

The Path of Ideological and Political Education in the Course of “Electrical and Electronic Technology” in Higher Vocational Colleges from the Perspective of Teaching Diagnosis Reform

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Abstract : The penetration of ideological and political education in the course of “Electronics and Electrical Engineering” in higher vocational colleges not only requires students to master professional knowledge, but also strengthen their ideological and political ability. The penetration of ideological and political education can influence students’ future life direction and the outlook on life, values, and world outlook all play an immeasurable role, which can establish a correct concept of life for students, and make ideological and political education the future life orientation of students. The goal of vocational colleges is to train high-quality technical talents for the society. Therefore, ideological and political education is also one of the abilities that high-quality talents should possess. However, many vocational colleges pay more attention to professional skills for students. The training of ideological and political education for students is often ignored. This has seriously violated the concept of the new curriculum goal. The talents cultivated by higher vocational colleges for the society are of comprehensive quality. Therefore, the “Electronic and Electrical Technology”. It is an inevitable trend to integrate ideological and political education, constantly innovate teaching concepts and teaching methods, and devote itself to the cultivation of high-quality students.

Keywords : Higher Vocational Colleges; Electronic and Electrical Technology; Ideological and Political Education

Chairman Xi clearly proposed that ideological and political education should be integrated into the curriculum construction of higher vocational colleges and penetrate into the actual teaching of each course. In order to actively implement the chairman’s ideological guidance, in recent years, major higher vocational colleges the school is constantly innovating the integration of ideological and political education. The development of this work is the focus of the attention of higher vocational colleges. It is committed to ideological and political education to achieve the goal of morality and talent for the school, and strengthen the ideological and political education of students through effective measures. The internalization of vocational colleges can improve students’ ideological cognition and establish the correct three views. It can encourage vocational students to possess skills and skills, but also have a positive, optimistic, and correct ideological attitude. Such talents can shape higher vocational colleges. The brand image of the school provides a strong core competitiveness for higher vocational colleges.

1. The principle of integrating ideological and political education into the course “Electronics and Electrical Technology” from the perspective of teaching and diagnosis reform in higher vocational colleges

From the perspective of teaching diagnosis reform, the diagnosis reform of the “Electronics and Electrical Technology” course is based on the combination of the diagnosis of the teaching process and the continuous improvement of the teaching process, and the two complement each other. The improvement of teaching depends on teaching diagnosis. Teaching diagnosis is to find problems in the teaching process, and then to improve teaching problems, the diagnosis of teaching and the improvement of teaching are

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integrated and carried out from beginning to end. There is no single process of any one, and a good cyclic mode is presented in the teaching process. This cyclic mode is not only as a formal existence, it should become the normalization of teaching work and be able to refine it so that ideological and political education can be penetrated into the curriculum of “Electronics and Electrical Technology” from the perspective of teaching diagnosis and reform. The following principles need to be grasped in the process.

1.1 Incorporating ideological and political education into the course of “Electronics and Electrical Technology” requires a full range of ideological and political education

Ideological and political education has certain hidden and explicit effects for the course of “Electronics and Electrical Technology”. Therefore, teachers of this course must be able to clearly recognize the hidden and explicit effects of ideological and political education. Be able to cooperate with other subjects of education, and be committed to the obvious role of ideological and political education to reflect the value. In the course of teaching, it is necessary to achieve a full range of education, and implement the ideological and political education to the professional. Go to the professor of the course.

1.2 Incorporating ideological and political education into the course of “Electronics and Electrical Technology” needs to be implemented consistently

The course content of each grade is different, so the elements of ideological and political education contained in the course content are different. Teachers should integrate all the elements and infiltrate the teaching of the professional course of “Electronics and Electrical Technology”. For example, when students are in the second grade, teachers should pay attention to the cultivation of students’ coordination ability and professional quality. When students are in the third grade, teachers should focus on the cultivation of students’ professional ethics.

1.3 Incorporating ideological and political education into the course of “Electronics and Electrical Technology” requires full participation

Ideological and political education must not only be integrated into the teaching of various subjects of higher vocational students. At the same time, some cultural activities, club courses, and education theme activities, volunteer services, and some social welfare labor must be integrated into the content of ideological and political education, to ensure that all employees participate, all employees are educated, and they are committed to the improvement of the ideological and political level of every higher vocational student.

2. Improvement measures for the integration of the course “Electronics and Electrical Technology” into ideological and political education from the perspective of teaching and diagnosis reform in higher vocational colleges

2.1 Diagnose and reform the teaching mode of the “Electronic and Electrical Technology” course

To change the past teaching methods and create a new teaching model suitable for contemporary educational backgrounds, for the teaching of the “Electronics and Electrical Technology” course, we must first integrate the elements of ideological and political education into its professional courses, so that students can establish the correct life direction. Have a practical and dedicated work attitude, and noble moral sentiment. Through the diagnosis and reform of the teaching content of “Electronic and Electrical Technology”, it has a certain high quality and rich teaching methods, and trains students to become high-quality talents. In the process of teaching, we must be good at digging out the ideological and political education elements contained in various disciplines.

2.2 Incorporate the concept of socialist core values into the professional curriculum teaching of higher vocational students

“Electronics and Electrical Technology” in vocational colleges mainly talks about the related knowledge of circuits, the basic laws of circuits and analysis methods. Therefore, in the teaching of professional courses, teachers should focus on cultivating students to analyze problems from the perspective of personal practice. Be able to correctly recognize the various attributes of the job, identify with the major, cultivate students’ professional ethics and professionalism, and be able to be honest, trustworthy, and dedicated to their jobs after graduation.

2.3 Infiltrate legal awareness in the teaching of professional courses aimed at “Electronics and Electrical Technology”

The professional course of “Electronics and Electrical Technology” in higher vocational colleges mainly focuses on students’ practical ability and innovative consciousness in the mechanical field, which can enable students to strengthen their practical ability

and comprehensive ability through studying this major, and cultivate students' innovative consciousness and innovation. "Electronics and Electrical Technology" is a basic course for mechanical majors. After completing the majors, students need to be able to independently complete the actual operation of electrical and electronic circuits, as well as the basic debugging and maintenance of electronic circuits, on the basis of these abilities continuous innovation, such as the research and development of small application systems, can promote students to become intermediate technical talents.

2. 4 Use multimedia to integrate ideological and political education with the teaching of "Electronic and Electrical Technology"

The rapid development of information technology has promoted the continuous progress of all walks of life in society. In education, it still has the shadow of information technology. Teachers can flexibly use new media technology in the teaching process and integrate ideological and political education into the carrier of new media. Relevant knowledge, breaking the previous classroom is the main channel of knowledge dissemination, for the diversification of the dissemination of ideological and political education knowledge, students can also learn the knowledge of ideological and political education anytime and anywhere through the new media platform, for example, schools Wechat official account, school Weibo, etc., through network carriers, realize zero-distance contact between teachers and students, which can promote the transformation of the interaction mode between teachers and students, and create an ideological and political education teaching atmosphere for students through different channels on the WeChat public account, teachers can timely push some articles or stories that are beneficial to the physical and mental health of higher vocational students, covering some related topics with core socialist values, and can transfer some written theoretical knowledge through easy-to-understand short stories can be displayed to increase students' enthusiasm for reading, and at the same time, it can also influence students' thinking and cognition in a subtle way.

3. Conclusion

Strengthening the ideological and political education of higher vocational students is one of the ways to implement the patriotism education of higher vocational students in the new era. Therefore, the continuous strengthening of the ideological and political education of higher vocational students is conducive to improving the ideological and political education of teachers and students in higher vocational colleges. The sense of identity of education, in actual teaching, can integrate the courses of "Electronics and Electrical Technology" with ideological and political education, continuously innovate teaching models and educational concepts, strengthen students' cognition of ideological and political education, and strengthen the innovation and innovation of teachers' educational concepts In the diagnosis and reform, the talents who are committed to the cultivation of higher vocational colleges have high quality and high skills, can provide the society with better social successors, and have laid a good foundation for the long-term development of higher vocational colleges.

References

1. Wang Y. Exploration of the realization path of career planning education in higher vocational colleges under the curriculum ideological and political concept. *Journal of Hubei Open Vocational College* 2021; 34(21): 71-72.
2. Guo W. Exploration of ways to strengthen the ideological and political curriculum and the collaborative education of ideological and political education in higher vocational colleges in the new era. *Journal of Jinan Vocational College* 2021; (05): 62-64.
3. Tang Y. Exploration of the path of ideological and political education in the course of "Electrical and Electronic Technology" in higher vocational colleges from the perspective of teaching diagnosis reform. *Digital World* 2020; (02): 111.