spirit’ of Art Talents in Colleges and Universities. *Design*, 32(09): 136–138.
- [6] Liu Z, 2021, Research on the Teaching Practice of Arts and Crafts Major in Higher Vocational Colleges Under the Background of ‘Craftsman Spirit’. *Textile Industry and Technology*, 50(07): 151–152.
- [7] Zhang J, Zhang Q, 2022, The Necessary Meaning, Promotion Dimension and Practical Path of Curriculum Ideological and Political Construction in Higher Vocational Colleges. *China’s Vocational and Technical Education*, 2022(02): 35–40.
- [8] Liu B, Jin Z, 2021, Thoughts on Promoting Ideological and Political Construction of Curriculum in Vocational Colleges. *China Vocational and Technical Education*, 2021(12): 105–108.

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