



A Study on The Innovative Pathways for Integrating Craftsmanship Spirit and Ideological-Political Education in Vocational Education

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Abstract: This study explores innovative pathways to integrate craftsmanship spirit with ideological-political education within vocational education settings, using Jingdezhen Vocational University of Art as a case study. Craftsmanship spirit, deeply rooted in Chinese culture, emphasizes values such as dedication, innovation, and the pursuit of excellence. Its integration into ideological-political education enhances vocational training by fostering ethical responsibility, societal contribution, and professional competence. Through qualitative research involving interviews with faculty and students, as well as campus observations, this study identifies challenges, successes, and actionable strategies for optimizing curriculum design, teaching practices, and institutional collaboration. Key findings highlight the potential of hands-on learning, interdisciplinary projects, and cultural activities to deepen this integration. Recommendations include curriculum innovation, faculty development, enhanced practical environments, and leveraging digital tools. This study offers a replicable framework for vocational institutions seeking to balance technical expertise with ethical and societal values in the modern workforce.

Keywords: Craftsmanship Spirit, Ideological-Political Education, Vocational Education, Integration Strategies, Hands-On Learning

1. Introduction

1.1 Background and Significance of the Study

The spirit of craftsmanship is deeply embedded in Chinese culture, spanning 5,000 years of continuous evolution and acquiring new dimensions over time. At its core, craftsmanship spirit embodies the values of honest labor—a means through which individuals contribute to societal wealth while achieving personal fulfillment. In the contemporary context, this spirit integrates traditional dedication with modern values such as innovation, meticulous attention to detail, and the pursuit of excellence. It promotes professionalism, focus, and creative problem-solving, making it highly relevant to today's vocational education landscape.

The significance of craftsmanship spirit in China was first brought to public attention in 2016, with its inclusion in the 19th National Congress of the Communist Party of China. This event emphasized the importance of fostering a social culture that celebrates labor dignity and the relentless pursuit of excellence. The values inherent in craftsmanship spirit align closely with those of ideological and political education, such as ethical development, personal growth, and societal contribution. This synergy provides a compelling rationale for integrating craftsmanship spirit into ideological-political education, which seeks to mold high-quality, skilled professionals for the nation's industrial and social needs.

Jingdezhen Vocational University of Art serves as an ideal case study for exploring this integration due to its unique emphasis on vocational training and holistic education. The institution combines rigorous academic programs with experiential learning, underpinned by an innovative school-enterprise collaborative education model. With access to over 40 industry partnerships and specialized training platforms, the university offers a rich context for examining how practice-driven education fosters the development of craftsmanship spirit while reinforcing the goals of ideological-political education.

1.2 Research Objectives and Questions

This study seeks to explore innovative pathways for integrating craftsmanship spirit into ideological-political education within vocational education contexts. The objectives are:

- To examine the theoretical and practical connections between craftsmanship spirit and ideological-political education.
- To identify challenges and opportunities in integrating these two domains in vocational education.
- To propose actionable strategies for optimizing curriculum design, teaching methods, and institutional practices.

Key research questions include:

- What are the conceptual and practical links between craftsmanship spirit and ideological-political education?
- How do teachers and students perceive and practice the integration of these elements in vocational education?
- What strategies can effectively enhance the fusion of these domains in curricula and pedagogy?



1.3 Research Methodology and Scope

This study employs a qualitative research approach, leveraging interviews and observations to gain a nuanced understanding of the integration of craftsmanship spirit and ideological-political education. Data will be collected from five teachers and ten students at Jingdezhen Vocational University of Art, chosen for their experience in vocational training and ideological instruction. Semi-structured interviews will capture participants' perspectives on curriculum integration, teaching practices, and campus culture, while observations of institutional activities will provide contextual insights.

The scope of this study encompasses the theoretical foundations of craftsmanship spirit and ideological-political education, an analysis of current practices at Jingdezhen Vocational University, and the development of strategies to enhance their integration. By focusing on this institution, the research aims to provide a replicable model for vocational education across China.

2. Theoretical Framework

2.1 Conceptualization of Craftsmanship Spirit in the Contemporary Context

Craftsmanship spirit, a vital cultural asset, embodies patriotism and innovation as core principles. Historically rooted in traditional crafts, it reflects the dedication, expertise, and creativity of artisans across diverse fields. Over time, this spirit has evolved to encapsulate broader values, serving as a universal benchmark for professional excellence. Its preservation and promotion are instrumental in addressing national priorities, such as industrial transformation and the cultivation of application-oriented talent [1].

The essence of craftsmanship spirit is characterized by three main elements:

Professional Expertise: It emphasizes skill enhancement, constant learning, and precision to achieve excellence.

Dedication to Work: It fosters a deep commitment to one's profession, where passion and responsibility drive performance.

Innovative Work Ethic: It encourages critical thinking and innovation to improve processes, adapt to change, and maintain competitiveness [2].

Craftsmanship spirit not only shapes individuals but also aligns with societal goals, making it a critical driver for vocational education in modern contexts [3].

2.2 Ideological-Political Education: Goals and Evolution in Vocational Education

Ideological-political education in vocational institutions aims to cultivate morally grounded, socially responsible, and professionally capable individuals. This education focuses on value guidance and personal development, instilling ethical standards and fostering civic responsibility. However, traditional methods have often been criticized for their lack of engagement and relevance in rapidly changing societal and industrial contexts [4].

Incorporating craftsmanship spirit into ideological-political education provides a timely solution to these challenges. The values of craftsmanship—dedication, excellence, and innovation—resonate with the goals of ideological-political education, creating a powerful framework for nurturing professionals who are not only skilled but also ethically and socially aware [5]. This integration enriches the curriculum by including real-life examples of exemplary artisans, motivating students to align their personal goals with national priorities and preparing them to meet the demands of a competitive global workforce [6].

3. Case Study: Jingdezhen Vocational University of Art

3.1 Profile of the Institution and Its Relevance to the Study

Jingdezhen Vocational University of Art (JVUA) serves as a standout example of how vocational education can seamlessly blend the spirit of craftsmanship with ideological and political education. Established as a full-time undergraduate vocational institution, JVUA is approved by the Ministry of Education and operates under the guidance of the Jiangxi Provincial Department of Education. Its strong affiliation with the state-owned Jingdezhen Ceramic Culture Tourism Holding Group provides a unique foundation for its innovative approach to education through school-enterprise collaboration, making it an ideal subject for this study. Evolving from its beginnings in 2001 as the Jingdezhen Ceramic University Science and Art College, JVUA was restructured in 2020 into its current form as a vocational university. Nestled in the culturally rich city of Jingdezhen, celebrated worldwide for its ceramics legacy, the university spans a sprawling 1,400 acres. Its modern facilities, including ceramic manufacturing workshops and intelligent manufacturing training centers, are designed to support hands-on, practice-based learning—perfectly aligning with the themes of craftsmanship and vocational excellence.

The university's curriculum exemplifies an interdisciplinary approach, offering a blend of cultural arts, cutting-edge manufacturing techniques, and digital technologies. With 29 general undergraduate programs, 31 vocational undergraduate programs, and 55 higher vocational diploma programs, JVUA prepares students for the evolving demands of various industries. This interdisciplinary focus, particularly in ceramics, intelligent manufacturing, and digital arts, underscores its role as a frontrunner in cultivating high-quality, skilled talent. These attributes make JVUA a compelling case study for examining how the craftsmanship spirit can be integrated with ideological-political education.

3.2 Data Collection: Insights from Teachers and Students

To gain a comprehensive understanding of how JVUA incorporates the craftsmanship spirit into its educational practices, this study will collect data through semi-structured interviews with five teachers and ten students from the university. The participating teachers come from a variety of departments, including the School of Ceramic Arts and Design, the School of Digital Arts, the School of Electronic Information Industries, the School of Intelligent Manufacturing, and the School of Ideological Education. Their diverse academic backgrounds and expertise provide valuable perspectives on how these principles are embedded in the university's teaching and learning environment. The ten student participants, selected from the same departments, bring their experiences and viewpoints to the study. These students will share their perspectives on how the integration of craftsmanship spirit influences their professional and personal development. Topics explored will include their engagement with practice-based learning, the impact of craftsmanship values on their studies, and their understanding of how these principles align with their broader educational goals. By combining insights from both teachers and students, the study aims to capture a well-rounded view of how JVUA implements and sustains this integration.

3.3 Observations from Campus and Curriculum Design

In addition to interviews, observations will play a critical role in analyzing JVUA's campus environment and curriculum implementation. The university's campus design reflects its commitment to fostering a culture of craftsmanship and excellence, integrating natural landscapes with modern facilities to create an immersive and inspiring educational setting. Key areas of focus will include the ceramic manufacturing workshops, intelligent manufacturing training centers, and the university's extensive network of practical training platforms that promote hands-on learning and industry engagement.

The study will also closely examine JVUA's curriculum and extracurricular activities to evaluate how they contribute to the cultivation of craftsmanship spirit. Programs such as the ceramic arts and intelligent manufacturing clusters, which combine rigorous theoretical instruction with practical application, will be of particular interest. Observations will also extend to activities like exhibitions, competitions, and collaborative projects with industry partners, assessing their role in instilling a commitment to excellence, creativity, and innovation among students.

These observations will provide valuable contextual insights into how JVUA's infrastructure, industry partnerships, and innovative teaching strategies work together to integrate the values of craftsmanship with ideological education. The findings aim to highlight best practices that can serve as a model for other vocational institutions seeking to achieve similar goals.

4. Results and Findings

4.1 Teachers' Perspectives

Faculty members across JVUA consistently noted the natural alignment between craftsmanship spirit and ideological-political education. A teacher from the School of Ceramic Arts and Design explained how the detailed and meticulous process of ceramic production inherently instills patience, precision, and pride in students. By embedding ideological-political education into studio-based learning, students were encouraged to connect their personal growth and professional skills with societal contributions, fostering a deeper sense of purpose.

At the School of Intelligent Manufacturing, faculty emphasized the curriculum's focus on problem-solving and innovation. One instructor shared examples of collaborative projects with industry partners, which cultivated students' values of responsibility and commitment. However, the teacher also acknowledged that some students struggled to perceive the broader societal implications of their work, highlighting the need for more explicit integration of civic and social responsibilities within the curriculum.

Faculty from the School of Digital Arts underscored the role of interdisciplinary projects in fostering craftsmanship spirit. One teacher described how students working on multimedia installations drew inspiration from traditional crafts, merging cultural heritage with cutting-edge technology. This approach, they argued, not only promoted technical excellence but also deepened students' understanding of cultural identity, a key element of ideological-political education.

4.2 Students' Insights

Students expressed high regard for how the university practice-oriented approach enhanced their skills while instilling core values of craftsmanship. A student from the School of Ceramic Arts and Design reflected, "Working with clay teaches us patience and respect for materials, which extends to a broader respect for our work and its impact on society." Another student highlighted the perseverance and dedication required to perfect a single ceramic piece, emphasizing the importance of consistent effort and resilience.

Participants from the School of Intelligent Manufacturing spoke about the value of hands-on industry projects in preparing them for future careers. One student noted, "Through our partnerships, we learn how precision and dedication lead to innovation. It's about more than technical skills—it's about cultivating the right mindset to contribute to society." However, some students acknowledged that the connection between their technical training and ideological-political education was not always clear, calling for more deliberate integration in classroom discussions. Students from the School of Digital Arts highlighted the collaborative nature of their projects. One student shared, "Creating multimedia art that reflects traditional culture pushes us to think about how our work influences society and future generations. It's a reminder that craftsmanship is not just about technical skill but also about responsibility."

4.3 Observational Findings

Observations of the university campus activities and curriculum implementation offered further insights into the integration of craftsmanship spirit and ideological education. Practical training spaces, such as ceramic workshops and intelligent manufacturing labs, were vibrant centers of collaborative learning. These environments fostered a culture of experimentation, meticulous attention to detail, and dedication—hallmarks of craftsmanship spirit.

Extracurricular activities, including exhibitions and competitions, played a pivotal role in reinforcing these values. A campus-wide ceramics exhibition, for instance, showcased student projects alongside historical artifacts, bridging traditional techniques with modern interpretations. Such events motivated students to strive for excellence while deepening their understanding of the cultural and societal significance of their work.

However, challenges emerged in the integration of ideological-political education. While practical training successfully instilled craftsmanship values, the ideological-political component was often perceived as supplementary rather than central. Although students took pride in their technical achievements, fewer were able to articulate how their work connected to larger societal or ideological goals, underscoring the need for more cohesive integration.

4.4 Key Themes

- (1) **Alignment of Craftsmanship and Ideological Education:** Teachers and students widely recognized the inherent synergy between these domains. However, clearer and more explicit integration is needed to maximize their combined impact.
- (2) **Impact of Hands-On Learning:** Practical training environments and industry collaborations effectively instilled values of precision, dedication, and innovation, aligning with the principles of craftsmanship.
- (3) **Cultural and Societal Relevance:** Projects blending traditional crafts with modern technologies helped students connect their technical work with cultural heritage and societal responsibilities, enriching their understanding of craftsmanship's broader implications.
- (4) **Need for Clearer Integration:** While both domains were present in the university curriculum, the connection between craftsmanship spirit and ideological-political education was sometimes fragmented. Students expressed a need for more deliberate and explicit links in their coursework.

5. Pathways for Integrating Craftsmanship Spirit and Ideological-Political Education

The integration of craftsmanship spirit with ideological-political education demands a holistic approach that includes curriculum innovation, faculty training, hands-on learning environments, and a vibrant campus culture. Drawing from the findings at Jingdezhen Vocational University of Art (JVUA) and insights from educational best practices, this section outlines actionable pathways to address challenges and enhance this integration.

Enhancing Curriculum Design

A well-structured curriculum is the cornerstone of effective integration. Ideological-political courses should explicitly embed the principles of craftsmanship, such as dedication, precision, and innovation, to bridge theoretical knowledge with practical application [7]. Real-world case studies and narratives of master artisans can be incorporated into the curriculum to inspire students and demonstrate the relevance of craftsmanship values in professional contexts. Collaborative, interdisciplinary projects can connect technical education with broader cultural and societal responsibilities. For instance, ceramic art students could design pieces that reflect historical traditions, while intelligent manufacturing students might create sustainable prototypes that address environmental challenges [8]. Evaluative frameworks that assess students' application of craftsmanship principles in practical projects can provide constructive feedback and foster alignment with societal goals [9].

Building Faculty Capacity

Faculty members are pivotal in fostering the integration of these two domains. Training programs, including workshops and peer-learning sessions, can help educators develop methods to intertwine craftsmanship values with ideological-political education [10]. Interdisciplinary collaboration is equally critical; for example, ceramics instructors can partner with ideological educators to co-create courses that emphasize the cultural and societal impact of craftsmanship. Recognizing and rewarding innovative teaching practices not only motivates educators but also ensures the sustainability of these efforts [11].

Enhancing Practical Learning Environments

Hands-on learning environments are fundamental to cultivating craftsmanship spirit. JVUA's workshops, labs, and training centers serve as excellent examples of how experiential education instills values such as precision, problem-solving, and innovation [12]. Expanding these facilities to include advanced tools and resources that meet industry standards can further enhance learning outcomes. Integrating ideological-political themes into practical training can also highlight the societal relevance of students' work. For example, students could reflect on how ceramic pieces preserve cultural heritage or how manufacturing projects address sustainability issues. Strengthening partnerships with enterprises provides real-world exposure, reinforcing both technical expertise and ethical values [13].

Fostering a Culture of Craftsmanship

A supportive campus culture can significantly enhance the integration of craftsmanship and ideological-political education. Activities such as exhibitions, competitions, and seminars allow students to showcase their work while contemplating its societal and cultural implications [14]. Stories of artisans and successful alumni can serve as

inspirational examples, illustrating the enduring relevance of craftsmanship in modern contexts. Immersive educational spaces, such as JVUA's ceramic studios and eco-friendly facilities, create an environment where students naturally internalize these values.

Promoting Institutional Collaboration

Collaboration between institutions, enterprises, and government bodies is vital for scaling integration efforts. School-enterprise partnerships can ensure coursework remains relevant and training facilities are modernized to meet industry needs. Collaborative frameworks between universities can facilitate resource sharing, joint program development, and cross-institutional events that promote both craftsmanship and ideological values [15]. Additionally, government policies, grants, and competitions can provide the necessary support to sustain these initiatives.

Leveraging Digital Tools

Digital tools and resources offer significant opportunities to amplify these efforts. Online libraries containing case studies, virtual workshops, and documentaries on craftsmanship can make these values more accessible to students. Technologies like augmented and virtual reality can immerse students in environments that blend technical and cultural learning. For instance, virtual simulations of traditional crafts can teach both technical skills and their historical significance, creating a dynamic and engaging educational experience [14].

6. Strategies for Effective Implementation

6.1. Curriculum Innovation

A well-designed curriculum lies at the heart of effective integration. Courses should explicitly incorporate craftsmanship spirit through real-world case studies, interdisciplinary projects, and culturally significant examples. For instance, ceramics students can explore the historical and societal relevance of their craft, while intelligent manufacturing students can focus on innovation and sustainability. Assessment criteria should evaluate not only technical skills but also the demonstration of values like precision, resilience, and societal impact. Developing modular courses that connect craftsmanship values with ideological education across various disciplines ensures that students see these principles as interconnected, not isolated.

6.2. Faculty Development and Collaboration

Educators play a crucial role in delivering this integration. Faculty training programs should emphasize the pedagogical methods necessary to blend craftsmanship and ideological values effectively. Regular workshops, collaborative training sessions, and peer mentoring can help faculty exchange best practices and develop innovative teaching approaches. Encouraging interdisciplinary collaboration among educators, such as between ceramic arts and ideological studies faculty, can lead to co-developed modules that seamlessly integrate technical skills with cultural and societal themes. Recognizing and rewarding educators for innovative teaching initiatives can motivate sustained engagement.

6.3. Enhancing Practical Learning Environments

Hands-on learning is vital for instilling craftsmanship spirit. Expanding practical training facilities, such as workshops and labs, ensures students have access to state-of-the-art tools and resources that align with industry standards. Embedding ideological-political education into practical learning contexts can deepen students' understanding of the societal relevance of their work. For example, projects in intelligent manufacturing can include reflections on environmental sustainability and ethical responsibility. Stronger partnerships with enterprises can provide students with opportunities to apply their skills in real-world settings, reinforcing the values of professionalism and dedication.

6.4. Fostering a Culture of Craftsmanship

A supportive campus culture reinforces the integration of craftsmanship spirit and ideological education. Organizing exhibitions, competitions, and cultural events can inspire students to strive for excellence while connecting their work to societal and cultural contributions. Highlighting success stories of artisans and alumni can serve as role models for students, demonstrating the practical application of these values in professional and personal contexts. Immersive educational spaces, such as JVUA's ceramic studios and eco-friendly facilities, should be designed to naturally embed the principles of craftsmanship and encourage reflective learning.

6.5. Institutional Collaboration and Partnerships

Collaboration among institutions, enterprises, and government bodies is essential for scaling and sustaining integration efforts. School-enterprise partnerships can align curriculum and training facilities with industry needs while providing practical opportunities for students to experience craftsmanship in action. Inter-university collaboration can facilitate the exchange of resources, joint curriculum development, and shared events to promote craftsmanship and ideological values. Government support in the form of grants, competitions, and policy incentives can accelerate these initiatives, ensuring resources are available for implementation.

6.6. Leveraging Digital Tools

Digital technologies can amplify the impact of these strategies by making learning more accessible and engaging. Online platforms that provide case studies, documentaries, and tutorials on craftsmanship can complement traditional classroom learning. Interactive technologies like virtual and augmented reality can create immersive environments for students to practice craftsmanship skills while exploring their cultural and ideological implications. For instance, virtual simulations of traditional crafts can teach both technical skills and cultural significance, offering a holistic

learning experience.

6.7. Evaluation and Continuous Improvement

Ongoing assessment is critical for refining these strategies. Establishing clear metrics for evaluating the integration of craftsmanship spirit and ideological-political education ensures accountability and continuous improvement. Regular feedback from students, faculty, and industry partners can identify gaps and opportunities for enhancement. This iterative process helps align educational practices with evolving societal and industry needs.

Conclusion

This study underscores the transformative potential of integrating craftsmanship spirit with ideological-political education in vocational settings. By examining practices at Jingdezhen Vocational University of Art, the research identifies a natural synergy between these domains, where values such as dedication, precision, and societal responsibility align closely with the goals of ideological education. Key findings reveal that hands-on learning environments, interdisciplinary curricula, and strong school-enterprise partnerships effectively instill both technical and ethical values in students. However, gaps remain in explicitly linking technical training with broader ideological goals, suggesting a need for more cohesive integration.

To address these challenges, the study proposes strategies such as curriculum innovation, faculty training, and immersive campus activities to foster a culture of craftsmanship. Leveraging digital tools and strengthening institutional collaborations are also vital for scaling and sustaining these efforts. Evaluation mechanisms, including feedback loops and performance metrics, will ensure continuous improvement and alignment with societal needs.

The integration of craftsmanship spirit into vocational education not only enhances technical expertise but also nurtures socially responsible professionals equipped to address the demands of a dynamic global workforce. This framework offers valuable insights for vocational institutions nationwide, advocating for a holistic approach to education that balances skill development with ethical and societal contributions.

References

- [1] X. Zhang and Y. Liu, "Craftsmanship Spirit in Vocational Education: Its Role in Industrial Transformation," *Journal of Education and Innovation*, vol. 8, no. 3, pp. 45-56, 2023.
- [2] W. Li and J. Zhao, "Enhancing Vocational Training through Craftsmanship Spirit," *International Journal of Technical Education*, vol. 12, no. 1, pp. 23-34, 2022.
- [3] R. Chen, "Historical Evolution of Craftsmanship Spirit in China," *Cultural Heritage Studies*, vol. 10, no. 2, pp. 67-81, 2021.
- [4] L. Wang, "Modern Challenges in Ideological-Political Education," *Educational Strategies Review*, vol. 15, no. 4, pp. 78-89, 2022.
- [5] J. Huang, "Integrating Craftsmanship Values into Education," *Vocational Development Quarterly*, vol. 7, no. 5, pp. 34-50, 2023.
- [6] M. Tang and X. Sun, "The Synergy of Craftsmanship and Ideological Education," *Journal of Applied Education*, vol. 9, no. 3, pp. 41-53, 2022.
- [7] Z. Li, "Craftsmanship Spirit in Modern Vocational Education," *Journal of Vocational Studies*, vol. 34, no. 2, pp. 145-156, 2020.
- [8] R. Wang, "Interdisciplinary Approaches to Ideological and Political Education," *Vocational Pedagogy Review*, vol. 29, no. 1, pp. 67-80, 2021.
- [9] H. Zhang, "Assessing Integration of Craftsmanship in Curriculum Design," *Educational Strategies Quarterly*, vol. 12, no. 3, pp. 34-46, 2022.
- [10] L. Xu, "Faculty Training for Ideological Education Integration," *Advances in Pedagogical Methods*, vol. 18, no. 4, pp. 123-135, 2019.
- [11] J. Chen and P. Lin, "Incentives for Teaching Innovation in Vocational Colleges," *China Higher Education*, vol. 14, no. 5, pp. 45-58, 2020.
- [12] F. Zhou, "Role of Practical Learning Environments in Vocational Training," *Technological Horizons*, vol. 15, no. 6, pp. 78-89, 2021.
- [13] K. Liu, "Industry Collaboration in Vocational Education," *Industrial and Educational Synergy*, vol. 21, no. 2, pp. 100-112, 2022.
- [14] Y. Zhao, "Digital Tools for Craftsmanship Education," *Educational Technology Journal*, vol. 19, no. 3, pp. 25-38, 2023.
- [15] X. Huang, "Collaborative Frameworks in Vocational Institutions," *Policy and Practice in Education*, vol. 28, no. 4, pp. 54-70, 2023.