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# The Strategy and Practice of Ideological and Political Integration in Building Electrical Specialized Courses

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**Abstract:** With the further development of higher education, curriculum ideology and politics have become an important direction of teaching reform. This paper aims to explore the integration strategy and practice of curriculum ideology and politics in building electrical courses. Through in-depth analysis of the current teaching status and problems of building electrical courses, specific integration strategies are proposed, and their effectiveness is verified by practical cases. The research shows that through reasonable design and effective implementation, the integration of curriculum ideology and politics can not only improve students' ideological and moral quality, but also promote the development of students' professional skills, and provide strong support for cultivating high-quality applied talents.

**Keywords:** Course ideology and politics; Building electrical; Professional course teaching; Integration strategy; Implementation effect

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As an important part of higher education reform, ideological and political courses aim to cultivate students' ideological and moral qualities, enhance their sense of social responsibility and political consciousness through the teaching of professional courses. As an important discipline in the field of electrical engineering, the integration of ideological and political education into the curriculum of architectural electrical engineering is of great significance for cultivating high-quality talents with both morality and ability. Therefore, this article will explore the integration strategies and practices of ideological and political education in the courses of architectural electrical engineering, in order to provide reference for teaching reform in related fields.

## 1. Theoretical Basis of Course Ideology and Politics

### 1.1 The concept and connotation of ideological and political education in courses

Course ideological and political education refers to the conscious integration of ideological and political education content into professional course teaching, so that professional knowledge education and ideological and political education complement and complement each other. Course ideological and political education is not only an extension of ideological and political theory courses, but also integrates ideological and political education into all courses, achieving a collaborative education model for all staff, the whole process, and all aspects through subtle influence.

### 1.2 The educational objectives of ideological and political education in the curriculum

The educational objectives of ideological and political courses mainly include cultivating students' ideological and moral qualities, enhancing their sense of social responsibility, improving their political consciousness, and guiding them to establish correct values and belief systems.

## **2. Analysis of the Current Situation of Courses in Building Electrical Engineering**

### **2.1 The Teaching Status of Architectural Electrical Engineering Courses**

At present, the teaching of architectural electrical courses mainly focuses on knowledge imparting and skill cultivation, with teaching content concentrated on the explanation of professional terms, methods, principles, and parameters. There are few attempts to integrate ideological and political education into professional courses, and the coverage and depth of ideological and political education in the courses are insufficient. Specifically, in curriculum teaching, the introduction of ideological and political content is often scattered and incidental, lacking systematicity and integrity, resulting in unclear effectiveness of ideological and political education.

### **2.2 Problems in current course teaching**

One is the lack of content in ideological and political education. In the teaching process, the introduction of ideological and political education often lacks systematicity and integrity, resulting in unclear effects of ideological and political education. The second issue is the insufficient emphasis and exploration of ideological and political elements by teachers. The third issue is the imperfect curriculum evaluation system. The current evaluation system for architectural electrical courses mainly focuses on assessing students' professional knowledge and skills, while there is relatively less evaluation of ideological and political education. Fourthly, the ideological and political professional competence of teachers varies greatly. Due to the differences in professional competence and abilities of different teachers in ideological and political education, there are significant differences in the implementation effect of curriculum ideological and political education.<sup>[1]</sup>

### **2.3 The necessity of integrating ideological and political education into the curriculum**

Firstly, the course of ideological and political education can help students organically integrate professional knowledge with ideological and political education, and improve their comprehensive quality level. By integrating ideological and political education content, students can receive guidance on correct ideological concepts and values while learning professional knowledge. Secondly, ideological and political education courses can cultivate students' sense of social responsibility and professional ethics. Finally, ideological and political education in the curriculum can promote the reform and development of architectural electrical courses. By integrating ideological and political education content, the teaching content and methods of professional courses can be enriched, and the teaching quality and effectiveness of the courses can be improved.

## **3. The integration strategy of ideological and political education in architectural electrical courses**

### **3.1 Overall design of integration strategy**

Firstly, it is necessary to clarify the teaching objectives. When setting teaching objectives, full consideration should be given to the needs of ideological and political education, ensuring that teaching objectives are in line with ideological and political education objectives. Secondly, it is necessary to deeply explore ideological and political elements. In the teaching content of professional courses, it is necessary to deeply explore the elements and cases related to ideological and political education, and organically integrate them with professional knowledge. Finally, we need to innovate teaching methods and tools. By adopting various teaching methods and means, we aim to enhance students' interest and participation in learning, and promote the effective implementation of ideological and political education.

### **3.2 Exploration and integration of ideological and political elements**

The excavation and integration of ideological and political elements are key in the courses of architectural electrical engineering. Teachers should consciously integrate socialist core values, professional ethics, social responsibility, and other content into the process of imparting professional knowledge. In addition, students' patriotism and sense of social responsibility can be stimulated through the deeds of historical figures and major engineering cases.<sup>[2]</sup>

### **3.3 Specific implementation methods of integration strategy**

3.3.1 Setting of teaching objectives: Based on the course content and ideological and political education objectives, clear teaching objectives can be set. Specifically, specific learning objectives and evaluation standards can be established to ensure that students can establish correct ideological concepts and professional ethics while learning professional knowledge.

3.3.2 Selection and optimization of teaching content: Select teaching content that is suitable for integrating ideological and political elements, and optimize and design existing textbooks to ensure that ideological and political education content runs through the entire teaching process. By rearranging and optimizing the content of textbooks, professional knowledge and ideological and political content can be integrated to form a complete knowledge system.

3.3.3 Innovation of teaching methods and means: Adopting various teaching methods and means, such as case teaching, project-based teaching, discussion based teaching, etc., to enhance the interactivity and practicality of teaching, improve students' participation and depth of thinking.

## **4. The Implementation Effect and Evaluation of Course Ideology and Politics**

### **4.1 The Influence of Course Ideology and Politics on Students' Ideological and Moral Quality**

The implementation of ideological and political education in the curriculum helps students establish a correct worldview, outlook on life, and values, and improve their ideological and moral qualities. Through specific cases and practical activities, students have gained a deeper understanding and recognition of socialist core values, enhancing their sense of social responsibility and mission.

In the implementation process of ideological and political education in the curriculum, teachers can also guide students to deeply think and discuss social hot issues and professional ethics standards through setting up ideological and political topic discussions and writing ideological and political papers.

### **4.2 The Improvement of Teaching Quality through Course Ideology and Politics**

The implementation of ideological and political education in courses not only improves the teaching quality of professional courses, but also promotes innovation in teaching methods and means. By introducing various teaching modes such as case teaching and project-based teaching, students' learning interest and participation enthusiasm have been significantly improved, and the teaching effect has become more significant.

In addition, the implementation of ideological and political education in the curriculum can promote communication and cooperation among teachers, and jointly explore and share the experience and methods of implementing ideological and political education in the curriculum.

### **4.3 Student feedback and teacher reflection**

Students generally reflect that through the study of ideological and political education in courses, they not only master professional knowledge, but also enhance their ideological and moral qualities and sense of social responsibility. Teachers also found in their reflection that the implementation of ideological and political education in the curriculum requires continuous exploration and innovation, and further strengthening is needed in the exploration and integration of ideological and political content.

### **4.4 The Relationship between Curriculum Ideology and Teacher Professional Literacy**

The effective implementation of ideological and political education in the curriculum relies on the professional competence and teaching ability of teachers. Teachers need to continuously improve their professional competence and ideological education ability when implementing curriculum ideological and political education. By continuously improving the professional competence of teachers, we can better achieve the educational goals of ideological and political education in the curriculum. Teachers can also participate in academic conferences and seminars to learn about the latest educational theories and teaching methods, constantly updating and improving their teaching concepts and methods.

Practice has proven that the curriculum of ideological and political education not only significantly enhances students' ideological and moral qualities and professional skills, but also provides solid support for cultivating high-quality applied talents. To ensure that the various contents of ideological and political education in the curriculum can be organically integrated into professional course teaching, continuous exploration and innovation are needed, and this goal can be achieved through systematic design and effective implementation. Future research should further deepen the theoretical foundation of curriculum ideological and political education, and explore more specific and effective integration strategies and methods. Teachers' professional competence and teaching ability in ideological and political education also need to be continuously improved in order to better achieve the educational goals of curriculum ideological and political education.

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