

Exploration and Research on the Construction of Vocational Education Groups

Xiang Wang

School of Information and Electronic Engineering
Tianjin Vocational Institute
Tianjin, China

Abstract—After several years of cooperation with enterprises, higher vocational colleges have already accumulated a wealth of professional and technical experience. In fact, higher vocational colleges have the reality possibility to build vocational education groups. This paper talks about the construction background and content of vocational education groups and the concrete ways of construction.

Keywords—vocational education group; higher vocational colleges; educational chain

I. INTRODUCTION

Higher vocational colleges have established good business relationship with many companies during the process of major construction for a long time. Many human resource requirements of some businesses have been integrated into personnel training program of relevant majors. Therefore, there is large space for cooperation of education between vocational colleges and enterprises, including personnel exchanges laboratory construction under university-enterprise cooperation mode.

In collaboration with vocational training institutions, undergraduate schools and Secondary vocational schools, higher vocational colleges have accumulated a wealth of experience. While collaborating, higher vocational colleges gradually summarize and optimize the workflows and principle of cooperation. And the cooperation in the areas of teaching, scientific research and productive practice have scored remarkable achievements. Therefore, higher vocational colleges have the basic conditions of building vocational education groups.

Along with many higher vocational colleges, the enterprises has been committed to educating professional talents who can meet the needs of the enterprise, and it hopes to cooperate with more and more colleges to train more qualified employees of the enterprises, which will promote the rapid development enterprises. In the process of cooperation between higher vocational colleges and enterprises, we can get the following several advantages: promote the reform of teaching system in higher vocational colleges, the teaching management of complementary advantages, enhance professional characteristics and school comprehensive strength, solve the problem of students practice and promote students employment rate and employment quality perfectly. Promote the

development of the integration of production, study and research in higher vocational colleges, the combination of teaching and production, mutual support between the two sides. We should continue to improve the level of cooperation between higher vocational colleges and enterprises to strengthen the development of qualified personnel which can provide strong technical support for innovative business development and create a more favorable environment for the teaching school for employees to build multi-dimensional skills to strengthen the platform for the society.

II. CONSTRUCTION BACKGROUND OF VOCATIONAL EDUCATION GROUPS

The practice has already proved that higher vocational colleges can achieve depth development of cooperation between schools and enterprises. Through introduction and integration of industry standards from enterprise, trade association and vocational training institutions, the construction of vocational education groups can promote curriculum construction to speed up the transformation and upgrading. It's very important for enterprises to lower costs based on school-enterprise cooperation mechanisms. Higher vocational colleges can also take the chance to improve economic benefits and social benefits at the same time. This can be called a "win-win" success. Higher vocational colleges need to deepen cooperation with undergraduate schools and secondary vocational schools in academic education. Through the cooperation, higher vocational colleges can achieve make good connection between high professional education and undergraduate education, which can be called "3+2". Similarly, higher vocational colleges can achieve make good connection between high professional education and secondary vocational education, which can be called "3+3".

Through the construction of vocational education groups, college, enterprises and industry organization can realize complementary advantages and resource sharing In the course of the coordinated development.

III. THE CONTENT FOR HIGHER VOCATIONAL COLLEGES TO SET UP VOCATIONAL EDUCATION GROUPS

The content for higher vocational colleges to set up vocational education groups consists of the following three parts.

The construction of vocational education groups is conducive to establish and improve "educational chain". From the conception of the educational output chain, we can see the formative process of educational quality, and understand the school-enterprise cooperation mechanisms are a vital power for the educational quality. The establishment of long-term mechanism of the cooperation and resource share among these vocational educations can improve enterprises more actively and transparently provide higher vocational colleges with shared learning resources. This mechanism will promote the development of integration of the production and teaching in furthermore deep administrative levels. Therefore, college students would accept pre-service training at school. Higher vocational colleges in today have an even greater chance of building a faster teaching track from learning to training, to working. At present, school-enterprise cooperation has become a close cooperation scale in training commissioned senior seamen, cruise ship crew, short-term professional training and other fields. Therefore, the pattern of school-enterprise cooperation is the effective way of developing vocational education and training applied-type skilled talents.

During the process of the connection between undergraduate schools and secondary vocational schools and higher vocational colleges, related institutions can adopt teaching materials sharing, credit accumulation and transfer system, course resources sharing, co-construction of enterprise information platform to explore and apply new mode of vocational education.

The construction of vocational education groups is conducive to establish and improve "industrial chain ". In vocational education groups may gradually establish scientific research mechanism comply with the demands of the enterprises. Related institutions will participate in enterprise research and development mission from all fields and share in the achievements in cooperation, to give impetus to industrial transformation and upgrading, which will bring into full play in terms of human resources, manufacturing sites, information services and policy support advantages, to upgrade practical training base development model. Vocational education groups can provide employee recruitment, pre-service training, and entering workplace for enterprise in terms of human resource. Especially, higher vocational colleges can provide employee recruitment, pre-service training, and entering workplace for enterprise in terms of human resource. Enterprise can provide the specialized training courses of production, maintaining, technology upgrades for related institutions.

The construction of vocational education groups is conducive to establish and improve "profit chain". In vocational education groups, enterprises can reduce manpower costs, operational costs and research costs, which can translate their advantages of school-enterprise cooperation into the comprehensive economic competence in market competition. Higher vocational colleges may receive the financial profits through providing human resources, technology, manufacturing sites, training and information services for enterprises. Vocational education groups providing more practice opportunities and enterprise-class teaching strategies usually set students up with academic progress, help them obtain knowledge from the perspective of overall design and

evaluation, and pair them up with a business that aligns with the student's career goals. Therefore, vocational education groups will work to build a win-win situation for the enterprises, related institutions and students.

IV. THE WAY AND METHODS FOR CONSTRUCTING VOCATIONAL EDUCATION GROUPS

In order to make vocational education groups keep growing, higher vocational colleges may consider adopting the following measures:

The certain vocational education group may choose a higher vocational college as the auspices taking the lead in carrying out the internal coordination mechanism through negotiation and consideration. Higher vocational college set up vocational education group council as permanent institution.

The certain vocational education group may choose a higher vocational college as the auspices taking the lead in carrying out the internal coordination mechanism through negotiation and consideration. Higher vocational college set up vocational education group council as permanent institution that is responsible for coordinating the relationship between the companies and the related institutions.

Vocational education group may commission the council to set a scientific rules and running modes of the vocational education group.

Vocational education group should convene the coordination meetings with the related institutions and enterprises to ensure the policy into the right track in terms of mechanism and measures

V. CONCLUSION

In the process of building vocational education groups, higher vocational colleges can further establish and improve "educational chain", "industrial chain ", and "profit chain", which satisfy the strength requirement of training system of production and teaching for talents, improve optimization schemes for the human resource structure of enterprises and offer students the opportunity for better job opportunities.

REFERENCES

- [1] Xing Hui. Discussion on the Coherence between Secondary and Higher Vocational Education—analysis of Reform of Enrollment Exam System of Higher Vocational Education, Educational Science Research, 2000.
- [2] Britton BK, Tesser A. Effects of time-management practices on college grades, Journal of Education, 1991.
- [3] Liang Qiao. Research on Construction of Service Platform of High Quality Digital Resource in Vocational Education, Computer Education and Education Informatization, 2012.
- [4] Xu Guoqing, Shi Weiping. Discussion on Curriculums for Coherence between Secondary and Higher Vocational Educations, Educational Research, 2012.
- [5] Liu Chunsheng, Zhang Cunqun. Discussion on Theoretical Basis for Coherence between Secondary and Higher Vocational Educations, Vocational and Technical Education, 2000.
- [6] Li Qingchun. On the Motivations for the College Students, Journal of Hainan Radio&TV University, 2009.

- [7] Li Zuchao. On Encouragement Education, Journal of the Chinese Society of Education, 2003.