

Exploration of Modern Apprenticeship Education Mechanism in Higher Vocational Colleges under the Background of “Double High Plan”

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[**Abstract**] The “double high” plan has brought significant reform to China’s higher education. Under this background, higher vocational colleges are actively exploring new education mechanisms. As a new educational mode, modern apprenticeship aims to cultivate students’ practical and innovative ability through the combination of practice and theory, which has been paid attention to and tried by more and more higher vocational colleges. This paper will start from the background of the “double high” plan, discuss the development and application of modern apprenticeship in higher vocational colleges, analyze its existing problems and development trend, and put forward corresponding suggestions and measures, in order to provide reference for higher vocational colleges to achieve the goal of education.

[**Key words**] double high plan; higher vocational colleges; modern apprenticeship; education mechanism

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1 Introduction

The “double high” plan is one of the important measures of China’s education reform, which aims to accelerate the improvement of people’s education level and enhance the country’s innovative ability in science and technology and international competitiveness. As an important part of the “double high” plan, higher vocational colleges’ education has been widely concerned and valued. The traditional mode of higher vocational education focuses on knowledge transfer and skill training, but often ignores the cultivation of students’ practical and innovative ability, which is difficult to meet the needs of the talent market. As a new educational mode, modern apprenticeship aims to cultivate students’ practical and innovative ability through the combination of practice and theory, which has been paid attention to and tried by more and more higher vocational colleges. This paper will start from the background of the “double high” plan, discuss the development and application of modern apprenticeship in higher vocational colleges, analyze its existing problems and development trend, and put forward corresponding suggestions and measures, in order to provide reference for higher vocational colleges to achieve the goal of education.

2 Current situation of higher vocational colleges under the background of “double high” plan

The implementation of “double high” plan has greatly improved the school – running environment and conditions of higher vocational colleges. The government’s strong support and capital investment provide more opportunities and conditions for higher vocational colleges to promote higher vocational education to better serve the local economic and social development. With the change of national policy guidance and market demand, higher vocational colleges are also constantly improving and innovating in the education mechanism, and actively exploring the development and application of modern apprenticeship.

(1) The popularization and application of modern apprenticeship system has been continuously strengthened. In recent years, with the implementation of the “double high” plan and the change of social needs, higher

vocational colleges have gradually made modern apprenticeship one of the important education modes. By means of school-enterprise cooperation and integration of production and education, students will be placed in the practice scene, so that they can better master practical skills and experience. The popularization and application of modern apprenticeship not only improves the employment competitiveness of students, but also promotes industrial development and social progress.

(2) The concept of education in higher vocational colleges continues to be innovated. Under the background of the “double high” plan, the educational concept of higher vocational colleges has also been constantly innovated and improved. Traditional classroom teaching has been unable to meet the needs of students, higher vocational colleges began to pay attention to practical teaching and innovation and entrepreneurship education. Through various forms of practical activities and innovation and entrepreneurship projects, higher vocational colleges provide students with a more extensive education platform and broaden their horizons and development space.

(3) The cooperation between higher vocational colleges and enterprises has been continuously strengthened. The cooperation between higher vocational colleges and enterprises is getting closer and closer, and school-enterprise cooperation has become an important way to promote the development of modern apprenticeship. Through school-enterprise cooperation, higher vocational colleges can better understand the needs and requirements of enterprises, and provide students with practical opportunities and projects closer to reality. At the same time, school-enterprise cooperation can also improve the teaching quality and level of higher vocational colleges, promote industrial upgrading and personnel training.

3 Role of modern apprenticeship in the education mode of higher vocational colleges

Modern apprenticeship is a new educational mode in higher vocational colleges, which aims to cultivate students' practical and innovative ability through the combination of practice and theory. In higher vocational colleges, the application of modern apprenticeship can help students better adapt to the practical environment and market demand, and improve students' employment competitiveness and innovation and entrepreneurship ability.

(1) Cultivate practical ability. The core idea of modern apprenticeship is to help students gradually improve their practical ability in practice through the combination of practice and theory. In higher vocational colleges, students' practical ability is one of the important standards to measure their employability. The application of modern apprenticeship can enable students to go deep into the practical environment, learn the real workflow and work norms, acquire practical skills and experience, and improve their practical ability and adaptability.

(2) Improve innovative ability. Innovative ability is one of the important objectives of cultivating talents in higher vocational colleges. The application of modern apprenticeship can help students understand the needs and trends of industrial development and technological innovation, and cultivate students' innovative thinking and practical ability by putting them in practice. At the same time, the modern apprenticeship teaching mode pays more attention to the cultivation of students' independent thinking and problem-solving ability, providing strong support for students' future innovation and entrepreneurship.

(3) Enhance employment competitiveness. The ultimate goal of higher vocational colleges is to provide students with better employment opportunities and development space. The application of modern apprenticeship can improve students' practical and innovative ability, and enhance students' employment competitiveness. At the same time, modern apprenticeship can also help students better understand the needs and trends of the employment market, and improve the accuracy and pertinence of employment choices.

(4) Promote the integration of production and education. The application of modern apprenticeship can promote the integration of production and education between higher vocational colleges and enterprises, and realize the benign interaction between education and industry. Through school-enterprise cooperation, higher vocational colleges can better understand the needs and requirements of enterprises, and provide students with practical opportunities and projects closer to reality. At the same time, school-enterprise cooperation can also improve the

teaching quality and level of higher vocational colleges, promote industrial upgrading and personnel training, and form an education mechanism of industry-university-research integration.

(5) Broaden students' vision and experience. The application of modern apprenticeship can provide students with a broader education platform and broaden their horizons and experience. Students will be exposed to the practice scene, deeply understand the development of enterprises and changes in the industry, and communicate and cooperate with professionals in the industry, so as to broaden their vision and experience, and enhance their professional and comprehensive quality.

(6) Optimize the teaching mode. The application of modern apprenticeship can optimize the teaching mode of higher vocational colleges and realize the effective connection of education and teaching. Modern apprenticeship emphasizes the teaching method of combining practice and theory. Through various forms of practical activities and innovation and entrepreneurship projects, it expands students' learning space and content, increases students' learning motivation and interest, and promotes the improvement of teaching effect.

To sum up, the role of modern apprenticeship in the education mode of higher vocational colleges is multifaceted. Through the combination of practice and theory, modern apprenticeship can cultivate students' practical and innovative ability, improve their employment competitiveness and innovation and entrepreneurship ability, promote the integration of production and education between higher vocational colleges and enterprises, broaden students' vision and experience, optimize teaching mode, and provide strong support for higher vocational colleges to achieve the goal of education. Therefore, higher vocational colleges should strengthen the application and promotion of modern apprenticeship, improve the quality and level of education and teaching, and create better conditions and opportunities for students' growth and development.

4 Construction of modern apprenticeship education mechanism in higher vocational colleges

The construction of modern apprenticeship education mechanism in higher vocational colleges needs to consider many aspects, including practice environment, teaching staff, student management, curriculum and so on. The following are some suggestions and measures for building a modern apprenticeship education mechanism:

(1) The necessary conditions for the implementation of apprenticeship. The implementation of modern apprenticeship education mechanism in higher vocational colleges needs to meet the following necessary conditions: first, sufficient practice sites and resources. Modern apprenticeship requires students to gradually improve their practical ability in practice, so it needs sufficient practice sites and resources. Through cooperation with enterprises and with the help of enterprises' practice sites and resources, schools can provide more practical practice opportunities and projects. Second, excellent teaching staff; the modern apprenticeship needs excellent tutors and practice teachers, who can provide guidance and help for students and improve their practical and innovative ability. Therefore, the school needs to strengthen the construction of teaching staff, improve the practical teaching level and innovative ability of teachers. Third, the support of school-enterprise cooperation. Modern apprenticeship needs the cooperation support between schools and enterprises. Schools need to establish a stable school-enterprise cooperation to jointly promote the implementation and development of modern apprenticeship together with enterprises.

(2) The design points of modern apprenticeship education mechanism. The key points of modern apprenticeship education mechanism design include the following aspects: first, the combination of practice and theory. The core idea of modern apprenticeship is the combination of practice and theory, through practice, students' practical and innovative ability can be improved. Therefore, schools should pay attention to the development of practical teaching, put students in the practice scene, so that they can deeply understand the practice environment and market demand. Second, personalized teaching. The modern apprenticeship pays attention to personalized teaching, and meets the personalized needs and development laws of students through

personalized training methods. Schools can provide a variety of practical projects and educational resources to enable students to gradually form their own learning and development mode in practice. Third, the support of school-enterprise cooperation. Modern apprenticeship requires close cooperation between schools and enterprises, and the benign interaction between education and industry can be achieved through school-enterprise cooperation. The school can establish a stable cooperative relationship with enterprises and provide students with practical opportunities and projects with the help of the practice sites and resources of enterprises.

5 Suggestions and measures of modern apprenticeship in higher vocational colleges

The application of modern apprenticeship in higher vocational colleges has achieved some results, but there are still some problems and challenges in the process of practice. In order to further improve the educational effect of modern apprenticeship in higher vocational colleges, we can put forward suggestions and measures from the following aspects.

(1) Strengthen school-enterprise cooperation and improve the quality of modern apprenticeship. Higher vocational colleges should actively cooperate with enterprises, explore more cooperation modes, and provide students with better practice opportunities and projects. At the same time, schools should also pay attention to the training and guidance of enterprises, improve the practical and innovative ability of enterprises, and jointly promote the development of modern apprenticeship.

(2) Strengthen the construction of teaching staff and improve teachers' practical and innovative ability. Higher vocational colleges should pay attention to the construction of teaching staff and strengthen the cultivation of teachers' practical and innovative ability. Schools should strengthen teachers' training and guidance, improve their practical teaching level and innovative ability, and provide students with more quality education services.

(3) Strengthen practical teaching and the cultivation of innovation and entrepreneurship ability for students. Higher vocational colleges should pay attention to practical teaching and the cultivation of innovation and entrepreneurship ability for students, and provide more extensive education platform for students through various forms of practical activities and innovation and entrepreneurship projects. At the same time, schools should encourage students to participate in practical projects and competitions to improve their practical and innovative ability.

(4) Establish a perfect modern apprenticeship quality evaluation system. Higher vocational colleges should establish a perfect modern apprenticeship quality evaluation system to comprehensively evaluate the practical effect and achievements of modern apprenticeship. Through the evaluation system, schools can better understand the advantages and disadvantages of modern apprenticeship, and timely improve the quality of modern apprenticeship.

(5) Strengthen the publicity and promotion of modern apprenticeship. Higher vocational colleges should strengthen the publicity and promotion of modern apprenticeship, so that more students and enterprises can understand the advantages and value of modern apprenticeship. At the same time, schools should also strengthen communication and exchanges with all sectors of society, actively seek cooperation opportunities, and promote the application and development of modern apprenticeship in a wider range.

6 Conclusion

To sum up, with the promotion of the "double high" plan and the deepening of education reform, the application and development of modern apprenticeship in higher vocational colleges will continue to be strengthened. Higher vocational colleges should pay attention to school-enterprise cooperation, strengthen the construction of teaching staff, improve the cultivation of students' practical teaching and innovation and entrepreneurship ability, establish a perfect quality evaluation system of modern apprenticeship, and strengthen the publicity and promotion of modern apprenticeship, so as to provide reference for the realization of higher vocational colleges' educational objectives.

References:

- [1] Ma Liangjun, Liu Shujing, Duan Hanhan et al. Analysis on the Development of International High Level Modern Apprenticeship—Based on the Comparison of Britain, Germany and the United States[J]. Vocational and Technical Education, 2022, 43(1).
- [2] Pang Sijia. The Characteristics and Enlightenment of “Multiple Accommodation” of Modern Apprenticeship in France[J]. Vocational and Technical Education, 2022, 43(7).
- [3] Hu Xingang, Huang Yinyun, Shen Lu. The Era Implication, Implementation Logic and Optimization Path of Modern Apprenticeship with Chinese Characteristics[J]. Education and Occupation, 2022, 10(21).
- [4] Peng Xiangping. Modern Apprenticeship Practice Strategy of Catering Intelligent Management Major under the Background of Tea Culture[J]. Fujian Tea, 2022, 44(8).
- [5] Huang Juchen, Su Rui. Why Is the Modern Apprenticeship Training Mode Effective—Australia’s Experience and Enlightenment[J]. Vocational and Technical Education, 2022, 43(13).
- [6] Jia Pengfei, Huang Liying, Li Weijia. Research on the Construction of Modern Apprenticeship with Chinese Characteristics from the Perspective of Connotative Development in Vocational Colleges[J]. Education and Occupation, 2022, 10(19).
- [7] Song Lifeng, Zhu Xiu. Logical Review on the Teaching Reform of Ideological and Political Theory Course in Higher Vocational Colleges under the Background of Modern Apprenticeship[J]. Vocational and Technical Education, 2022, 43(14).
- [8] Zhang Hong. Research on the New Talent Training Mode of Vocational Colleges from the Perspective of Modern Apprenticeship[J]. Journal of Hubei Open Vocational College, 2022, 35(11).
- [9] Xue Liping. Path Selection for the Integration of 1+X Certificate and Modern Apprenticeship in Higher Vocational Colleges[J]. Journal of Hubei Open Vocational College, 2022, 35(3).
- [10] Zhu Shu. Analysis of the Implementation Path of Modern Apprenticeship Based on the Perspective of Integration of Production and Education[J]. Journal of Hubei Open Vocational College, 2022, 35(12).