

Research on the construction of course system for aviation service major

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Abstract: *In recent years, as one of the two wings of China's civil aviation, the development of general aviation has made great progress, especially with the promulgation of a series of planning and policy opinions such as Opinions on Deepening the Management Reform of China's Low-altitude Airspace jointly issued by the State Council and the Central Military Commission. The curriculum system of aviation specialty plays an important role in the development of education. Although aviation service specialty in vocational schools originated from the shortage of aviation talents and was jointly cultivated through the system construction mode, this mode did not develop with the development of social economy and vocational education, and the existing talent cultivation quality was severely restricted, which could not meet the employment needs of industry enterprises. This situation needs to be studied and improved urgently. Due to the historical reasons of China's aviation development, the degree of competition differentiation of state-owned airlines is low. If China's national aviation service is to form a complete education system, Chinese civil aviation professionals need to innovate constantly, further optimize the education system structure and build a perfect aviation service system.*

Keywords: *aviation service major; course; system construction*

1. Introduction

Under the continuous promotion of the reform and opening-up policy, China's civil aviation industry has greatly improved its scale, technical level, service capacity and safety level. The civil aviation industry plays an important role in the whole national economic construction[1]. The requirements of the aviation industry for the professional skills and comprehensive quality of aviation service personnel have also been greatly improved[2]. At present, the educational level of China's civil aviation service personnel is generally low, mostly with higher vocational and high school education, and there are few employees with bachelor's degree or above[3]. The technology intensive characteristics of the aviation service industry require that the service personnel engaged in must have core qualities, mainly including: high ideological and political awareness, professional emergency response ability, strong cabin equipment use ability and management ability, professional service skills, good communication skills and foreign language ability. The existing talent training system can not meet the needs of civil aviation power. It is urgent to establish a scientific talent training system to ensure the high-quality development of the industry. The rapid development of the aviation service industry puts forward higher requirements for the quantity and quality of aviation service and management talents[4]. Actively exploring a new model in line with the training of aviation service and management talents, connecting the talent training objectives with post standards, strengthening market awareness, and actively meeting the demand for talents in the development of the civil aviation industry is of positive significance for talent training.

The curriculum system of aviation service specialty in colleges and universities makes an in-depth study on the training scale, training objectives, training contents, training methods, faculty and evaluation mechanism, analyzes the existing problems and puts forward solutions[5]. It is hoped that the training quality of aviation service specialty in colleges and universities can be improved, and it can provide some reference for other colleges and universities in China to train practical aviation service and management talents for the society. The training of aviation professionals is related to the construction of aviation service professionals, and it is also a major issue related to the sustainable development of civil aviation enterprises[6]. In the process of training aviation service professionals, it is particularly important to renew the understanding of talent training, change the educational concept of talent training, and then build a systematic professional curriculum system[7]. The number of aviation enterprises is increasing, and a group of new forces who know aviation service business are

urgently needed. As one of the specialties with distinctive features in higher vocational education, aviation service specialty should systematically demonstrate its orientation and orientation, take work-study combination as the main breakthrough point to reform talent training mode, develop curriculum system based on working process, pay attention to practicality, openness and professionalism of teaching process, and explore the effective form of work-study alternation, task-driven and project-oriented teaching mode[8]. It is necessary to reconstruct the curriculum system.

2. An overview and ideas of the construction of the aviation service professional curriculum system

2.1. An overview of the construction of the aviation service professional curriculum system

Flight attendants (hereinafter referred to as flight attendants) is an emerging specialty added to the discipline catalogue compiled by the Ministry of education. The major of air crew training has high political quality, cultural quality, professional quality and physical quality, master the professional basic knowledge and skills of civil aviation air service operation and management, and have advanced compound and application-oriented professionals engaged in flight attendant service, ground service and civil aviation business work of domestic and foreign airlines. The reform of talent training program, the adjustment of teaching content, the construction of curriculum system and the renewal of teaching modes and methods are the guarantee to realize the sustainable development of flight attendant students. Its constituent elements include educatees, educators, curriculum, textbook construction, teaching content, teaching methods, teaching environment, teaching equipment and so on. Based on the main professional posts for the training of aviation service specialty, combined with the characteristics of regional industry enterprises and the actual work needs of key aviation service posts (groups), analyze the typical work tasks of posts (groups), summarize and analyze the typical work tasks, determine the action field and systematically design the learning field. According to the curriculum system design method of "reverse decomposition, integration and reconstruction, positive implementation, dynamic feedback and circular improvement", complete the curriculum system development and curriculum content reconstruction of aviation service specialty, and form a systematic professional curriculum system. Guide students to learn and master cultural and scientific knowledge and skills, promote the improvement of students' quality, and make them become people needed by the society. The construction of perfect experimental training equipment and advanced practical teaching base can not only provide students with a good learning platform, but also improve teaching quality, enhance students' employability, expand students' popularity and expand more employment channels for students. Figure 1 is an overview of the aviation service curriculum system.

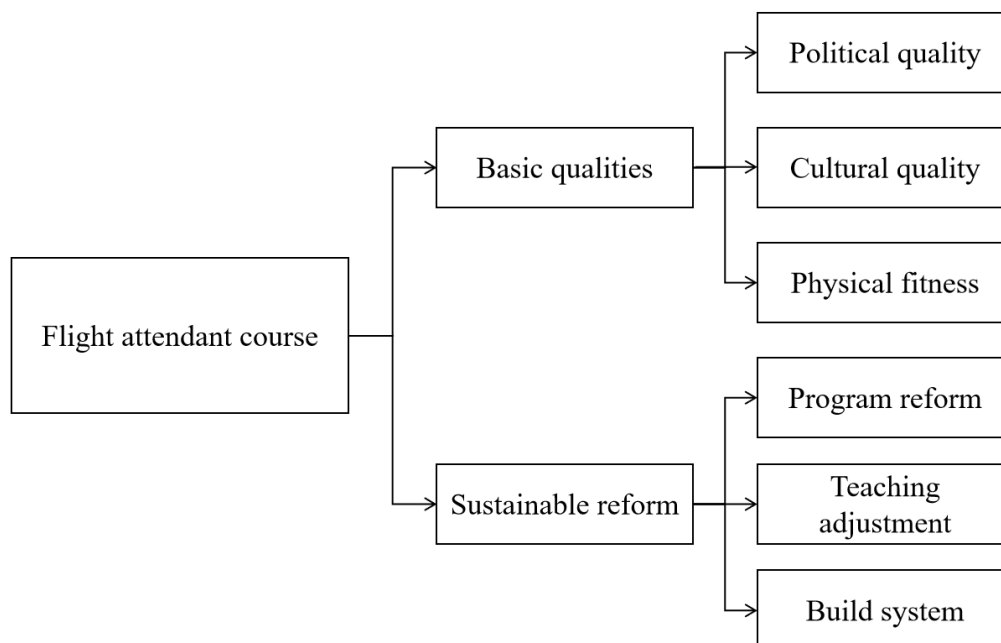


Figure 1: Overview of the aviation service curriculum system

2.2. Thoughts on the construction of course system of aviation service major

Because the aviation service specialty has been established for a short time, teaching materials are relatively scarce, the range of teaching materials available for use is not large, and the quality of compilation is poor, so it is difficult to meet the needs of high-quality aviation service specialty teaching. The research and exploration on the construction of aviation professional curriculum system reconstructed the three-dimensional curriculum system with "skill accomplishment, professional accomplishment and humanistic accomplishment" as the goal of cultivating talents' professional competence, forming a theoretical curriculum cube and a practical curriculum cube. The three-dimensional curriculum system changes the framework of the traditional curriculum system, makes the curriculum content more conducive to the three-dimensional cultivation of students' knowledge, ability and quality, and enhances their professional competence. The so-called "professional competence" refers to the abilities that should be possessed to adapt to the post occupation, including communication skills, interpersonal skills, political skills, organizational skills, career planning and management skills, career promotion skills, job skills, etc. The construction of teaching staff is undoubtedly the primary task of strengthening professional construction, and it is a key factor related to the training quality of flight attendant students in vocational education. Schools should formulate specific policies for introducing teachers[9]. A good policy is a strong guarantee for the construction of teaching staff. Combining with the existing teachers' situation, we will introduce academic leaders who can play a leading role in disciplines with policies and favorable conditions, and attract highly educated and high-level teachers with rich industry knowledge background. Teachers of different levels, ages, titles and titles will form a good talent echelon. We should improve the training system through multiple channels, urge and encourage teachers to upgrade their academic qualifications, strengthen teachers' professional skills training, organize regular learning and exchanges among peers, conduct industry research, and go deep into the aviation service industry for in-depth learning and training.

3. Countermeasures, suggestions and influences on the construction of aviation service professional course system

3.1. Countermeasures and suggestions for the construction of course system of aviation service major

Aviation service industry is not only the power source of national economic development, but also an indispensable part of the national emergency response system. The cultivation of aviation service talents is the cornerstone to ensure the sustainable development of civil aviation industry. It is urgent for relevant national departments to establish perfect cultivation policies to ensure the quality of talent cultivation. In terms of curriculum, the contents related to the professional qualification certificate can be introduced into the professional courses. For example, by studying the course of civil aviation passenger transportation, you can obtain the qualification certificate of civil aviation transportation sales agent, so as to strengthen the cultivation of students' professional ability and the formation of professional quality. The government can issue access policies, take vocational certificates and comprehensive quality certificates as the entry threshold of the industry, and strengthen the improvement of students' comprehensive ability. When setting talent training objectives, aviation service related industries should adjust the training of high-quality applied talents proficient in aviation service skills to the training of international, compound and innovative talents who master domestic and foreign aviation service business knowledge, have a high foreign language level and can carry out aviation service and management. Curriculum is the basis of talent training and an important starting point to ensure talent knowledge structure and ability structure. In order to build a scientific and reasonable talent training system, it combines the core quality of aviation service and management talent training. Based on professional skills, focusing on foreign language and management ability, characterized by artistic literacy, combined with computer ability, the practical ability of professionals can be comprehensively improved, as shown in Figure 2. The curriculum module is designed with professional ability as the core, but each module has corresponding targeted improvement of comprehensive quality while cultivating professional ability. The aviation service industry informatization curriculum module and artistic quality curriculum are extended, and the professional ability and comprehensive quality training jointly improve the curriculum system of cultivating compound talents.

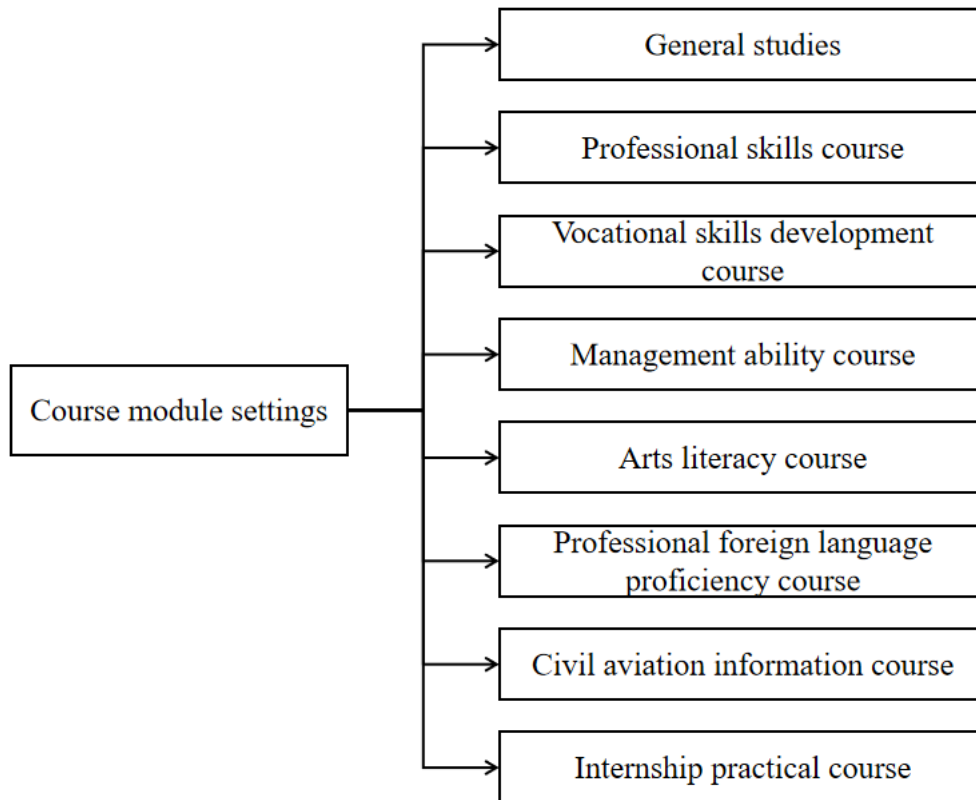


Figure 2: Course module structure diagram

3.2. The influence of the construction of the aviation service professional curriculum system

According to the requirements of China's higher vocational education, higher vocational education cultivates high-skilled talents who meet the needs of production, construction, management and service, and develop morally, intellectually, physically and aesthetically. The curriculum system reform of aviation service specialty based on the combination of work and study has changed the way that the traditional subject knowledge system dominates the curriculum setting, and has become a distinctive feature of the difference between vocational education and general education, which is conducive to reducing the subjectivity in the orientation of talent training objectives and enhancing the pertinence of post ability training objectives. Higher vocational colleges can try to cooperate with professional flight attendant training institutions, learn their advanced practices and strengths in skills training, innovate collaboratively, change competitors into partners, improve the training efficiency and quality of flight attendant talents, and promote the joint construction of training bases for professional flight attendants[10]. It is feasible to grasp the opportunity of running a school through coordinated development, such as courses, teachers, cooperative running of schools, etc., which will help flight attendant specialty overcome development obstacles and cultivate talents to meet the needs of local industrial development. The development of aviation service specialty in the college is based on the national leading level, relying on the reform to build a new talent training mode and giving full play to its own advantages, so that qualified service skilled talents can be trained to meet the needs of enterprises. According to the strategic goal of strengthening China's civil aviation, with the rapid development of China's economy, more and more domestic and foreign passengers will fly in and out of China's major international airports. At the same time, the business volume of aviation services will naturally increase by a large margin, and the aviation service industry will usher in a period of rapid development, which will affect the reform and development of China's higher vocational education, make the teaching plan fully reflect the needs of enterprises and effectively promote the development of schools.

4. Conclusions

Aviation service is an emerging specialty. Although it has good development prospects, its professional system is not perfect, and many problems need to be further studied. For the aviation service industry, the construction time of this major is short and there is little school running experience. We must further strengthen the construction of professional characteristics in the spirit of seeking truth, pragmatism, exploration and innovation. Through the investigation of the social needs of this major, we can redefine the training objectives, reform the curriculum system, strengthen the construction of teaching staff, and establish the talent training mode of work study combination, so as to gradually form a brand major and become the characteristics of school running. It is a challenging proposition for any organization, whether enterprises or institutions, to grasp its destiny and direction in the era of economic upgrading and social transformation. Therefore, the research and implementation of strategic management has important survival significance and development value. With the rapid development of aviation service industry, the demand of civil aviation airports and civil aviation enterprises for higher vocational civil aviation safety technology management professionals is increasing. According to the talent training objectives of Civil Aviation Safety Technology Management Specialty in higher vocational colleges, taking professional ability as the guidance, determine the professional post group, summarize the typical work tasks in the professional field, and construct the professional curriculum system. At the same time, higher vocational colleges have unique advantages in training general aviation technicians. As long as they clarify their own direction and the connotation of "applied technology" in terms of talent training orientation and training plan implementation, combined with the characteristics of general aviation support work, the curriculum system will be able to cultivate aviation technical skilled talents urgently needed by the general aviation industry.

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