

Research on the Teaching Reform of Ideological and Political Education Introduced into the Course of Power Electronic Technology

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Abstract: The improvement of political and ideological work in specialized courses not only brings challenges to the construction of ideological and political courses, but also brings new requirements to specialized courses teaching. In order to carry out the political and ideological education throughout the whole process of electric power and electronic technology teaching, teachers of professional courses should impart professional knowledge in class to cultivate students' professional quality, in addition, the elements of political and ideological education should be incorporated into classroom teaching to guide and shape the students' socialist core values. This paper analyzes the core connotation and the main problems in the practice of curriculum political and ideological work, and puts forward some corresponding countermeasures and suggestions.

1. Introduction

"In education, excellent political and ideological task should be as essential as salt. It should be the best to do this is to dissolve the salt in foods and then intake it naturally." It's like getting salt out of your food. We need to make clear what is the political and ideological work in the teaching process of specialized classes, how to do it, and who should do it. Let every teacher take the responsibility of educating people, and let every course play the role of educating people well, we should combine professional courses with the promotion of kindness and beauty, and make the "Dry talk" change to "Warm Talk". We also need to carry out the ideological and political work of college students in the classroom teaching of specialized courses.[1]

2. The Core Connotation of Ideological and Political Curriculum

Curriculum political and ideological refers to the teaching of curriculum knowledge on the basis of leading students to learn the knowledge into the inner virtue, into their own spiritual system of the organic composition, transform into a quality or ability of their own, become an individual to understand the world and transform the world's basic ability and methods. The course of power electronic technology is not only a basic course of automation specialty, but also a main course of automation specialty[2]. In the power electronic technology courses, the integration of the course

ideology and politics is also being practiced and explored constantly, and the political and ideological construction of the course is regarded as an important cut-in point to strengthen the ideological and political education in colleges, so as to improve the quality of college education and teaching in an all-round way, we will move forward bit by bit in accordance with local conditions. At present, it has initially formed a situation in which the teachers pay attention to it and the majority of teachers take an active part in it.

3. The Main Problems in the Process of Promoting Ideological and Political Education in College Specialized Courses

For a long time, in the ecological environment of colleges and universities, college students mainly receive professional education, professional teachers and students contact the most. Therefore, strengthening political and ideological education in college specialized courses is more conducive to the teaching of political and ideological education. However, due to the lack of awareness and the lack of knowledge of Marxist theory, the teachers of some professional courses pay much attention to the teaching of professional experience and neglect the political and ideological education, even thought that the ideological and political education is the ideological and political teacher's main duty and the duty. Some curriculum teachers only take note of teaching, but ignore educating people, and fail to truly implement the flag of establishing morality and teaching people in teaching[3]. In recent years, although political and ideological education should be included in the teaching of professional courses according to the requirements of the state, some professional teachers still have insufficient knowledge and understanding of ideological and political education and remain at the level of learning policy documents. They did not spend time on studying the relevant content of ideological and political education, nor did they spend energy to integrate the relevant content of political and ideological education into curriculum design, teaching content and other aspects. Few teachers promote the ideological and political education of the curriculum in teaching practice. It can be seen that the professional course teachers don't understand the core concept of ideological and political education of the curriculum, and the implementation of ideological and political education of the curriculum is easy to become formalized[4].

Power electronics teachers have attached importance to the teaching of professional knowledge and neglected the integration of political and ideological content in classroom teaching. Although some teachers try to explore the practice of ideological and political education in classroom teaching, the effect of classroom education is not obvious, and the understanding of political and ideological education in the curriculum is also simple. Some teachers mechanically divide the classroom into two parts: teaching professional knowledge at the front and teaching theoretical knowledge of political and ideological education at the back, which can not handle the relationship between professional knowledge teaching and value guidance; Ideological and political education can not be properly infiltrated in the process of imparting professional knowledge; The content of political and ideological education cannot be naturally integrated into the teaching of power electronics, which affects the practice and development of political and ideological education. In addition, some teachers themselves are relatively passive in learning the theory of ideological and political education. They do not actively learn relevant knowledge at ordinary times, resulting in low quality of ideological and political education. They rarely spend time and energy to promote the political and ideological education of this course according to the requirements of students' growth laws, discipline characteristics, etc., so that the content of political and ideological education cannot be well integrated into the teaching of professional courses, affecting the effectiveness and education quality of power electronics courses[5].

The course construction of power electronic technology is the basic premise and important foundation to improve the teaching effect of power electronic technology course, and also the key to ensure the teaching quality of power electronic technology course. At present, under the premise of strengthening political and ideological education, colleges and universities need to constantly practice and explore how to integrate the content of political and ideological education into all aspects of power electronic technology course teaching and course system construction. At the same time, the requirements and design of curriculum related talent training programs, teaching plans, teaching tasks, teaching material systems, school teaching effect evaluation and evaluation systems, pay attention to the improvement of students' professional knowledge and practical skills, and strengthen the guidance and shaping of students' values such as "ideal and faith", "four self-confidence", family and country emotion, and national identity.

4. The key to the Construction of Ideological and Political Curriculum is to Improve the Quality of Professional Teachers and Play a Leading Role

The key to ensure the political, ideological and theoretical nature of political and ideological courses is to build an excellent team of teachers of political and ideological courses. Excellent political and ideological teachers of professional courses can set an example for teachers of professional courses and help to implement political and ideological education in power electronics courses. We must strictly build the team of political and ideological teachers of professional courses into a strong team with strong politics, deep feelings, new thinking, broad vision, strict self-discipline and positive personality, strengthen the leading, exemplary and exemplary role of political and ideological teachers in curriculum political and ideological education, promote the construction of curriculum political and ideological system, and promote the cooperation and integration of political and ideological education and curriculum political and ideological education.

Professional teachers have a great responsibility. They are the backbone of soul building and education, and also the backbone of ideological work in colleges and universities. Excellent teachers of political and ideological courses should have more firm political beliefs than teachers of other courses, and be the guides of teachers. To strengthen the construction of political and ideological teachers, the primary task is to strengthen political education. By strengthening political learning and the construction of teachers' ethics and style, we should ensure that every teacher always maintains a high degree of consistency with the CPC Central Committee in political position, political direction, political principles and political path, strengthen the "four consciousness", strengthen the "four self-confidence", achieve "two maintenance", be a model of learning and practicing Marxism, and lead the political and ideological work of power electronics courses.

Only when professional teachers have a deep understanding of Marxism can they truly transform the teaching content from the teaching material system to the teaching system, and from academic discourse to teaching discourse, so that students can truly believe and be convinced, show the penetration and persuasion of Marxist theory in power electronics courses, and fully demonstrate the power of science. Therefore, teachers of specialized courses must strengthen the study and theoretical research of Marxism. They should: truly learn, read the classic works of Marxism; Really understand the essence of Marxism; Faithfulness, internalizing Marxism; True education externalizes Marxism into practice. Only by consolidating the theoretical foundation and improving the theoretical accomplishment, can professional teachers better provide Marxist theoretical guidance for the teaching process of power electronics courses, and "enhance the guiding and radiating role of power electronics teaching content".

Professional course teachers should not only be educators, but also be preachers and puzzle

solvers. In the context of the introduction of power electronics technology into the political and ideological curriculum, teachers of professional courses turn their eyes to teachers of political and ideological courses. They should see how professional teachers of political and ideological courses preach and learn how to effectively carry out political and ideological education in classroom teaching. At present, college curriculum political and ideological work has made some achievements in breadth, but the depth and effectiveness are far from enough. The main problem faced by teachers of power electronic technology courses in carrying out political and ideological education is that they do not know exactly what is the political and ideological element? Where should we find the political and ideological elements? Some teachers do not dig out the materials that are meaningful for students' political and ideological education from professional courses, but forcibly insert some materials of political and ideological courses into professional courses; Some teachers do not understand the laws and methods of political and ideological education, and are difficult to choose appropriate teaching methods to play the role of political and ideological elements in professional courses; Some teachers can not properly integrate professional knowledge and political and ideological elements through reasonable teaching design, and can not play the recessive role of political and ideological education and consolidate the teaching effect of political and ideological courses.

To solve the above problems, professional teachers need to receive the training of political and ideological teachers. First, fully explore the path of political and ideological elements to ensure that the political and ideological elements themselves are scientific, ideological and theoretical. The second is to actively screen political and ideological elements, learn the corresponding teaching methods, and master the laws and characteristics of political and ideological education. The third is to carry out teaching design and skillfully integrate political and ideological elements into all teaching links of professional courses. At the same time, teachers of specialized courses must take the lead in improving their teaching and research abilities, and drive them to improve their ability to build political and ideological education. The teaching level of power electronics teachers should be improved as a starting point, and the teaching ability of teachers should be improved through collective preparation of lessons, opening famous teachers' classrooms, organizing teaching observation, and strengthening the exchange of teaching experience.

5. Countermeasures and Suggestions on Integrating Professional Courses into Ideological and Political Education

Teachers should also deeply understand the significance of "curriculum ideology and politics", deeply tap the political and ideological factors contained in each curriculum knowledge point and each teaching link, earnestly do a good job in the teaching design and implementation of each teaching course, run the "curriculum ideology and politics" work through the whole process of education and teaching, and strive to achieve the organic unity of knowledge teaching, ability training and value guidance.

The mixed teaching mode of "online+offline" is adopted in the political and ideological education of power electronics technology course, including the release of task points on the front line, classroom teaching and online assessment after class. Issue task points in the form of questions on the Superstar Learning Link platform, so that students can preview the course content in advance. In classroom teaching, teachers need to organically combine power electronic technology courses with "political and ideological courses". In the introduction of each chapter, the background of knowledge generation, the development status of power electronics technology at home and abroad, and the latest real-time events at home and abroad are introduced at first. For example, the large-scale power outage caused by freezing rain in the southern United States in 2008, the

large-scale power outage in Texas in the United States in early 2021, the recent national energy strategic power rationing, and the improvement of national strength and manufacturing level of major countries such as heavy machinery. Through the introduction of these cases, students not only have a deep understanding of the concept of power electronics, but also recognize that China is a leader in the power transmission and transformer industry, enhance national pride, stimulate students' desire for knowledge, and encourage students to study hard, forge ahead actively and be brave in innovation. In this way, in the teaching process, students can not only experience the beauty of mathematical thinking, but also greatly stimulate students' interest in learning. Some students have no process but only results when dealing with exercises. Students should treat power electronics discipline strictly and reasonably, do their homework well, and ensure quality and quantity. You can use examples in life to guide students to think about their attitudes towards life and work. We should do a good job in all aspects of work seriously and strengthen ideological and political education and behavior education. For example, the judge directly sentenced the prisoner without obtaining evidence, the doctor directly prescribed medicine without asking the reason, and the spaceship went to heaven without countless experiments. For some students, they pay more attention to their personal interests in the course of teaching. Through the analysis of political and ideological cases, guide students to love the motherland, transfer positive energy, and practice family and national feelings.

6. Conclusion

The integration of political and ideological education into professional course teaching is a very complex educational practice, especially for young people with distinctive personality. Therefore, in order to reform educate students and improve their ideological and moral quality and professional ability, teachers of professional classes are required not only to be proficient in the professional knowledge they teach, but also to constantly research and innovate teaching methods, learn the theoretical knowledge of political and ideological education teaching, and effectively political and ideological and political content into the teaching of professional courses. Teachers should not forget their original intention, remember their mission, adhere to the student oriented principle, and implement the fundamental task of moral education. In the course teaching of power electronic technology, the value effect of educating people should be imperceptibly infiltrated, so that students can not only obtain professional knowledge, but also get the nourishment of personality, promote the overall growth of students, become talents, and improve the overall educational effect of the course.

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