

## **INNOVATION OF HIGHER VOCATIONAL STUDENT MANAGEMENT MODEL BASED ON INDUSTRY-TEACHING INTEGRATION IN CHINA**

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### **Abstract**

As an important path for the development of China's higher vocational education, the integration of industry and education aims to realize the organic connection between the education chain and the industrial chain through the deep cooperation between schools and enterprises. However, the traditional higher vocational student management mode is difficult to adapt to this change, exposing many problems. This paper analyzes the challenges faced by higher vocational student management in the context of integration of industry and education, and proposes to innovate in terms of management concepts, school-enterprise cooperation mechanisms, daily management, vocational literacy cultivation and the construction of information technology platforms. The study aims to improve the quality of higher vocational education, enhance students' vocational ability and employment competitiveness, deepen the integration of industry and education, deliver talents suitable for industrial upgrading to the economy and society, and provide Chinese experience for international vocational education exchanges.

**Keywords:** Integration Of Industry and Education, Higher Vocational School, Student Management Model

### **Introduction**

Against the background of global economic integration, there is a growing demand for high-quality technical and skilled talents for industrial structure upgrading. China's higher vocational education, as the key to cultivating such talents, has assumed an important mission. As an advanced talent cultivation model that emphasizes in-depth cooperation between schools and enterprises and realizes the organic connection between the education chain and the industrial chain, industry-teaching integration has been widely implemented in China in recent years. However, the traditional management mode of higher vocational students is mainly based on the campus environment, which is difficult to adapt to the diversified scenarios after the deep involvement of enterprises in the teaching practice, exposing problems such as the disconnection between the management concept and industrial demand, and the failure of management means to adapt to the complex practice. It is of great significance to study the innovation of higher vocational student management mode based on the integration of industry and education. Firstly, it improves the quality of education by integrating school and enterprise resources and accurately connecting with industrial demand. Secondly, it enhances students' vocational ability and improves their employment competitiveness. Furthermore, it promotes the integration of industry and education to develop in depth and promotes the synergy between vocational education and industry. Finally, it provides Chinese programs for international vocational education and promotes international exchanges and cooperation.

### **Integration of industry and education prompts innovation of higher vocational student management concepts**

As an important trend in the current development of vocational education, the integration of industry and education has had a profound impact on the concept of higher

vocational student management. Traditional higher vocational student management tends to focus on daily management and discipline maintenance on campus, Yao, S.K. (2023) whereas the integration of industry and education requires the integration of the needs and standards of enterprises into student management and the realization of in-depth cooperation between schools and enterprises.

First of all, the integration of industry and education has prompted the management of higher vocational students from closed to open. In the context of the integration of industry and education, students not only learn theoretical knowledge on campus, but also need to go to enterprises for practical internship. This requires that student management should not be limited to the campus, but actively communicate and cooperate with enterprises, understand the needs and expectations of enterprises, and introduce the management concepts and methods of enterprises into student management. For example, enterprises emphasize the professionalism and teamwork spirit of employees, and schools can strengthen the cultivation of students' professionalism and team building activities in student management.

Secondly, the integration of industry and education has prompted the management of higher vocational students from single to multiple. The traditional management of higher vocational students is mainly responsible by the teachers and managers of the school, and the management method is relatively single. In contrast, the integration of production and education requires the participation of multiple parties, including schools, enterprises and the government, to jointly manage students. Schools can invite enterprise experts to serve as part-time counselors or visiting professors to provide students with career guidance and practical experience sharing; Huang, L.-B. (2019) The government can introduce relevant policies to encourage enterprises to participate in the management of higher vocational students and provide policy support for the integration of industry and education.

Finally, the integration of industry and education has prompted higher vocational student management to move from management to service. In the context of the integration of industry and education, student management is not only about managing and restraining students, but also about providing services for students' growth and development. Schools can provide students with internship opportunities, vocational skills training, innovation and entrepreneurship guidance and other services through cooperation with enterprises to help students better adapt to the needs of society.

### **Building a long-term mechanism for school-enterprise cooperation management under the integration of industry and education**

Constructing the long-term mechanism of school-enterprise cooperation management under the integration of production and education is the key to realize the innovation of higher vocational student management. The long-term mechanism of school-enterprise cooperation management should include cooperation mechanism, incentive mechanism, guarantee mechanism and other aspects. 1. Establishment of sound cooperation mechanisms. Shan, Y. (2020) Schools and enterprises should establish a long-term and stable cooperative relationship and clarify the rights and obligations of both parties. Communication and coordination between the two sides can be strengthened by signing cooperation agreements and setting up cooperation committees. The cooperation agreement should specify the time, place, content, assessment standards and other aspects of student internships; the cooperation committee should be composed of leaders and experts from the school and the enterprise, and be responsible for formulating the cooperation plan and coordinating and solving problems arising in the cooperation. 2. Improving incentives. Liu, X., & Sheng, L.N. (2020) In order to encourage enterprises to actively participate in the management of higher vocational students,

schools and the government should establish a perfect incentive mechanism. The enthusiasm of enterprises' participation can be improved by giving them tax concessions, financial subsidies and honorary recognition. At the same time, schools can also give certain compensation and rewards to enterprise experts who participate in student management to stimulate their work enthusiasm. 3. Establishment of safeguard mechanisms. In order to ensure the smooth progress of school-enterprise cooperation management, schools and enterprises should establish a sound guarantee mechanism. The legitimate rights and interests of students and the quality of internship can be guaranteed through the establishment of an internship insurance system, a safety management system and a quality monitoring system. At the same time, schools and enterprises should also strengthen the safety education and management of students and improve their safety awareness and self-protection ability.

### **Innovative Daily Management Strategies for Higher Vocational Students Adapted to the Integration of Industry and Education**

Innovating the daily management strategy of higher vocational students adapted to the integration of industry and education is an important way to improve the level of student management. In the context of the integration of industry and education, the daily management of students should pay more attention to personalization, diversification and practice. 1. Personalized management. Every student has his or her own characteristics and needs, and in the context of the integration of industry and education, the personalized needs of students are more prominent. Schools can understand students' individual characteristics and needs and provide students with personalized management services by establishing students' files, carrying out psychological counseling and organizing club activities. For example, for students who have the will of innovation and entrepreneurship, the school can provide them with guidance and support for innovation and entrepreneurship; for students with special difficulties, the school can provide them with financial assistance and psychological counseling. 2. Diversified management. The integration of industry and education requires students to have multifaceted abilities and qualities, so the daily management of students should also be more diversified. Schools can enrich students' extracurricular life and cultivate their comprehensive qualities by carrying out cultural activities, sports activities and volunteer services. At the same time, schools can also encourage students to participate in various competitions and practical activities to improve their practical and innovative abilities. 3. Strengthening practice-based management. The core of industry-teaching integration is practice teaching, so the daily management of students should also pay more attention to practice. Schools can strengthen the practical management of students by establishing internship bases, carrying out practical teaching, and organizing internship training, etc. Meanwhile, Yao, S.K. (2023) Schools can also invite enterprise experts to participate in practical teaching and provide practical guidance and experience sharing for students.

### **Strengthening the Management of Cultivating Vocational Literacy of Higher Vocational Students Based on the Integration of Industry and Education**

Strengthening the management of vocational literacy cultivation of higher vocational students based on the integration of industry and education is an important means to improve the competitiveness of students' employment. Vocational literacy includes vocational ethics, vocational skills, vocational behaviors and habits, etc. Liu, X., & Sheng, L.N. (2020) Integration of school-enterprise resources to improve the quality of students and ensure the quality of talent cultivation. 1. Strengthening professional ethics education. Vocational ethics is the core of vocational literacy, and schools should strengthen the vocational ethics education

for students. Zhang, J.W, Li, W., & Min, F. (2016) Students in higher vocational colleges and universities have weak learning ability, weak sense of self-restraint, and generally poor basic vocational literacy, which affects their future career development. Students' awareness of professional ethics and sense of professional responsibility can be cultivated by offering courses on professional ethics, conducting lectures on professional ethics and organizing practical activities on professional ethics. At the same time, schools can also invite enterprise experts to tell students about the enterprise's code of professional ethics and requirements, so that students can better understand the enterprise's culture and values. 2. Improvement of vocational skills. Vocational skills are an important part of vocational literacy, and schools should strengthen the cultivation of students' vocational skills. Yu, H.F. (2020) argued that schools can improve students' vocational skills by optimizing the curriculum, strengthening practical teaching, and conducting vocational skills competitions. At the same time, schools can also cooperate with enterprises, declare the organization of 1+X certification, carry out order-based training, modern apprenticeship and other talent cultivation modes, stimulate students to participate in the integration of industry and education projects, and cultivate high-quality technical and skilled personnel for enterprises. 3. Developing professional behavior. Vocational behavior habits are the outward manifestation of vocational quality, and schools should strengthen the cultivation of students' vocational behavior habits. They can cultivate students' vocational behavior habits by formulating students' code of conduct, carrying out vocational etiquette training, and organizing vocational experience activities. At the same time, schools can also invite enterprise experts to talk to students about the norms and requirements of professional behavior in enterprises, so that students can better understand the management mode and workflow of enterprises.

### **Building an informatization support platform for higher vocational student management under the integration of industry and education**

Li, Y., Zhang, Y.J., & Guan, W.J. (2021) Building an informatization support platform for higher vocational student management under the integration of industry and education is an important guarantee to improve the efficiency and level of student management. The informatization support platform should include student information management system, internship management system, employment management system and other aspects. 1. Establishment of a student information management system. The student information management system should include students' basic information, academic performance, awards and punishments, and internship experience. Through the student information management system, the school can keep abreast of the students' learning and living conditions and provide personalized management services for the students. At the same time, the school can also connect the student information management system with the enterprise's human resource management system to realize the sharing and exchange of student information. 2. Improvement of the internship management system. The internship management system should include internship program, internship arrangement, internship assessment and other aspects. Through the internship management system, the school can manage and monitor the whole process of students' internship to ensure the quality and safety of internship. At the same time, the school can also connect the internship management system with the production management system of the enterprise to realize the organic combination of internship and production. 3. Construction of an employment management system. The employment management system should include the release of employment information, employment guidance and employment tracking. Schools can provide students with timely and accurate employment information and employment guidance services through the employment management system. At the same

time, the school can also track and feedback the employment situation of students through the employment management system, which can provide a reference basis for the school's teaching reform and talent cultivation.

## Conclusion

In summary, the innovation of the management mode for senior vocational students based on the integration of industry and education in China is a systematic project that demands the collaborative efforts of schools, enterprises, and the government. By promoting the innovation of the senior vocational student management concept through industry- education integration, constructing a long-term school-enterprise cooperation management mechanism under this integration, innovating daily management strategies for senior vocational students to adapt to it, strengthening the management of cultivating senior vocational students' vocational literacy based on it, and establishing an informatization support platform for senior vocational student management under industry-education integration, the management level of senior vocational students can be enhanced. This, in turn, provides a strong guarantee for the cultivation of high-quality technical and skilled talents.

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