

# Exploration of Trinity “Course Ideology and Politics” Teaching in Electrical Specialty

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**Abstract**—Since the 18th National Congress of the Communist Party of China, a series of important decision-making arrangements for ideological and political education in colleges and universities are made. In order to further study and implement Xi Jinping's socialist ideology with Chinese characteristics in the new era and the spirit of the 19th National Congress of the Communist Party of China, how to integrate ideological and political elements into professional courses has been explored. The purpose of the work is to strengthen the educational and teaching objectives of trinity of value guidance, knowledge imparting and ability cultivation, and effectively to guide ideological value throughout the whole process and all links of education and teaching, and to realize the educational function of various resources and curricula. The construction of “curriculum ideological and political education” in electrical specialty has been promoted, which is a trinity of ideological and political theory course, comprehensive literacy course and professional education course.

**Keywords**—course ideology and politics; value guidance; knowledge imparting; ability cultivation

## I. INTRODUCTION

The education of ideological and political theory courses in colleges and universities is the main way and important strategy to realize national stability, unity and harmony, which mainly plays an important role in publicizing and disseminating moral education knowledge, national political line, policy, and national position and concept. The curriculum ideological policy means that the knowledge system of all courses reflects the elements of ideological and political moral education. All teaching activities shoulder the function of high moral values establishment and people cultivation, and it is a new exploration in the field of ideological and political education. In the education and teaching of disciplines, ideological and political education is more realistic and penetrating, and value is guided by knowledge transfer. Judging from the fundamental task of high moral values

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establishment and people cultivation in colleges and universities, the function of educating people in each course is only a process of transformation from the reality. It is not a new function of the curriculum. It is a change from the simple ideological education of the past. It covers all majors, disciplines, and curriculum systems, and promotes “students only curriculum” to “full curriculum education”. Since the 18th National Congress of the Communist Party of China, a series of major decision-making arrangements for ideological and political education in colleges and universities[1] has been made. The ideological and political work in colleges and universities has been continuously strengthened and achieved remarkable results.

## II. RESEARCH STATUS

Under the guidance of Xi Jinping, “To run a socialist university with Chinese characteristics, to uphold the high moral values establishment and people cultivation, to deepen the reform and innovation of education, and to integrate the cultivation and practice of socialist core values into the whole process of teaching and educating people”, many universities have the leading group of the “Course Ideological and Political Education” reforming team, led by the Party Committee, to promote the reform of ideological and political education [2,3]. With the main goal of stimulating students' learning motivation, the basic task of “high moral values establishment and people cultivation” is implemented and ideological and political education is integrated into all aspects of curriculum teaching. Significant progress has been made in constructing a whole curriculum education model. However, in terms of ideological understanding and practical operation, colleges and universities still face many challenges in their ideological and political work. For example, some college students' desalination beliefs are diminished, moral choices are biased, and moral behaviors are lacking. There are many reasons for these problems, but the deepest part is that the moral education pattern in colleges and universities is not big enough, resources are not enough, and strength is not strong

enough. In this context, it is even more important to emphasize the role of ideological and political courses as the main position and main channel of moral education. At the same time, let all the classrooms shoulder the function of educating people, so that each teacher can keep a good channel and plant a responsible field. To effectively transform the “Ideological and Political Course” into “Course Ideological and Political Affairs”.

At present, there are more than one thousand undergraduate engineering colleges in China, with nearly 20,000 professional placements, and about one-third of the students in higher education. It is in the special transition period of China's vigorously strengthening the construction of new engineering. The goal is to cultivate more outstanding engineering and technical talents with both ability and political integrity. To this end, colleges and universities have made some explorations in the reform of “curriculum ideological and political affairs”

, forming a representative curriculum, but the normative construction and institutional support in terms of overall design, path and carrier, effect evaluation, etc. are relatively weak, which resulting in insufficient motivation for teaching reform.

### III. THE NECESSITY OF IDEOLOGICAL AND POLITICAL TEACHING

The ideological and political theory course has the practical value of promoting the harmonious development of society and spreads the mainstream culture. Its ultimate goal is to train qualified builders and successors for building a prosperous, democratic, civilized and harmonious socialist country. As far as individual college students are concerned, the ideological and political theory course can make college students recognize the socialist harmonious society in their thoughts, psychology, feelings and actions. This has laid a solid foundation for the training of qualified socialist builders with Chinese characteristics. At the same time, it can fully mobilize the enthusiasm and creativity of college students, thus realizing the individual value of college students and providing a strong spiritual motivation for socialist construction. From a social point of view, ideological and political education is an effective measure to effectively maintain and promote the harmonious development of social politics, economy, culture and ecology [4]. Therefore, the education and teaching reform from the “Ideological and Political Course” to the “Course Ideological and Political Education”, in which all the classes have a “study of politics” and all the teachers have provoked “thinking responsibility”, is the important measures for the current colleges and universities to complete high moral values establishment and people cultivation.

General Secretary Xi Jinping emphasized at the National Conference on Ideological and Political Work in Colleges and Universities that the development and utilization of ideological and political education resources in professional courses is not only a new challenge and new requirement for ideological and political work in the new era, but also a new path for ideological and political work of college students in the new era. The method provides conditions for strengthening

and improving the ideological and political work methods of college students in the new era and improving the ideological and political work of college students. The organic integration of ideological and political education in the teaching of professional courses can not only promote the effectiveness of professional learning, but also help them establish a correct world outlook, outlook on life and values, and strengthen the self-confidence of road, theory and institution for socialism with Chinese characteristics, and deeply fit the institutions of higher requirements for the cultivation of educational talents.

### IV. IDEAS AND METHODS

The research ideas are shown in Figure 1, following the rules of teaching and educating, the law of student growth, the law of ideological and political work, and guided by the “high moral values establishment and people cultivation”, the law of education. The research ideas oriented by the party, based on the electrical engineering professional curriculum, clarify that the curriculum is the mutual mapping from knowledge transfer to capability training to value guidance. And the mutual mapping of knowledge and action in the classroom immersive design is achieved by the mutual mapping of professional teachers' moral consciousness and cultivating ability and the goal of “curriculum thinking”. The research ideas are also the one or two classrooms immersive design from the perspective of the curriculum to professionalism, exploring the integration of ideological and political elements into the professional class, the concept of educating people into the professional, etc. Then the electrical professional whole curriculum education pattern is built, and the electrical professional ideological and political theory course, comprehensive quality courses, and professional education courses “Trinity” “course thinking” construction is promoted.

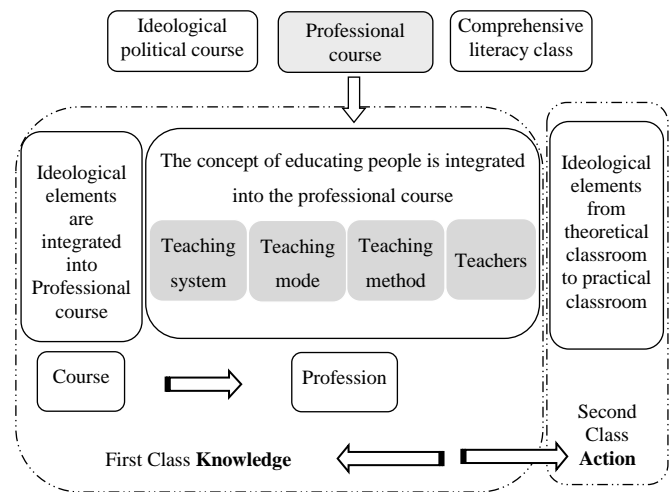


Fig. 1. Research ideas

### V. SPECIFIC MEASURE

A. To adhere to the “high moral values establishment and people cultivation” and “Ideological Element” into the electrical profession

The “Ideological and Political Elements” of the electrical professional course shall be included in the important items of

the teaching plan and the important content of the lectures. The combination of knowledge education with the moral values shall be gradually deepened, realized thoroughly from the concept of the curriculum to the professional concept. In combination, the various courses and the ideological and political theory courses are peered together to form a synergistic effect, and strive to answer the fundamental problem of “high moral values establishment and people cultivation” and build a pattern of whole-course education.

*B. To construct an Innovative “Course Ideological and Political” Teaching Structure System*

- Deeply analyze the students' thoughts, scientifically grasp the conditions, characteristics, influencing factors and the process of formation and development of students' thoughts, analyze the ideological characteristics and select appropriate educational contents and methods according to the actual situation of different students' thoughts. A process teaching system that combines teaching objects, teaching content and teaching methods shall be established.
- The students' thinking of increasingly serious from the perspective of interests to consider the professional performance, ability development, social activities, career choices and other aspects of school life under the social environment of the market economy and the impact of online culture on college students' thinking shall be paid attention to. A knowledge teaching system that keeps pace with the times, change teaching methods in a timely manner according to changes in the social environment, and guide and educate students' thinking in a timely manner shall be built.
- A variety of lively and interesting practical teaching methods in line with the students' thoughts, student life and social reality shall be adopted, and practical teaching systems to improve the appeal of ideological and political courses in colleges and universities shall be innovated.
- From the focus of the course to the profession, the concept of educating people is integrated into the profession, and the overall planning and adjustment of the value of the electrical professional training program lead the goal. The professional curriculum is integrated into the development of the ideological element, so that the three-dimensional goal of knowledge transfer, capability development and value lead in the course can be specified and achieved from top to bottom

*C. To promote the construction of the teaching model of “curriculum thinking and politics”*

The reform of teaching mode is undoubtedly the most important task for the ideological and political education to answer the question of how to realize the fundamental task of “high moral values establishment and people cultivation” in the school. The research will be solidified from the theoretical teaching mode, re-education and lightweight. Especially in the new stage of the development of information technology globalization and network technology, promoting the teaching of “course ideological and political education” should not only

pay attention to the development of the teaching mode of ideological and political theory courses in colleges and universities, but also pay attention to the development trend of the teaching mode of ideological and political theory courses in colleges and universities to avoid the same class and the pattern of one school.

*D. To meet the needs of students, to find the “course ideological and political” teaching methods*

In close connection with the content, purpose and nature of teaching, highlighting the orientation and politics of education, the relationship between teaching system and teaching material system shall scientifically be dealt with, with the principle of close to life, close to reality, close to students. During the real-time professional teaching process, the single, traditional and old education and teaching methods shall be reformed according to the law of physical and mental development of students, the timely changes in students' inner needs, personality characteristics and hobbies, and the easy to understand and diversified teaching methods shall constantly be promoted which is the reality, lively, diverse and popular. The students' emotion and quality of love the motherland, the electrical industry will further be cultivated and strengthened, and the importance of adhering to the core values of socialism in the electrical field will be understood.

*E. To adhere to the party building and lead the leadership, forging teachers*

The party committee of the college grasps the initiative and method of the education and teaching reform of “curriculum ideological and political education”, and takes the “post-responsibility” of teachers party members as the requirement, promotes the reform of the education and teaching of “course ideological and political education”, implements the main responsibility of the branch, and deeply mobilizes the branch secretary. The targeted and exemplary “courses and politics” teaching guidance is carried out from the head of profession to the backbone of teaching, then to professional teachers, which covers different levels of titles at different ages, then a normalized collective lesson system is formed. The element of thinking and politics adjusts the syllabus in the teaching objectives, teaching content, teaching methods, teaching platform, performance manifestation and teaching evaluation, and lectures and open classes are conducted. At the same time, the students are invited to participate in the evaluation and timely understanding of the teaching effect. Which promotes various courses and ideological and political theory courses to peer with each other, forms a synergistic effect, and achieves professional training goals.

*F. To integrate into the classroom and truly realize the “course politics”*

Following the rules of teaching and educating people, the law of student growth, and the law of ideological and political work, it is clear that the curriculum is a mutual mapping from knowledge transfer to capability training to value leadership. It is clear that the mutual mapping of knowledge and action in the classroom immersive design and it's is clear that the mutual mapping between professional teachers' moral

awareness and capability and the goal of “curriculum ideology”, which can truly realize “curriculum thinking”.

## VI. MAJOR ISSUES TO BE SOLVED

### A. *The Dialectical Relationship between the Ideological and Political Courses and the Curriculum Ideological and Political Affairs*

The teaching of the “Ideological and Political Course” shall be based on the background of the socialist system with Chinese characteristics, and the scientific question of “what” and “why” shall be effectively answered, and the question of “who advocates” and “who serves” shall be solved; The elements of patriotism, rule of law, social responsibility, cultural self-confidence and humanistic spirit will be refined and transformed into a concrete and vivid carrier of core values education based on the actual situation and the characteristics of the professional curriculum.

### B. *To break the single thinking*

In the traditional understanding, ideological and political education in the cultivation of talents in higher education is necessary, but it’s separated from professional. The full student education, full-time education and all-round education can be achieved and ideological and political education can be infiltrated only by breaking this kind of thinking and changing this situation.

### C. *To grasp the principle of moderation*

Grasp the principle of appropriateness, insist on infiltrating ideological and political education in the teaching of professional knowledge, adhere to the main position of professional knowledge learning, avoid the “two skins” education. Once the simple ideological and political theory teaching and moral preaching happened in the professional curriculum teaching, it will lead to the disconnection of the same professional learning, the “separate politics” situation. The win-win growth of thought and knowledge can be finally achieved by adhering to the organic unity of knowledge, ideology and rationality.

### D. *The elements of thinking and politics must be accurate*

“Course Ideological and Political” will be “passive water” without the guidance of Marxist theory, and will be “rootless tree” without a philosophy and social science system with Chinese characteristics. The problem of peers in professional courses and ideological and political courses can’t be solved by neglecting the top-level design and overall planning of the curriculum. The construction of “Course Ideological and Political Affairs” mainly breaks through the problem of “integration of ideological and political elements into

professional courses”, and solves the problems that can not only be said but also accurately explained.

### E. *To Promote the construction of “course ideological political affairs” in electrical engineering*

In order to expand the scope of the benefits of “curriculum ideological and political education” and enhance the influence of “curriculum ideological and political education” on students, the electrical major will further integrate resources and increase the construction of “curriculum ideological and political education”, in accordance with the rules of curriculum teaching, to promote “curriculum ideological and political education” Overwrite to the whole process of teaching

## VII. CONCLUSION

The research shall thoroughly implement the spirit of the National Conference on Ideological and Political Work in Colleges and Universities, construct the “curriculum ideological and political” teaching system of electrical specialty, construct the pattern of professional whole-course education, and promote the “curriculum ideological and political” construction of the “trinity” of professional ideological and political theory courses, comprehensive literacy courses and professional education courses.

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