

Study on Ideological and Political Reform of the Introduction of Electrical and Electronic Technology Curriculum

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Keywords: Curriculum ideology and politics; Electrical and electronic technology; Teaching reform

Abstract: Under the educational background of "moral education first" in the new era, curriculum ideological and political education, as the idea innovation and system innovation of education in the new era, has great superiority in moral quality education. It is imperative to introduce curriculum ideological and political education into the teaching of electrical and electronic technology courses, and how to silently integrate ideological and political elements into the curriculum is a problem that needs to be discussed. This paper first introduces the core connotation of ideological and political education in the curriculum and the importance of introducing ideological and political education into the curriculum of electrical and electronic technology and analyzes the main problems in the process of promotion. Finally, it explores effective ways to introduce ideological and political education into the teaching of electrical and electronic technology, to provide a reference for the research of integrating ideological and political education into the non-political curriculum.

1. Core connotation of ideological and political education

Curriculum ideological and political thinking is the concept and system innovation of education in the new era. It focuses on "cultivating people by virtue", cultivating people's core socialist values, adhering to moral education first, and being people-oriented. At the same time, the concept of ideological and political education extends the single ideological and political curriculum to all kinds of courses, all courses are education channels. From the perspective of time, "moral cultivation" runs through the whole process of students' learning and growth, and from the perspective of space, "moral cultivation" runs through all aspects of students' comprehensive development, focusing on the construction of an education system of comprehensive cultivation of moral, intellectual, physical, American and labor^[1].

2. The importance of integrating curriculum ideology and politics into a non-political curriculum

Since ancient times, "having both virtue and ability, putting morality first" has been the main mode of talent training. Sima Qian once wrote: "Talent is the capital of virtue; Virtue, talent is handsome." It is enough to reflect the superiority of moral quality education, but at present, under the application-oriented talent training model, teachers tend to focus on the "indoctrinate" education of basic professional knowledge and ignore moral education relatively. If this goes on for a long time, it is not conducive for the students to form a good critical thinking ability, establish the correct three views, and firm their own beliefs. Therefore, The introduction of ideological and political education into the course teaching of electrical and electronic technology can not only guide students to establish the correct three views, but also continuously improve their ideological and moral quality, which is conducive to the cultivation of professional and technical talents with both virtue and ability, and even the craftsmen of great countries.

2.1 Help to enrich the teaching content of the "Electrical and Electronic Technology" course

On the way of ideological and political construction, the combination of ideological and political content with the course content on electrical and electronic technology will form a chemical reaction, and the course content will continue to enrich and make breakthroughs. Speaking the "ideological and political" language well is the key to introducing the ideological and political content into the teaching of electrical and electronic technology courses. Combined with the actual content in the course learning, the learning of ideological and political content will be targeted and pay attention to practical effects; On the other hand, it also broadens the breadth and depth of the teaching of electrical and electronic technology courses and integrate the power of ideology and politics into knowledge teaching, and enables students to have a deeper grasp of professional and technical knowledge and constantly enhance their ability to serve the people.

2.2 Help to improve the moral education guidance level of "electrical and electronic technology"

Starting from the course teaching of electrical and electronic technology, change the teaching idea and strengthen the belief education. Guide students with communism and socialism with Chinese characteristics, build consensus with the Chinese dream and socialist core values, cultivate students' good will quality and professional spirit, strengthen the training of practical ability and professional ethics, and constantly improve the moral education level of electrical and electronic technology courses so that students can have a direction, orientation, and distance in the learning process.

2.3 Help to optimize the teaching orientation of the "Electrical and electronic Technology" course

In practical application-oriented electrician and electronic technology course teaching, more attention is often paid to the training of professional skills on the post, and there is a problem of "light moral education". In this education mode, although students have the professional and technical ability required by the post, they are unable to meet the requirements of the post due to the low level of professional ethics and quality and the lack of correct ideological and political guidance. Because of this practical problem, in the course of introducing ideological and political education into the course teaching of electrical and electronic technology, we should attach importance to the infiltration and integration of the two, speak the language of ideological and political education well, give full

play to the role of guidance and education, and carry out the education of professional ethics silently in the course teaching, to help students establish the correct three views and firm their ideals and beliefs. On the other hand, the course of ideological and political thinking can continuously extend the teaching orientation of the course of electrical and electronic technology. Through the course's ideological and political thinking, students can form certain critical thinking, effectively guide students to explore and think about professional knowledge from multiple perspectives, form a deeper understanding of the course knowledge, and improve the comprehensive learning results. In response to the demand for high-quality talent under the background of socialism with Chinese characteristics in the new era, we will cultivate high-quality talents with responsibility, responsibility, ideals, and innovation that are needed in a new era.

3. Major issues in promoting ideological and political thinking in the course of electrical and electronic technology

3.1 Biased understanding of curriculum ideological and political education concepts

At present, the curriculum of electrical and electronic technology is not completely implemented. The reason is that the teachers do not realize the importance of curriculum ideological and political thinking. The teachers do not understand what is curriculum ideological and political thinking and political curriculum, confuse the two concepts, and lack political acuity. We believe that the course of ideological and political education is the content of the political course, which has nothing to do with the course of electrical and electronic engineering. We focus on the cultivation of professional knowledge and skills, and cannot play the role of "cultivating virtues and cultivating people". It is precise because of these wrong understandings and opinions that the progress of ideological and political education of the course is slow.

3.2 Teachers' guidance plays an insufficient role

Education is based on "educating people", not only to impart knowledge but also to cultivate their moral character. The key to the cultivation of students is the teacher. With the popularization of the Internet, with the emergence of online courses, micro-courses, and other network learning resources, the way students learn is no longer limited to the traditional classroom, and they will no longer passively accept the "indoctrinate" teaching, and the active position of teachers has been shaken. Under the background of the Internet and the emergence of the new concept of curriculum ideology and politics, the traditional teaching model will be phased out gradually, and teachers need to keep learning under this wave and keep up with the pace of The Times^[2].

Teachers need to change their role positioning in the classroom, from "leader" to "guide", avoid lecturing, fully integrate the ideological and political content of the curriculum with the teaching content, at the same time, they also need to absorb the emerging teaching mode and retain the advantages of traditional teaching, combine the traditional and new and create corresponding sparks. The emphasis on ideological and political teaching in the curriculum should be implemented between teachers and students to build a community of growth between teachers and students, and jointly build a new pattern of excellent education.

3.3 The ideological and political elements of the curriculum are isolated

Since it was proposed in 2014, teachers have been thinking about how to carry out ideological and political thinking in the curriculum, but the effect is not very ideal. For example, there are problems with the introduction method, which leads to the ideological and political teaching in the curriculum

becoming an independent knowledge block, the classroom teaching content is divided, and the whole class does not form an organic whole, resulting in the ideological and political teaching in the curriculum becoming a mere formality, and the actual teaching effect cannot reach the expected goal^[3].

3.4 Ideological and political teaching content is solidified, and the degree of matching with curriculum education is not high

The ideological and political content of the course is mainly based on the original teaching content, digging deeply into the ideological and political elements contained therein, and organically combining them with the original knowledge system. At present, the electrical and electronic courses are forced to integrate ideological and political elements into each class, which will cause students to feel that they are still taking a political class rather than a professional course during listening, which is easy to cause students to resist learning, and the learning effect is counterproductive, the learning depth of professional knowledge is not enough, and the goal of "cultivating virtues and cultivating people" has not been achieved. To realize the organic integration of professional knowledge and ideological and political education, teachers need to dig deeply into the ideological and political elements in the teaching content, and naturally integrate them into the content system of professional knowledge.

The ideological and political education in the course is ultimate to be implemented into the value cultivation of students. According to the practical results of ideological and political education in the course of electrical and electronic technology, the effect is not ideal. Many students have been used to the traditional classroom teaching mode, think that ideological and political education has nothing to do with professional knowledge, there is no need to forcibly integrate it, and have no interest in the ideological and political content inserted in the professional course. This also reflects from the side that there are certain problems in the integration of professional knowledge and ideological and political content. As the object of acceptance, if the teaching content can introduce ideological and political elements around students in the teaching process and arouse their emotional resonance, then the acceptance degree of "curriculum ideological and political" will inevitably be greatly improved.

3.5 The assessment and evaluation mechanism is not sound

We should give full play to the "baton" function of the evaluation mechanism, establish an effective evaluation mechanism, and stimulate the enthusiasm, initiative, and innovation of the teachers on the ideological and political thinking of the curriculum. At present, the teaching evaluation system mechanism of teachers' ideological and political ability in the curriculum is not perfect, the quantitative reflection of ideological and political teaching achievements is not obvious, and the correlation between the ideological and political achievements and teachers' annual assessment and professional title assessment is not high, which leads to the teachers' enthusiasm for the construction of ideological and political education in the curriculum gradually weakened, and the progress of the construction of ideological and political education in the curriculum is slow.

4. Implementation path of electrical and electronic technology courses introduced into ideological and political teaching

4.1 Strengthen theoretical study and improve ideological position

4.2 Promote the organic integration of ideological and political knowledge with professional knowledge

The knowledge points that can be built into ideological and political education in the course of electrical and electronic technology are fully excavated, and comprehensively listed and sorted out so that they are evenly distributed in the whole course so that the ideological and political content and professional knowledge content are more reasonably allocated in time and space, and the "cramming" teaching of ideological and political education in the course is avoided. Meanwhile, "curriculum Thought and politics" is also a certain extension of "Ideological and political courses", breaking through the problem of narrow subject coverage of traditional ideological and political courses, broadening and breaking the boundaries between various disciplines, making political education no longer rely solely on "ideological and political courses", and making non-political courses a course that is in line with the new era^[4].

4.3 Build a curriculum ideological and political teaching resource library platform

The construction of ideological and political teaching resources is to establish a good platform for teachers to learn, communicate and share experiences, and help build a good atmosphere for ideological and political teaching. It includes the following aspects:

(1) Deep excavation, construction of electrical and electronic technology network ideological and political database

In-depth and accurate mining of ideological and political materials in the electrical and electronic technology course is the premise and foundation of effective ideological and political education of this course. The content points of ideological and political teaching materials are relatively fragmented, and it takes a lot of time and energy for teachers to sort them out. Therefore, an organized and planned "electrical and electronic technology ideological and political" team can be set up, and relevant achievements can be built into a network resource library. For example, video materials, text materials, audio materials, micro-lessons, and animations are provided with various forms of ideological and political education resources. Besides, WeChat, QQ, and military vocational education platforms are used to build diversified communication channels to stimulate students' enthusiasm for learning and enhance the effect of ideological and political education.

(2) Introduce ideological and political content and optimize the teaching material system

To promote the ideological and political construction of the curriculum, we should first attach importance to the construction of teaching materials. The study of the curriculum is the three stages of pre-class preview, classroom teaching, and after-class review. In the process of pre-class preview and after-class review, the main reference materials used by students are teaching materials, so we should take the construction of teaching materials as the main starting point of ideological and political construction. By learning Marx's dialectical philosophy and craftsman spirit contained in the course of electrical and electronic technology, the students' dialectical thinking ability and the quality spirit of pursuing^[5].

4.4 Optimize the teaching evaluation system

The importance of a teaching evaluation system to teachers is self-evident, and it will directly

affect the teaching methods and teaching attitudes of teachers. To continuously promote the ideological and political construction of the curriculum, it is necessary to optimize the current teaching evaluation system. Specifically, the following methods can be considered: The first is to optimize the final examination questions, integrate the examination questions into ideological and political elements, and incorporate the results into the annual assessment and professional title assessment of teachers based on the assessment conditions, but as "promotion" conditions rather than "bottom line" conditions. The second is to pay more attention to the reflection of ideological and political elements in the competition assessment and teaching competition, taking it as an "incentive", rather than the overall evaluation results are negligible and unnecessary.

5. Conclusion

Through an in-depth understanding of the core connotation of ideological and political education in the course "cultivating morality and cultivating people", and analyzing the importance and urgency of introducing ideological and political education into the teaching of electrical and electronic technology courses, it can be preliminarily concluded that ideological and political education of the course and professional course teaching should be two-way parallel, forming a synergistic effect, constantly improving the spiritual quality of students while consolidating the basic professional knowledge, and striving to integrate knowledge and practice. At the same time, the paper analyzes and thinks about the practical problems existing in the introduction and promotion of ideological and political education in the curriculum, and puts forward effective solutions. It can constantly promote the penetration and integration of ideological and political education in the curriculum with electrical and electronic technology courses from the perspectives of ideology, resource platform construction, evaluation, and assessment mechanism reform, and constantly strengthen the guidance and education of students. To cultivate high-quality talents who meet the core values of socialism with Chinese characteristics for a new era.

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