The Practice of Cultivating the Spirit of the Vocational College Student Craftsman in Classroom Teaching

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\textbf{Key words:} Classroom teaching; Craftsman spirit; Vocational training.

\textbf{Abstract:} This course is a key tool in the acquisition of professional key skills and professional literacy, and the craftsmanship is the core quality of a highly skilled person. This paper discusses how to cultivate the spirit of craftsman in the course teaching from four aspects: elaborate teaching materials, focus on practical teaching, small-class teaching and change of traditional learning evaluation mode.

1. Introduction

Classroom teaching is the main position to cultivate the spirit of craftsman, which is the most important carrier for the vocational training. The integration of craftsman spirit into the classroom teaching is the basic work of cultivating the spirit of the students. The author thinks that the following points can cultivate the spirit of craftsman in the classroom teaching.

2. Elaborate teaching materials

Modern enterprises require strong technical skills and craftsman spirit. On the one hand, the staff is responsible for the control of production scheduling, production process monitoring and product quality. On the other hand, the staff can work with professional designers on the development and process design of products or projects. They have more hands-on skills and more abundant practical experience, and can carry out practical work according to the requirements of the production unit.

The existing teaching materials of education are obsolete and cannot meet the requirements of talent training. Therefore, it is necessary to create a new textbook and publish it under the premise of the teaching rules of education of the vocational schools, and the guiding ideology of "inheriting the spirit of craftsman and cultivating the creative talents" is to focus on the innovative talent quality view, in which the new technology and direction of the industry development are the main contents.

New teaching materials should reflect the new process, technology and products, draw a large number of various production program, and then selected carefully into several tasks, which combining the actual situation of the school laboratory and training rooms.

3. Focus on practical teaching

In practice teaching, we should pay attention to the cultivation of students' professional competence and professional quality, because it is an important means to cultivate the spirit of the students' craftsman. To cultivate the spirit of the students, Teacher must require students to carefully prepare before the class, including theoretical knowledge in curriculum resources platform in learning and absorbing, carefully watch the related video, polished concrete operation, and encourage online discussion. In the laboratory, the teacher strictly inspects the preparation before the experiment, and praises the meticulous students. At the beginning of the experiment, every student must take every step of the experiment carefully and not allow any careless work. The teacher must affirm and praise the earnest students and the students who proposed the improvement measures in the experiment process and use them as role models for learning.
For practice teaching, the teacher should guide students study guiding commitments before practice, watch the process video in the enterprise machining process, and ask them to be familiar with every step of operation and matters. In the training room, at first, the teacher should set up a goal that students can easily achieve, so that students can feel the joy of training and believe that they can make products. Then, students are asked to complete the difficult products. The teacher should strictly require the students to do well of each step, each processing procedure, each intermediate and finished product, and check the finished products strictly according to the national standard. Students who are meticulously prepared, thoughtful, brainy, dedicated and innovative can win happiness and respect, so that students can deeply understand the importance of craftsman.

4. Small-class teaching

In large class teaching, the teacher can't pay attention to each student's study condition, also unable to strictly check each strict, so some shoddy work and data fraud may muddle through. The result is that the teaching effect falls short of the target. The fact shows that the traditional class teaching is not conducive to the realization of course teaching objectives, especially the higher vocational courses which emphasize hands-on operation. In this case, it is impossible to cultivate the spirit of the craftsman.

In order to solve this problem, teachers should make small-class teaching. In small class teaching, teachers can pay attention to each student, strictly check each student’s mastery of skills, and timely find and solve the difficulties of the students. The small-class teaching can carry on the teacher-student interaction in a timely manner, which is obviously beneficial to the cultivation of the "craftsman spirit" of the students.

5. Change of traditional learning evaluation mode

At present, the evaluation of students' courses in vocational colleges is dominated by the emphasis on the ability of knowledge and light ability, which weakens the students' enthusiasm and creativity. The assessment method is mainly to terminate the evaluation, neglect the process assessment. This kind of assessment method does not reflect the characteristics of modern professional education, which can not meet the training requirements of the society for skilled talents, and it is necessary to reform.

The teaching team can record the actual production video, and make microlectures. On this basis, schools and businesses build a video resource library platform together, which conclude multiple directions to evaluate students, such as homework, self-test, examination, study statistics, learning evaluation, answering questions and teaching note.

In the library platform, the students' attendance, preparation, discuss, review, assignments, the search for knowledge, emotion and so on can be shown very clearly. Teachers can evaluate students' studies based on their performance in different stages of the platform which provide a solid foundation for the process. Students will pay more attention to their daily behaviors, study attitude, study habits, consciously improve their professional skills and quality, and effectively promote students' initiative and healthy development through evaluation.

6. Discussion and Conclusion

Gladwell said: anyone who passes through 10,000 hours of effort can be ordinary and extraordinary. Mark Twain also said that if you focus on one career, you will be surprised by what you do. Therefore, in the teaching, we should focus on cultivating students' habit of doing things, so that the spirit of the student craftsman gradually formed.

Course is key to obtain professional ability and professional quality of higher vocational students. The spirit of craftsman is the core quality of professional talents. Course teaching to cultivate students the spirit of craftsman in just to do the above four aspects is not enough, also require the professional course teachers determine and focus on exploration and practice, which require the
help and joint efforts of people from all walks of life. Let us work together to build a dream and achieve the goal of making great nations.

Acknowledgements
This work was financially supported by grants from Fundamental Research Funds (No. XHXS2017120) for the Vocational School, Jiangsu Vocational Education Institute Professional Education Research Programs.

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