

Research and Practice on the Ideological and Political System of the Matrix Curriculum of Higher Vocational Majors

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Abstract

The ideological and political construction of curriculum is the key link to achieve the fundamental goal of establishing morality and cultivating people in higher vocational schools, and is an important part of the construction of high-level professional groups in higher vocational schools. To build an integrated curriculum ideological and political system from professional group to curriculum, which includes: model system framework, curriculum ideological and political system connotation, ideological and political theme refinement, mechanism methods, etc. Taking the modern information technology specialty group in higher vocational colleges as the object, the practice of the matrix curriculum ideological and political system was carried out at the practical level.

Keywords

Curriculum Ideological And Political; Vocational School; High-Level Professional Group; System Construction.

1. Research Background of Ideological and Political System of Higher Vocational Courses

In the past five years, curriculum ideological and political research, as a new era subject facing the high-quality development of China's higher education in the new era, has rapidly become a research hotspot in the academic and theoretical circles under the guidance of the socialist education theory system with Chinese characteristics in the new era. With regard to the research direction, the literature statistical analysis found that the current research results are mainly focused on the connotation characteristics, value interpretation, path methods and other aspects of the curriculum ideological and political construction, and the relationship between the curriculum ideological and political construction, moral education, three aspects of education and other related concepts, providing an important theoretical basis for the promotion of the curriculum ideological and political construction.

Some domestic studies pointed out that the systematic curriculum ideological and political system should be constructed through the construction of curriculum ideological and political team, the optimization of training programs and the curriculum teaching reform. [1] Some studies have conducted curriculum ideological and political research through clustering theme evolution and four-dimensional direction theory [2]. On the implementation path of curriculum ideological and political, some studies have proposed the path and mechanism of ideological and political curriculum collaborative education [3]; In the field of higher vocational education, some studies have also described the system construction and pointed out four key points: the top design is the key point, the personnel team is the key point, the ideological and political elements are the core, and the methods and methods are the fundamental. [4]

These studies have pointed out the necessity and ways of ideological and political construction of higher vocational education curriculum from the concept and guidance level, and have not formed a structured and hierarchical theoretical framework, and lack of operational and replicable models, mechanisms and methods of research. Especially in the field of higher

vocational education, the research on the construction of systematic curriculum ideological and political framework from the perspective of professional groups is relatively weak. In view of the above blank points, this topic proposes a research framework from the matrix curriculum ideological and political system, and provides a highly operational and reproducible solution including models, mechanisms and methods.

2. The Necessity of Constructing the Ideological and Political System of Curriculum

The requirements of "six requirements" and "eight unifications" were put forward at the national symposium of ideological and political teachers. The ultimate goal of this series of important instructions is to carry out the fundamental principle of "cultivating morality and cultivating people" throughout the education, take morality and cultivating people as the fundamental standard to measure the effectiveness of all work of the school, and truly cultivate qualified builders and successors for the all-round development of morality, intelligence, physique, beauty and labor for socialism with Chinese characteristics.

3. The Path of Constructing Curriculum Ideological and Political System

3.1. Research content

Study the concept and connotation of the curriculum ideological and political system model of higher vocational professional groups, including the condensation of ideological and political themes and the application of mechanism and methods. In terms of ideological and political theme, research the method and practice of refining ideological and political theme in combination with the background of the times, industrial characteristics and professional characteristics; In terms of mechanism and method, it studies the effective ideological and political integration paths such as the four-classroom ideological and political education mechanism, the curriculum ideological and political base construction mechanism, and the school-enterprise collaborative ideological and political co-education mechanism; In terms of integration and application, research the path and method of "mechanism and method" and "ideological and political theme" crossing into the professional group and reflecting the distinctive professional characteristics. At the practical level, the curriculum ideological and political system is constructed with the modern information technology specialty group of Wenzhou Vocational and Technical College as the object.

Establish a "two-dimensional and four-layer" matrix-type curriculum ideological and political system model of higher vocational professional groups, and integrate the "ideological and political theme" into the "professional group-profession-course-class" four levels through the "mechanism method"; To form a series of mechanisms and methods for the condensation of ideological and political themes and the integration of ideological and political themes into professional groups; To form a replicable and promotable integrated solution for the ideological and political system of professional courses; This model is applied to the modern information technology professional group to form a professional group curriculum ideological and political case with demonstration effect.

3.2. Research steps

The research and implementation of this project will be divided into three steps.

Step 1. Model construction: "two-dimensional and four-layer" matrix-type curriculum ideological and political system model of higher vocational professional group

"Two-dimensional" refers to "ideological and political theme" and "mechanism method", "four-level" refers to "professional group-profession-course-class", and matrix refers to the

relationship between "two-dimensional" and "four-level", that is, "ideological and political theme" is integrated into "professional group-profession-course-class" through "mechanism method". As shown in the figure below:

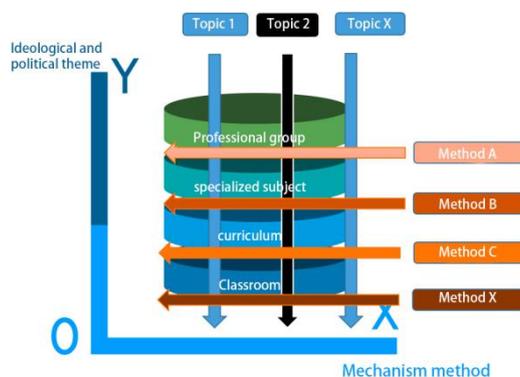


Figure 1 Two-dimensional four-layer matrix curriculum ideological and political system model

Step 2. Path research: enrichment, refinement and application of specific mechanisms and methods in the model

Two problems need to be solved at this stage: 1) How to refine the ideological and political theme?

2) What are the mechanisms and methods? How to operate each one concretely and integrate the ideological and political theme into the corresponding level?

For question 1, there are two ways of thinking. First, according to the characteristics of vocational education, determine the theme from three perspectives: era background, industry characteristics and professional characteristics; Second, from the perspective of professional position, it maps to the theme of ideological and political, and focuses on ideological and political elements.

For question 2, we can adopt a top-down approach. The first step is to study the ideological and political integration mechanism at the professional group and professional level, such as the four-classroom ideological and political education mechanism, the curriculum ideological and political base construction mechanism, the school-enterprise collaborative education mechanism, and the effect evaluation mechanism; The second step is to study the ideological and political integration methods at the curriculum and classroom level, such as thematic ideological and political database, integration tool box, etc.

Step 3. Practical application: build the ideological and political system of modern information technology professional group courses in our university

According to the model, first use the solution of question 1 in step 2 to refine the ideological and political theme and ideological and political elements of the professional group; Secondly, based on the research results of Step 2, Question 2, and the years of practice and implementation experience of the professional group, the ideological and political theme will be layered and integrated to form a curriculum ideological and political system.

To sum up, the research scheme of this project is summarized as follows:

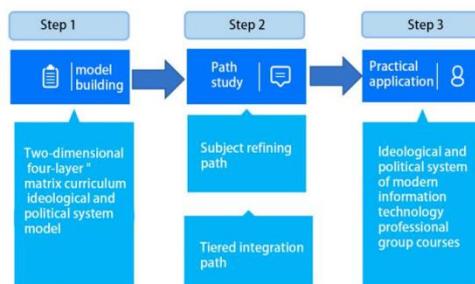


Figure 2 Research Scheme

3.3. Research methods

The research of this project mainly adopts the methods of literature research, investigation research, experience summary and system research.

In the process of concept combing and model framework construction, the literature research method is mainly used. In the stage of enrichment, refinement and application of the specific mechanism and method in Step 2 - Model, the experience summary method is mainly used. In the process of applying the model to construct the ideological and political system of the modern information technology major curriculum of our university, the project team comprehensively applied the investigation and research method and the experience summary method. Starting from the goal of the construction of the professional group of our university, the project team summarized and refined the construction results of the model branch of our university, the integration of ideological and political education in the four classes, the four associations and four promotion of campus collaborative education, the ideological and political teaching research projects at all levels, and the demonstration courses, and applied this model. Finally, a professional group curriculum ideological and political system with clear ideological and political themes and close professional integration is constructed. Finally, through the system research method, the mode, idea, path and method are integrated to form an overall solution.

3.4. Research characteristics

1. Innovation: put forward the "two-dimensional and four-layer" matrix-type curriculum ideological and political system model of higher vocational professional group, which provides a theoretical method for the construction of curriculum ideological and political system of higher vocational education;

2. Integrity: The project not only builds a model, but also forms a theoretical basis; In the research of implementation path, a series of operable mechanisms and methods are summarized; A concrete implementation case is also given; A solution with high operability has been formed.

Adaptability: In the specific application, this model can continuously expand the mechanism and method, and is suitable for multiple levels and different types of professional groups. As shown in Figure 3

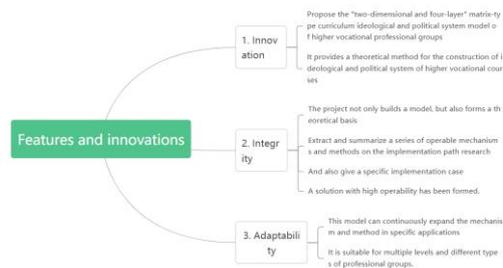


Figure 3 Features and innovation

4. Conclusion

In the field of higher vocational education, high-level professional construction and high-level curriculum system are the foundation of high-level vocational education construction. Curriculum ideological and political education is the fundamental way to integrate the core values of socialism with Chinese characteristics into the talent training system of higher vocational education in the context of the new era. It is an effective way to implement the goal of establishing morality and cultivating people. It is also a fundamental measure to achieve the goal of "three complete education" and promote the construction of high-level schools and high-level majors in vocational education. Under the background of the connotative and high-quality construction of vocational education, an integrated curriculum ideological and political system should be built at the level of professional groups, so that all professional courses and ideological and political courses can go in the same direction, and the explicit education and implicit education can be organically unified, so as to achieve the synergy of "1+1>2", and build the pattern of "three national education congresses" [21]. At the same time, clarify the status and specific requirements of ideological and political education in the curriculum, establish and improve the assessment and evaluation system of the implementation of ideological and political education in professional courses, and increase the number of courses

The support of the construction of Cheng Sizheng will organically integrate the effectiveness of the ideological and political construction of the curriculum with the construction of high-level majors, the construction of high-quality online courses of vocational education, and the "moral establishment" and "cultivation of talents" to promote the comprehensive development of students, and finally complete the training goal of high-level vocational and technical talents.

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