Research on the Development and Promotion Strategies of Diversified Professional Development Based on Computer Network Technology

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Abstract. With the progress and development of the society, the society needs more computer network talents to adapt to the development of the society. However, due to the disadvantages of various aspects of development, the network computer talents trained by colleges and universities cannot meet the market demand, resulting in the employment difficulties of some students. The main reason is that many colleges and universities cannot meet the needs of society. At present, great changes have taken place in the general education model and discipline model of vocational education in China, and new attempts have been made to combine work with study, production with teaching in practice. The existing experience shows that school-enterprise cooperation is the only way for the reform and development of secondary vocational schools. However, with the rapid development of the social situation, the original simple school-enterprise cooperation model has shown its limitations. How to continue to give play to the great role of school-enterprise cooperation and deepen school-enterprise cooperation is the choice of many higher vocational colleges in China, and shows certain advantages. At present, great changes have taken place in the general education model and discipline model of vocational education in China, and new attempts have been made to combine work with study, production with teaching in practice. The existing experience shows that school-enterprise cooperation is the only way for the reform and development of secondary vocational schools. However, with the rapid development of the social situation, the original simple school-enterprise cooperation model has shown its limitations. How to continue to give play to the great role of school-enterprise cooperation and deepen school-enterprise cooperation is the choice of many higher vocational colleges in China, and shows certain advantages[1].

Keywords: Curriculum System of Computer Network Computer, Training Mode, People Oriented, Career Planning, Computer Network Technology
1. Types of curriculum system of computer network computer in China and its characteristics of vocational education

Types and operation modes of school enterprise joint education in China. According to the difference of main body composition and operation characteristics of vocational education group running schools, the current vocational education group running schools in China can be divided into industrial (or professional) vocational education groups (tourism, electronics, commerce, logistics, etc.), regional vocational education groups (province, city, county, etc.) and composite vocational education groups (vocational schools, enterprises, government departments, industry associations, etc.) It is composed of quality units. In these three types, there are also different characteristics of vocational education group mode. Firstly, urban-rural integration, taking the city with the countryside. Its operation mode is: first, urban and rural schools jointly recruit students and cooperate in running schools; second, urban schools run branch schools in rural schools; third, urban and rural schools implement teaching integration; fourth, urban schools train professional teachers, provide practical training conditions, place students for practice and carry out skills appraisal for rural schools; fifth, contact employment units in the name of the group to arrange students for employment as a whole. Second model: city county cooperation, three-stage training.

Its operation mode is to take the leading industry as the service orientation, the city demonstration vocational school as the leader, the county (city) vocational education center and relevant enterprises as members, students learn basic cultural knowledge in the county (city) Vocational Education Center in the first year, accept the training of professional consciousness, professional ethics and professional habits; learn professional theories and strengthen skills training in the second year; and After three years of internship in the enterprise, the city school will recommend employment after graduation (figure 1)[2].

![Figure 1. Employment percentage after graduation](image)

Thirdly, school enterprise cooperation, combination of work and learning. Its operation mode is to pay attention to school enterprise cooperation and combination of work and study. The close combination of school education and enterprise employment, and the organic integration of school resources and enterprise resources have delimitator realized the resource sharing, mutual benefit and win-win between
school and enterprise. The member schools have solved the problems of students' practical training and on-the-job practice, obtained a stable off campus training base, and promoted the employment of graduates; the member enterprises have stabilized the source of high-quality labor force, solved the problems of staff training, and the occupation demand structure see figure 2.

![Figure 2. Occupation demand structure](image)

2. The mode of close cooperation between schools and enterprises

School enterprise cooperation is a "win-win" model that focuses on training quality, school learning and enterprise practice, and resource and information sharing between school and enterprise[3]. School enterprise cooperation meets the needs of the society, integrates with the market, cooperates with enterprises, and combines practice and theory. It brings a spring for the development of education industry.

2.1 About situations

At present, under the guidance of relevant government documents, it has become the consensus of many people of insight to promote the integration and reorganization of resources of public vocational schools, take the way of large-scale, group and chain running schools, and actively explore a school running system dominated by public ownership, with clear property rights and coexistence of multiple ownership. Practice shows that the only way to run a vocational college is to set up a vocational education group, and the combination of production, teaching and research. The cooperation between education and industry, school and enterprise is the most effective way to implement vocational education. It realizes the combination of education and production labor in a real sense with its own internal laws, and has great advantages in training applied innovative talents.
2.2 Pay attention to career planning and strengthen skill training

The advantages of school enterprise joint education have become more and more prominent, and there are many modes of school enterprise joint education. The purpose of school enterprise joint education is to reasonably allocate and utilize educational resources, change resources from "dead" to "alive", avoid repeated construction, reduce school running cost and improve school running efficiency. Without changing the nature of the original system, legal person and the subordination of people and property, close cooperation with relevant units, complementary advantages, overall planning in enrollment, teaching, employment and other aspects have formed a close layer of school enterprise joint education[4]. The close layer is a combination of legal persons who are closely related to Firstly, it is inter school cooperation and docking. Secondly, school government cooperation and establishment of branch schools. The school enterprise joint running school may appoint the government leader as the president, and the college shall send a vice president as the executive vice president and excellent management personnel to build the branch with the college's advanced school running concept, construction ideas and management mechanism. Through the cooperation between the two sides, we will improve the original school running conditions, strengthen various management, improve the teaching quality and improve the school running level. This mode is not only conducive to the cultivation of local talents in the region, Third, school enterprise cooperation, mutual benefit and win-win situation. It has established practice bases with 95 enterprises outside the University, and built a platform of complementary advantages, two-way service, mutual benefit and win-win. On the one hand, the enterprise has built a "order form" talent training platform in the school[5]. According to the needs of talents, enterprises sign employment agreements with the college, which is responsible for directional training. For example, after the school and the enterprise sign the employment agreement, the enterprise and the school jointly formulate the teaching plan, curriculum and practical training standards, the students' basic theory and professional theory study are completed in the school, the graduation practice and graduation design are carried out in the enterprise, and the school and the enterprise jointly complete the goal of talent cultivation. On the other hand, the school sets up a student practice platform in the enterprise. Students in the enterprise for internship, enterprises actively for practical teaching, graduation design to provide good conditions. In addition to accepting students' internships, some close cooperation enterprises have formed high skills through close cooperation, complementary advantages and two-way service.

3. Conclusions

The training goal of modern higher vocational education determines that higher vocational colleges must be closely linked and cooperated with the social market and enterprises from enrollment, specialty construction, teaching activities (including theoretical teaching and practice), to students' graduation and employment, that is to say, they must take the road of school enterprise joint learning. No matter where higher vocational colleges, no matter what major, no matter what school conditions, as long as we adhere to the school enterprise cooperation, and actively face the society, market, and enterprise, then the school will be full of vitality and better run. Industrial automation will also develop as fast as smart phones, and truly achieve the unmanned intelligent factory of intelligent diagnosis, intelligent operation and intelligent production, which will be another major reform of the industrial revolution.

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References

[1] Zhao Xianli, Han Yunbo: Discussion on the mode of secondary vocational school reform, Heihe education, 2010, issue 2.

[2] Z Zhao Mingde: Exploration and Reflection on the school running mode of secondary vocational and technical schools, education exploration, 1998, issue 3.

[3] Liu Haidong: develop of industry automation.

[4] Chen xin, li xuandong. Modeling framework of formalized use case analysis based on design calculus [J]. Journal of software engineering. 2008,19 (10) : 2539-2549

[5] wang hongying. Software model validation based on Petri net [D]. East China normal university, 2007.

[6] Wang yichuan, shi chunyi. An Agent organization model based on n calculus [J]. Computer research and development. 2003, 40 (2) : 163-168.