

A Study on the Integration of Craftsmanship Spirit into the Teaching of Vocational Schools: Taking the Electrical Equipment Operation and Control Major as an Example

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Abstract: The Electrical Equipment Operation and Control major in vocational schools is mainly aimed at vocational school students or other social individuals who want to learn the electrical equipment operation and control major. However, in the process of education and teaching, due to the relatively weak knowledge foundation of the teaching subjects and limited understanding of professional prospects and future development, the learning process is relatively difficult. Therefore, it is necessary for vocational school teachers to actively adopt more diverse methods in the teaching process of electrical equipment operation and control, and to use these teaching methods to enhance the spirit of model workers Integrating the spirit of labor and craftsmanship into teaching.

Keywords: Craftsman Spirit; Secondary Vocational Education; Electrical Equipment Operation and Control; Teaching Research

Introduction

With the continuous development of modern education and teaching, as well as the continuous reform and innovation of schools in education, the new teaching methods used are also different from traditional teaching methods, which can provide more beneficial knowledge for students in teaching. This reflects the importance of teaching models in the teaching process, and the Electrical Equipment Operation and Control major is also a combination of theoretical knowledge and practical technology, This requires teachers to fully integrate theory and practice in the teaching process, and enhance students' ability to master and apply knowledge. We need to adopt more diverse ways to strengthen the infiltration of craftsmanship spirit, so that students can develop a rigorous and serious work attitude.

1. The specific concept of craftsmanship spirit

Craftsman, literally understood as a craftsman with craftsmanship skills, embodies the spirit of striving for excellence in production. The craftsmanship spirit advocated now requires these professionals to adhere to their positions in their profession, maintain a relative love for the work they carry out, and approach the exploration of craftsmanship in their work with a meticulous spirit and attitude. And they also have strict standards and requirements for their own products. In summary, the spirit of craftsmanship is the work connotation of professional personnel who are dedicated, dedicated, serious, and focus on professionalism and innovation, striving for excellence.

The spirit of craftsmanship also requires professionals to have a full understanding of their positions and industries, and to be able to regard dedication and dedication as the cornerstone of their profession. And before engaging in this industry, one must also have a deep understanding of their industry. Only by fully understanding the position and industry can one love their work more. In simple work, day in and day out effort, dedicated research produces a craftsman like spirit of focus, reflecting one's own value in the industry. And it also requires a large number of professionals to adhere to their professional ethics, carry out production work in accordance with industry rules, and strictly demand their professional ethics in order to better respond to the spirit of craftsmanship.

2. Current teaching status of electrical equipment operation and control in vocational schools

2.1 Insufficient professional training

At present, the current teaching situation in the field of electrical equipment operation and control in vocational schools is that the professional training is not rich enough. However, in order to better integrate the spirit of craftsmanship, there are corresponding deficiencies in this aspect. Because for the integration of craftsmanship spirit into the teaching process of secondary vocational education, it is necessary for secondary vocational teachers to fully carry out relevant teaching positioning, strengthen the practical training content of the course, and only in the continuous training process can the professional level of students be improved to a certain extent. Only when students have strong professional abilities can they better complete the arranged work and practical training content, Only then can we strengthen training in the professional work of course learning, more deeply explore the professional skills involved, and better respond to the spirit of craftsmanship. And the external manifestation of the craftsmanship spirit is also reflected in the professional skills of professionals. Therefore, in order to better correct the current teaching situation of electrical majors in vocational schools, it is necessary for teachers to actively carry out more diverse professional training, improve in the continuous training process, and better implement the craftsmanship spirit in it.

2.2 Insufficient emphasis on professional literacy education

Due to the high requirements for students' professional skills in current vocational colleges and a certain degree of neglect in terms of professional literacy, this issue will also affect the work of students in the future. There may be certain deficiencies in the overall quality of work, including professional ethics, work style, and professional awareness. Therefore, in guiding students to learn professional knowledge, Teachers should seize this stage in a timely manner to provide students with sufficient professional literacy education, so that students can face the learning of professional literacy with a positive attitude. Through vocational training, students can be guided by the spirit of craftsmanship and better engage in the study of electrical engineering in vocational schools. Enable every student to value the improvement of their professional literacy and better enhance their professional level in the study of electrical engineering.

3. The significance of actively integrating the spirit of craftsmanship into vocational education

3.1 Promoting the improvement of students' comprehensive professional literacy

The spirit of craftsmanship requires professionals to possess a high level of professional literacy, truly love their career, and fulfill corresponding obligations and responsibilities in their profession. Therefore, in the teaching process of vocational education, teachers should use the spirit of craftsmanship as the guiding teaching spirit of professionals, which can better cultivate students' comprehensive professional literacy in this area. Enable every vocational school student to understand the rules and adhere to their professional ethics. And under the guidance of the spirit of craftsmanship, it can also promote vocational school students to have a deeper understanding of the industry they are engaged in, and fully cultivate their love and dedication to work, so that they can fully improve their comprehensive professional literacy.

3.2 Cultivate excellent professionals in electrical equipment operation and control

Actively integrating the spirit of craftsmanship into the electrical equipment operation and control major in vocational education can also help cultivate excellent electrical equipment operation and control professionals to a certain extent. With the continuous development of education and teaching, as well as the progress of the times, it is even more required for them to focus on innovation and keeping up with the times in professional abilities under the guidance of the spirit of craftsmanship. So from this perspective, actively integrating the spirit of craftsmanship into the teaching process of electrical majors in vocational schools can also play a guiding role, pointing out the development direction and professional training direction of electrical equipment operation and control majors can more effectively promote the learning of electrical equipment operation and control professionals, enabling them to pay more attention to cultivating their professional skills under the guidance of the spirit of craftsmanship. Fully cultivate outstanding talents in the field of electrical equipment operation and control, so that they can be fully influenced by the spirit of craftsmanship.

4. Effective strategies for integrating the spirit of craftsmanship into vocational education

4.1 Strengthening Professional Education

In order to enable students to have a better understanding of the learning content and situation in the field of electrical equipment operation and control, and to better carry out the study of electrical equipment operation and control under the guidance of the spirit of craftsmanship, it is necessary for teachers to pay attention to strengthening relevant professional education, carry out more professional teaching activities, and promote students to fully understand the professional situation in the teacher led professional education process. And through such learning, one can make a good plan for learning, and before embarking on a professional position, one can also have an understanding of the situation of the position and industry. Only under the guidance of the spirit of craftsmanship can they better learn the operation and control of electrical equipment, fully enhance their professional level and skills, and fully apply the learned professional skills to future professions and positions.

4.2 Strict professional training

Actively conducting professional practical training is also a very important part of the education and teaching process in vocational colleges, because for students in vocational colleges, they have strong hands-on abilities and are very willing to engage in relevant practical activities and operations. Therefore, conducting professional training related to the operation and control of electrical equipment can enable students to achieve a full understanding of relevant professional knowledge during the training process. Through continuous understanding and proficient operation, students can also better grasp the professional knowledge of electrical equipment operation and control. In the process of long-term training, it can cultivate students to develop rigorous and serious training habits, To enable students to have a better grasp of the practical development of electrical equipment operation and control, and also to be able to better operate in their future careers and work processes. It can also cultivate students to form the most important rigorous and serious work attitude in the spirit of craftsmanship.

5. Conclusion

Under the guidance of the spirit of craftsmanship, in order to better cultivate outstanding talents in the operation and control of electrical equipment in vocational schools, it is necessary for teachers to adopt appropriate educational and teaching methods, fully explore the professional connotation contained in the spirit of craftsmanship, and implement it into daily education and teaching processes, so that every student can be guided by the spirit of craftsmanship in their daily professional learning process, and develop a rigorous and serious work attitude. At the same time, it is also required that schools can explain and teach courses to students based on the relevant employment standards of professionals, so that students can better understand knowledge and lay a solid foundation for the spirit of craftsmanship through such learning, and cultivate more outstanding new era vocational and technical talents.

References

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