

Research on practical teaching reform of textile inspection and trade major in Higher Vocational Colleges Based on the integration of production and education

Ying Li; Junwei Ge; Yalu Song

Chengdu Textile College, Chengdu, Sichuan, 611731

Abstract: With the continuous development of modern vocational education, the integration of production and education has become an important direction of teaching reform in various majors, and also an important way to improve the quality of talent training. In the integration of production and education, the joint cultivation of professional talents through school enterprise cooperation is also a teaching reform method that higher vocational colleges must promote. In the practical teaching of textile inspection and trade major in higher vocational colleges, higher vocational colleges and their professional teachers should be based on the perspective of the integration of production and education, according to the characteristics of the professional courses, pay attention to the in-depth cooperation between colleges and enterprises, build an on campus training base, and implement the educational concept of the integration of production and education in the mode of professional practice inside and outside the school, so that students' professional ability can be improved in a high-quality training environment, Strengthen students' skill quality and comprehensive quality, and escort students' professional growth and good development. Based on the education mode of the integration of production and education, this paper discusses how to reform the practical teaching of textile inspection and trade major in higher vocational colleges, and puts forward the corresponding strategies for the reference of the industry.

Key words: Integration of production and education; Higher vocational education; Major in textile inspection and trade; Practical teaching; Reform strategy

From the perspective of education, there are some differences between the educational purposes of Higher Vocational Colleges and undergraduate colleges. The ultimate goal of higher vocational education is to cultivate innovative and practical technical talents. After higher vocational education, students can quickly master the relevant professional ability and professional quality, and can quickly enter the working state after graduation, contributing to the development of the whole society. Therefore, in the higher vocational education system, there must be a high-quality practical teaching platform, that is, the so-called practical training base. The major of textile inspection and trade (hereinafter referred to as "Textile inspection major") is a "theory practice integration" major, which focuses on the integration of theory and practice. Therefore, in the teaching of this major, higher vocational colleges and professional teachers must pay attention to the construction and reform of practical teaching system, and improve the construction of internal and external training bases, which is also a powerful way to deepen the integration of production and education, It is also the fundamental to enhance the professional competitiveness of schools and the core competitiveness of students.

1. On the practical teaching objectives of textile inspection and trade major in Higher Vocational Colleges under the integration of production and education

Based on the integration of production and education, there are three teaching objectives for the practice major of textile inspection major, namely, quality objectives, knowledge objectives and ability objectives. Among the quality objectives are the cultivation of craftsman spirit, diligence and virtue; Knowledge objectives include the training of knowing the industry, being familiar with the industry and integrating into the industry; The ability objectives include the cultivation of the unity of knowledge and practice, the best of their abilities and the best of their talents. In the education mode of integration of production and education, students should be trained to master the basic knowledge of textile materials and testing, textile foreign trade operation, fabric organization and analysis, have the ability of textile product testing and quality evaluation, and their professional quality should meet the needs of the development of modern textile production enterprises and trade enterprises, and be able to engage in quality inspection, quality control, trade, inspection, customs declaration. High quality technical and skilled personnel for documentary and document work. In addition to the professional ability, the educational goal of this major is to promote the cultivation of students' comprehensive development, professional ethics, lifelong learning consciousness, comprehensive professional quality and humanistic quality, so that students have strong learning ability, practical ability, innovation ability, employment ability and entrepreneurial ability, so as to become high-quality and high skilled compound talents.

2. Characteristics and current situation of practical teaching of textile inspection and trade major in Higher Vocational Colleges under the background of integration of production and education

2.1 Main features

The school running feature of higher vocational colleges is to cultivate a large number of application-oriented professionals. The

industry behind this major also needs high-quality talents with strong professional practice ability. Therefore, the teaching process of textile inspection major should pay attention to its practicality, dig out the deep connotation of textile inspection major, innovate the mechanism of practical teaching and talent training, and comprehensively innovate the theoretical teaching and practical teaching, build an efficient and high-quality practical teaching, and provide highly targeted personalized training conditions for students. In this way, students majoring in textile inspection in higher vocational colleges can improve their professional quality and comprehensive quality in more professional and comprehensive training, which may fully show their advantages in future jobs.

2.2 Teaching status

1. insufficient integration of theory and Practice

Some higher vocational colleges have problems in the time allocation of theoretical teaching and practical teaching of textile inspection major, either emphasizing theory and ignoring practice, or focusing on practice and neglecting theory, which makes the training in practical teaching lose the original significance of professional ability training. On the one hand, the practical training of textile inspection major in higher vocational colleges is to consolidate the theoretical basis of students; On the other hand, the training of textile inspection major in higher vocational colleges is to improve students' professional quality. However, due to the influence of the traditional education concept, some practical courses and theoretical courses are separated for a long time, or the class hours between them are not arranged properly, resulting in the students' professional practice ability can not be effectively improved, and the overall teaching of textile inspection major can not play an educational role, making the final teaching effect unsatisfactory.

2. unscientific means of practical teaching

Few teachers pay attention to the need for innovative teaching mode and teaching means in practical teaching, and few students take the initiative to carry out professional practice training and make new attempts. It can be seen that the unscientific means of practical teaching is also an important aspect that needs to be optimized and improved in the process of practical teaching of textile inspection industry in higher vocational colleges. Professional training teachers should innovate the training mechanism based on the actual conditions and students' situation, and use situational teaching, group teaching, project teaching, task driven teaching and other methods to radiate the vitality of practical teaching, It will escort the professional ability growth of students majoring in textile inspection in higher vocational colleges.

3. Practice teaching reform strategy of textile inspection and Trade Specialty in Higher Vocational Colleges Based on the integration of production and education

3.1 Strengthening the reform of practical courses

At present, in the practical teaching of textile inspection major in some higher vocational colleges, the traditional teaching concept and mode are still used. Emphasizing theory over practice is a common phenomenon in vocational education. It is impossible to implement the concept of integration of production and education, let alone cultivate professional and skilled talents in line with the development of enterprises. Therefore, the textile inspection major must start from breaking through the traditional practice teaching mode, and reform the practice curriculum with the integration of production and education as the core guidance, so as to promote students' professional practice ability and personal professional quality.

For example, the textile industry in Guangdong Province is relatively developed and the industry situation is superior. Guangdong Polytechnic Textile Vocational Education Group has reformed the practical teaching of textile inspection major according to the school running mode of integration of production and education. First of all, the school visited the school enterprise cooperation units and former alumni employed in the industry, and conducted research and Analysis on their situation. Secondly, the school takes the vocational education group as the carrier, through the construction of training base with school enterprise cooperation units under the new teaching environment, such as information teaching, intelligent teaching, etc., to promote the improvement of students' professional practice ability. In this mode, the college provides guidance teachers and enterprises provide technical consultants to pave the way for practical teaching from the technology and service module. Finally, relying on the first two elements, combined with the specific situation of students and the characteristics of textile inspection specialty, the practical teaching curriculum reform is carried out, and the real work process and job requirements of enterprises are simulated in the training base, so as to promote the improvement of students' practical ability. Through the practice teaching reform of Guangdong Polytechnic Textile Vocational Education Group, it can be seen that the construction of practice platform is particularly important. Students can do theory, operation and skills training in the platform, and can truly become professional talents in line with the development of enterprises.

3.2 Construction of professional training base

In order to improve the quality of practical teaching of textile inspection major, complete the teaching reform, and implement the concept of integration of production and education, higher vocational colleges should strengthen or transform the infrastructure of the campus training base from the perspective of internal environment, external environment, internal equipment and professional connotation

according to the actual situation of textile inspection major. According to the deep connotation of the textile inspection specialty and the specific requirements of industrial enterprises for the positions of the specialty, the relevant principals of higher vocational colleges should improve the construction of training bases for textile raw material testing, textile mechanical property testing, textile dyeing and chemical technology, textile fabric testing, textile sample production and textile ecological testing in the training base of the textile inspection specialty. In addition, we should also build new knitting training rooms and textile trade training rooms. After the reconstruction or construction of the overall training room, the instruments and equipment in each training site should be upgraded or renewed according to the functionality of each training site and the content of professional courses, and the overall training base should be renovated. In terms of wall tiles, doors and windows anti-theft, tables, chairs and benches, we should refer to the latest standards for transformation and upgrading, especially pay attention to the location of sockets, the direction of wires and sewage discharge, and consider from the perspective of safety and environmental protection. In addition, when upgrading the overall training room, it is also necessary to refer to the actual production of the enterprise and take it as a standard to add key elements to the construction of the professional training base, so that students can experience the working conditions of the real position from the professional practice of the training room as much as possible, so as to facilitate the smooth employment in the future. In addition, in the construction and upgrading of professional training base, relevant principals of higher vocational colleges should also pay attention to strengthening the management of training base, and developing new training base in combination with school enterprise cooperation, such as internship in enterprises, to deepen the school running mode of integration of production and education.

3.3 School enterprise co construction of teaching resources

According to the actual situation of textile inspection major in higher vocational colleges, higher vocational colleges should speed up the construction of training base and production base, provide strong practical conditions for training teaching, and ensure the effective and efficient implementation of the integration of production and learning. Higher vocational colleges should build close ties with leading enterprises in the industry and region, give full play to the professional advantages of both schools and enterprises, and jointly build “school in factory” or “factory in school” to provide students with good training and learning conditions. In addition, higher vocational colleges can reach in-depth cooperation with enterprises, such as “order class” and “enterprise naming class”, to cultivate professional talents that meet the needs of enterprises, and cultivate high skilled talents who can not only engage in textile process design and engineering technology, but also engage in foreign economic activities such as commodity inspection and foreign trade.

3.4 Strengthening the quality of teaching team

The textile inspection specialty has strong practicality, so from the perspective of teaching, professional teachers' skills and literacy are particularly important, not to mention the cultivation of high-end, high-quality and high-level talents under the background of the integration of industry and education can not be separated from the support of the teaching team. Based on the practice teaching reform of Textile Inspection Specialty under the mode of integration of production and education, new requirements are put forward for teachers' teaching level. Therefore, higher vocational colleges should strengthen the quality of teaching team as the main starting point of practical teaching. For example, higher vocational colleges can hire senior professionals in the industry to participate in the formulation and adjustment of talent training programs for textile inspection specialty, and implement the reform of practical teaching. At the same time, the experienced professionals of the enterprise and the teachers in the school are combined to build a diversified teaching team, and help each other through education guidance, class observation and so on, so as to fundamentally improve the practical teaching ability of the textile inspection specialty. Higher vocational colleges should also provide professional teachers with more opportunities for further study, go out of the campus to expand cognition and exercise skills, and promote the continuous progress and growth of software technology professionals. In a word, the practical teaching of textile inspection major in Higher Vocational Colleges under the background of the integration of production and education should tend to be high-end, high-quality and high-level development, which also means that higher vocational colleges should strengthen the quality of teaching team. Only by fundamentally improving the teaching level of the school, can we really improve the level of talent training and the quality of teaching reform. In addition, higher vocational colleges should pay attention to strengthening the comprehensive quality of students in the practice teaching reform of textile inspection major in accordance with the concept of integration of production and education, so as to promote the improvement of students' professional ability, practical ability and professional quality, and realize the comprehensive development and progress in the direction of morality, intelligence, physical beauty and labor.

Conclusion: To sum up, the school running mode of integration of production and education has begun to be popularized in Higher Vocational Colleges in China, and has achieved good results. The teaching mode of integration of maternity leave focuses on cultivating students' professional skills, so the practical teaching reform of textile inspection and trade major should also enter the promotion stage, and strive to achieve the successful reform and innovation of practical teaching of textile inspection major by reforming the content of practical courses, building practical training base, and strengthening the quality of teaching team and students. Finally, we will promote the development of vocational education and cultivate more professional and technical talents with craftsman spirit.

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