

Discussing the Practical Training Teaching of Numerical Control under the Background of Integration

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ABSTRACT. *The CNC major is a popular major in the context of industry-education integration. The teaching purpose of this major is to train comprehensive talents who can adapt to the practical needs of the CNC market. In order to cultivate students' application ability, it is very important to carry out practical teaching. Under the background of industry-education integration, the practical training course of CNC specialty is mainly to cultivate students' professional knowledge application ability, exercise students' ability to solve problems through their own knowledge, and lay a practical experience foundation for students to social employment. On the other hand, the teaching of practical training courses is also to promote students' in-depth understanding and application of teaching knowledge, to cultivate their professional skills, and to promote employment. This article is based on the analysis of the problems existing in the practical teaching of CNC professional training teaching under the current background of industry-educational integration, and pointed out some solutions.*

KEYWORDS: *CNC, Practical training, Reform*

1. Introduction

At present, in the context of the integration of industry and education, practical training is an important teaching method. The main teaching goal of the practical training course is to train professional and applied talents, to train students' practical ability, through various practical teachings, to enable students to meet the actual demand for professional talents in the social market, so as to enhance their sense of crisis and promote students' enthusiasm to participate in practical activities promotion. For NC major students, participating in practical training has a positive meaning for enriching their abilities. When we carry out practical training, we mainly cooperate with external units to carry out internal and external practice, deepen professional knowledge education in practice, and at the same time teach students relevant knowledge information about different travel agencies and different scenic spots, and notice that they are aimed at different sizes. The information about the working processes and other information of hotels, playgrounds and other facilities will be taught to continuously enrich the professional knowledge of students, while at the same time training students' professional skills and time level, laying a solid foundation for employment,

In the CNC major under the background of industry and education integration, the practical training course is the key content of the major and the center of practical teaching. In professional training courses, the school expands students' horizons by organizing students who want to contact CNC companies and teaching in CNC attractions, hotels and other CNC venues, while greatly enriching the students' horizons and knowledge level. On the other hand, in field teaching and practice, the practical training of students can effectively promote the integration of industry and education, and improve the school's social benefits.

With the continuous improvement of the current economic market in China and the development of globalization of the world economy, the CNC industry, as a hot industry in China, must continue to develop in this evolving social environment and up the level. In this social environment, my country has a great demand for CNC talents with excellent professional capabilities. Therefore, in the context of the integration of industry and education, practical teaching must be a key content in the teaching process of CNC majors.

2. Problems in the Teaching of CNC Training Courses

At present, my country has a high demand for CNC professionals with excellent professional skills. Therefore, we must ensure the comprehensiveness of the teaching content in the teaching process of CNC majors, and be able to conduct targeted practical training for different positions in the CNC industry. At present, the content of practical training courses for CNC majors mainly includes restaurant layout, basic cooking,

equipment cleaning, etc. The teaching content assessment lacks reasonableness, and at the same time there are few assessment items. In teaching, the focus is not on the demand for talents.

3.1 Disconnection between Theory and Practice

Since the NC major has very high requirements on theory and practical skills, we should not only pay attention to the teaching of various CNC knowledge in teaching, but also pay attention to organize and carry out various practical activities to enrich the experience of applying skills. Therefore, we require that students should not only have the ability to simulate guest rooms, restaurants, tour guides and other services, but also have rich practical experience, which cannot be tempered when studying in school, so it is necessary to carry out practical training teaching outside the school. However, at present, some schools in our country still adhere to the obsolete teaching plan. They are separated from practice in the teaching process and cannot effectively improve the students' ability to apply knowledge. In the practical teaching process, the lack of scientific teaching theory guidance is contrary to China's market environment.

3.2 Emphasis on Operation Training and Training on Quality

In the process of economic globalization, my country's CNC market is bound to go abroad. Therefore, we need to build a CNC staff with excellent cultural literacy. Although we have a great demand for CNC talents with excellent skills and experience, this is not a necessary requirement for every CNC staff. We require everyone to have a good moral quality for CNC staff. In the teaching process, we must do a good job of cultivating students' professional ethics. However, under the current background of the integration of industry and education, the excessive emphasis on skill operation training in teaching has neglected the cultivation of quality. This wrong tendency needs to be changed in time.

3.3 The Combination of Industry and Education Needs to Be Deepened

In the teaching process of CNC majors in higher vocational colleges, due to the reasons of some enterprises, it is not possible to build a small professional training course in the arrangement of professional training courses. There are certain deficiencies in the cultivation of students, as well as teachers' teaching methods, teaching ways, assessment methods, etc. The school canceled the effective cooperation with the enterprise, and failed to fully combine theoretical teaching with practical training.

4. Suggestions on Teaching Reform of Practical Training Courses for Numerical Control Majors

4.1 Improve the Teaching Management System of Practical Training Courses

When we carry out the teaching reform of practical training courses in vocational colleges and schools, we mainly include the following aspects: the reform of teaching plans, the improvement of facilities and conditions, the construction of teaching staff, and the student management system. When we promote the reform of the teaching management system, we must pay attention to the relationship between these aspects, and take the promotion of teaching to adapt to market changes as the goal of reform. Strengthen the reform of the training course teaching plan as the main means, constantly improve the teaching management system, improve the teaching conditions, adhere to the separation of examination and teaching in the teaching management, and implement it in the actual assessment, and promote the reform of the training course as the background of the integration of production and education, its the main way to improve the teaching level of CNC specialty.

4.2 Strengthen the Cultivation of Professional Qualities

In the teaching of CNC students, especially the graduates who are about to graduate, facing the upcoming employment problem, in order to lay the foundation for this part of CNC students to the society, we need to continuously strengthen the cultivation of professional qualities in the practical training, and improve the students' adaptability to the CNC market, do a good job of professional education in teaching, and pay attention to ideological, theoretical and professional ethics education in teaching. At the same time, the vocational skills assessment standards will be unified during the examination of the training course, and the assessment standards

of the CNC industry will be applied to the assessment of the training course to improve the teaching level of the training course, as well as the professional skills and comprehensive qualities of the graduates.

4.3 Develop a More Scientific Teaching Plan

No matter which subject is taught, we need to make a good teaching plan in advance and make a teaching plan. In the teaching of theoretical and practical courses in the context of the integration of industry and education, we also need to formulate a scientific and reasonable teaching plan. In the process of formulating the teaching plan, we should combine the vocational skill level identification standards of our country and the competition rules to formulate the teaching content and teaching methods of the practical training class. Incorporate professional standards into the teaching and assessment of CNC specialties in the context of industry-education integration, and fully adjust the teaching plan and teaching content in the teaching process by fully integrating the changes in the CNC market. At the same time, it constantly improves the theoretical and practical course arrangement of the NC major, optimizes the professional course system, and can use practical case teaching in teaching to deepen the students' practical application of skills by means of student training.

4.4 Pay Attention to the Close Cooperation between Schools and Enterprises

In the teaching of CNC majors in higher vocational education, we must pay attention to strengthening cooperation with social enterprises, providing students with a good skills practice platform, and understanding the role of professional knowledge in actual post work. As a school, it is necessary to strengthen the research on the job responsibilities of cooperative enterprises and understand the actual needs of different positions, so as to formulate the standards for NC training and teaching. By establishing close cooperation between schools and enterprises, the school can help the school improve its talent training strategy.

4.5 Promote Education through Production, Promote Production through Education

Establishing an academy as a vocational skill training school should strengthen the understanding of practical teaching, especially in the teaching process of CNC majors, and provide students with a high-quality on-campus training base. Give full play to the good complementary role of classroom teaching and extracurricular practice, constantly optimize the practical training equipment of CNC majors, and improve the curriculum arrangement. Strengthen the research work of the enterprise, so as to optimize the NC professional teaching plan, improve the management of students, and continuously realize the scientific and rational evaluation of students. In teaching, fully participate in the strategy of promoting production through production and teaching.

5. Conclusion

In the teaching practice in the past few years, we can fully feel the important thinking of strengthening quality education for the CNC major under the background of production and education integration. While promoting the continuous improvement of the teaching level of the CNC major, we must uphold the spirit of innovation and promote teaching reform. In the teaching process of practical training courses, firmly grasp the characteristics of CNC majors, attach importance to theoretical education and increase practical training, continuously improve students' hands-on time ability, and enrich work experience. At the same time, we must look at the teaching work of the training course with a developing perspective, actively understand the changes in the social environment and the CNC market, firmly control the basic elements of the training course, and combine theoretical teaching with the training course organically to achieve The mutual promotion of the two promotes the teaching innovation of practical training teaching of numerical control under the background of integration of production and education.

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