

## **Improvement of the Training Mode of Craftsmen in Civil Aviation Transportation Specialty by the Construction of Productive Training Base**

**Zhao Xiaoshuo**

Civil aviation department, Sanya Aviation&Tourism College, Hainan Province Sanya, 572000, China

**Keywords:** craftsman spirit; civil aviation transportation specialty; logistics service and management specialty; personnel training mode

**Abstract:** Let the spirit of craftsmen maintain the temperament of the times, and the spirit of craftsmen has become an important guiding ideology for vocational education personnel training. In order to cultivate modern professionals in logistics service and management specialty of secondary vocational schools, we must take the spirit of craftsmen as the guide, and determine the training mode of talents based on the talent orientation of "creating ingenuity and becoming craftsmen". The purpose of this paper is to analyze the characteristics of logistics service and management profession, and to explore how to use craftsmanship spirit to guide the determination of talent training mode.

### **1. Introduction**

In 2016, the spirit of craftsmen first appeared in the work report of the central government. Premier Li Keqiang of the State Council proposed that enterprises should be encouraged to carry out customized and softened production, cultivate the spirit of craftsmen who strive for excellence, increase varieties, improve quality and create brands. Training the craftsman spirit of secondary vocational college students has become the main theme of vocational education development, which is a kind of professional spirit of excellence. Logistics service and management specialty in the construction process to "craftsman spirit" as the lead, to determine the talent training mode in line with the current professional development.

### **2. Craftsman Spirit**

"Craftsman Spirit" refers to a spiritual concept of craftsmen carving their products carefully and striving for excellence. Craftsmen like to constantly carve their own products, constantly improve their craft, enjoy the process of product sublimation in their hands. Good craftsmen have high requirements for details, pursuing perfection and perfection, and persistent persistence and pursuit of high-quality products. The idea of craftsman spirit is calm, independent, practical; abandon impetuous, quiet and far-reaching; delicate, dedicated. In all countries of the world, craftsmanship is everywhere. German old industrial families such as Mercedes-Benz and Siemens are well-known in the world. The success of these 100-year-old shops has a common characteristic, that is, they can excel in every product and every process. They attach importance to handicraft industry and the cultivation of skilled personnel. Therefore, contemporary vocational education is to train conscientious and dedicated craftsmen, cultivate their ingenuity and become craftsmen.

To cultivate students under the guidance of "craftsman spirit" is to cultivate students' conscientious spirit and professionalism. Establish an attitude of professional awe, perseverance in work and responsibility for products, pay great attention to details, constantly pursue perfection and perfection, and give customers impeccable experience. Integrate the meticulous and excellence craftsman spirit into every link to make a first-class product that touches people's hearts. Vocational education should adhere to employment-oriented, social-oriented and market-oriented orientation in determining the direction of talent cultivation, and determine the goal of talent cultivation, curriculum system and teaching content around the requirements of economic and social development and vocational post competence. At the same time, we should pay attention

to moral education first, integrate socialist core values into the whole process of education and teaching, and guide students to establish socialist core values with Chinese characteristics. In order to thoroughly implement the "Opinions of the Ministry of Education on Deepening the Reform of Vocational Education and Improving the Quality of Personnel Training in an All-round Way" (No. 6 of Teaching Achievement [2015], hereinafter referred to as "Opinions"), improve the quality of personnel training in Vocational Colleges and promote the all-round development of students, the direction of personnel training in Logistics service and management specialty in secondary vocational schools should be positioned as follows.

(1) Adhering to the principle of morality, cultivating people and developing them in an all-round way. Following the law of vocational education and the law of physical and mental development of logistics students, we should integrate the cultivation and practice of socialist core values into the whole process of logistics education and teaching, pay attention to the sustainable development of logistics students, help logistics students to make a good career planning, improve their comprehensive accomplishment and all-round development.

(2) Adhere to clear objectives and build channels. We should persist in defining the training objectives of logistics talents, take logistics courses as the core, broaden the channels for the growth of logistics skilled talents, and build bridges for students' diversified choices and multi-path success.

(3) Insist on school-enterprise cooperation and integration of industry and education. Actively promote the communication and cooperation between schools and enterprises, strengthen the role of enterprises in Vocational education, realize the integration of production and education, and lay the foundation for personnel training.

(4) Stick to the unity of knowledge and practice. We should give full play to the guiding role of vocational college skills competition, actively organize and coordinate logistics skills competition in secondary vocational schools, and use competition to promote the development of education. At the same time, vocational education should combine theory with practice and integrate knowledge with practice.

(5) Stick to the "craftsman spirit" as the guide. As a big manufacturing country, China must adhere to the spirit of craftsmen to guide vocational education personnel training. Logistics professionals who want to engage in relevant positions in the logistics industry must have the corresponding professional quality and craftsman quality.

### **3. The system guarantees that the spirit of craftsmen will be integrated into the personnel training program from beginning to end**

To carry forward the spirit of craftsmen can not be an empty word, but must be carried out in practice. It is an attempt and a reform to incorporate the spirit of craftsmen into the training program of logistics professionals. It is guided by spirit, proved by action, and done the training of talents with heart. In the process of establishing the goal of talent cultivation, we should embody the essence of "craftsman spirit". Logistics talents trained in secondary vocational colleges are positioned as skilled and applied talents. Craftsman spirit is the embodiment of logistics professional accomplishment, which should be described in the personnel training program. In the past curriculum construction, we often only pay attention to curriculum, but neglect the relationship between curriculum and literacy. The curriculum of vocational colleges has realized the integration of theory with practice, but still many courses have not been implemented on the emotional goals. Craftsman spirit is not only a slogan, but also an important part of quality improvement. In the course of curriculum construction, logistics professionals' professional qualities should be fully integrated into the curriculum and posts. Each logistics post has corresponding post requirements and corresponding quality requirements. Taking excellent logistics craftsmen as a model, it is necessary to incorporate talent training norms into curriculum construction so as to truly achieve people-oriented. The first classroom is the main battlefield of Vocational education, and the second classroom is the most effective support. In the second classroom, we should fully organize professional activities and use effective activities to promote students' enthusiasm. Teaching and training are only part of education, but also through a series of activities to promote student training.

Self-study in the morning and evening is a good time for students in Vocational colleges. We should fully arrange tasks for students to complete. For example, reading, reciting, poetry, writing and so on, fully combined with craftsmen's requirements, train students' abilities in many aspects. Skills competition is an important part of appraising the success of Vocational education. It will be a good starting point to integrate the spirit of craftsmen into skills competition and judge students according to the requirements of craftsmen. Skills are not only better than technology, but also more important than literacy. Only when knowledge, skills and literacy go hand in hand can talent training be truly realized. By integrating the knowledge of history, culture, philosophy, ethics, literature and art, natural science and other disciplines, students can cultivate sound personality, understand the historical environment, and establish lofty ideals, beliefs and values. The first-class craftsman country should not only cultivate the heart of focusing on skills and pursuing excellence, but also cultivate the ability to endow products with life and connotation and integrate ingenuity and soul into technology. Humanistic education has profound connotations. We infect students with stories such as "Golden Axe" and "God of Sushi". We inspire students with programs such as "Craftsmen of Big Countries". Through humanistic education and moral education, students can improve their deep understanding of craftsmen.

#### **4. Implementing Guarantee of Civil Aviation Transportation Course System in Higher Vocational Colleges**

There are fewer colleges and universities offering civil aviation transportation specialty in Higher Vocational Colleges in China, less than 20. The aim of personnel training and the construction of curriculum system of Civil Aviation Transportation Specialty in higher vocational colleges are still exploring on the way of standardization. Therefore, there are relatively few textbooks specializing in civil aviation transportation in Higher Vocational colleges. Therefore, on the basis of the course system established by school-enterprise cooperation, through strengthening the cooperation with enterprises, a series of teaching materials for civil aviation transportation specialty in higher vocational colleges are developed based on the working process of posts, which are developed around the three major post groups of civil aviation ticket sales, civil aviation passenger transport service and civil aviation cargo transport service, referring to industry standards and job handbooks, etc. At present, my specialty has developed more than 20 textbooks and lectures, such as "Civil Aviation Transport Production Organization", "Airport Operations Management", "Civil Aviation Call Center" and so on. During the 13th Five-Year Plan period, on the basis of thorough investigation and discussion of civil aviation related professional posts, I will determine the knowledge and skill points necessary to achieve five kinds of professional abilities according to the job content, so that the content of the textbook will be closely related to the job and production practice work content, and the main content of the textbook will be combined with the standards and norms of vocational skills identification of the corresponding civil aviation types. Thorough. Through optimizing teaching resources, civil aviation transportation specialty in higher vocational colleges has achieved five "two in one". Students can acquire the professional accomplishment, ability and qualification certificate needed for internship and employment posts, and dock internship and employment posts at zero distance.

Firstly, according to the industry requirements and the requirements of civil aviation related enterprises for talents, the specifications of personnel training should be established, and the vocational skills of students should be highlighted by improving the conditions of in-school training. The school and enterprise have built 10 in-school training rooms for civil aviation, such as civil aviation information technology training room, civil aviation check-in training room, Civil Aviation Freight training room, civil aviation call center and so on. The total value of assets and equipment is 1.4 billion yuan. Students can carry out job skill training in stages under the condition of 100% simulation.

Secondly, send it out, please come in and increase the introduction and training of teachers. On the one hand, full-time teachers will be transferred to airports, airlines and other civil aviation frontlines for on-the-job training to guide production and improve business capabilities; on the other

hand, civil aviation related unit managers, business backbone, etc. will be invited to serve as guest professors or part-time teachers. Teachers share, full-time and part-time teachers also carry out civil aviation vocational skills identification and training for students and employees.

Thirdly, using the three major civil aviation training qualifications with professional superiority, two-way training is carried out to train high-skilled personnel and serve the society at the same time. Advanced training equipment and superior training qualifications not only meet the requirements of students' various skills training, but also serve as the re-training of enterprise employees.

Through the integration of teaching resources, civil aviation transportation specialty achieves "two in one" between enterprise training equipment and school training facilities, enterprise training base and college teaching base, college teaching and enterprise staff skills training, evaluation and appraisal team and teacher team.

Civil Aviation Transportation Specialty reconstructs the curriculum system according to the post vocational ability, which has many items and rich contents. Therefore, the teaching evaluation system should also reflect the integration of school and enterprise, the combination of work and study, and the assessment methods of practical teaching should also be diversified. In the practical work of civil aviation transportation specialty, a teaching quality evaluation and guarantee system has been set up, and the teaching quality has been checked and evaluated by many means, such as outside-school supervision, in-school supervision, educational supervision, student evaluation, teacher evaluation and so on. In addition to routine assessment, civil aviation transportation specialty has also introduced project assessment, competition examination and certification examination to improve students' learning enthusiasm and teaching quality. Project assessment refers to the course is no longer used in the traditional way of final assessment, but sub-project assessment, such as "Civil Aviation Ground Service Practical Training" and other courses. Competition instead of exam mainly refers to some courses through vocational skills competition, no longer set up a separate examination link, civil aviation transport professional joint Hainan Airlines, Sanya Airport and other units to hold a total of 10 professional skills contests. In addition, the civil aviation transport specialty implements a Multi-Certificate system. Students can take the certificate instead of the exam, and obtain some course credits by obtaining relevant civil aviation vocational qualification certificates.

## **5. Conclusion**

"Craftsman Spirit" kindles the soul of Vocational education, which is a direction of firm ideals and beliefs, advocating labor, devoting to work, keeping faith, striving for excellence, daring to innovate, and serving the country. It is the spiritual source of supporting "Made in China" towards "Made in High Quality" and "Made in Excellent Products". Vocational educators should shoulder the heavy responsibility bravely, use the spirit of craftsmen to guide teaching, and do a good job in personnel training.

## **Acknowledgement**

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