

Research on the Innovation of the Education Mechanism of Curriculum-based Ideological and Political Education in Colleges and Universities

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Abstract

Curriculum-based ideological and political education is a key measure to promote the in-depth integration of ideological and political education and professional education. At present, initial achievements have been made in the education of curriculum-based ideological and political education in colleges and universities, yet there are still many bottlenecks in mechanism design, subject linkage, resource integration, and effect evaluation. Combining the practical experience of curriculum-based ideological and political education in colleges and universities, this paper analyzes the prominent problems existing at present, and explores a collaborative education mechanism with pertinence, operability and innovation, so as to provide theoretical reference and practical reference for colleges and universities to improve the quality and efficiency of curriculum-based ideological and political education and enhance the quality of talent cultivation.

Keywords

Curriculum-based ideological and political education, ideological and political education, professional teaching.

1. Introduction

Establishing morality and cultivating people is the fundamental mission of colleges and universities. As an inevitable requirement for implementing this fundamental task, curriculum-based ideological and political education is an important way to integrate ideological and political education into professional teaching. The two form a pattern of all-round, whole-process and all-staff education through collaborative education, effectively implementing the fundamental task of establishing morality and cultivating people, and cultivating high-quality talents meeting the requirements of the new era.[1]

2. Analysis of the Connotation of Curriculum-based Ideological and Political Education

With establishing morality and cultivating people as the fundamental task, it unifies value guidance, knowledge imparting and ability training, explores the ideological value, patriotism, scientific spirit, professional ethics and humanistic accomplishment contained in each course, and realizes the same direction of knowledge education and ideological education.[2]

In short, curriculum-based ideological and political education integrates ideological and political education into the entire teaching process of all professional and general education courses. It is not an additional ideological and political course, but makes every course

undertake the educational function. Goal alignment: Both Party building and curriculum ideology and politics take fostering virtue through education as the fundamental goal, focusing on cultivating new-era talents with political identity, patriotism, moral cultivation, awareness of the rule of law, and cultural self-confidence.

3. Theoretical Basis of the Education Mechanism of Curriculum-based Ideological and Political Education

3.1. Marxist Theory of All-round Human Development - the Fundamental Value Criterion

Marxism emphasizes that human development is the unity of ideological and moral character, knowledge and ability, and social practice. [3]Curriculum-based ideological and political education focuses on value shaping in professional education, and its essence is to implement the task of establishing morality and cultivating people and promote the all-round development of students, which is the most fundamental theoretical basis for curriculum-based ideological and political education.

3.2. Concept of the Great Ideological and Political Course and Holistic Education - the Basis for Pattern and Path

Ideological and political education is not a single activity but a systematic project, featuring the coordination of subjects (linkage of Party organizations, teachers, counselors and management departments), the integration of contents (fusion of political theories, values and professional spirit), and the connection of fields (integration of classroom teaching, Party building activities and social practice).

3.3. Collaborative Theory of Ideological and Political Education - the Logic of System Integration

The Great Ideological and Political Course stresses breaking away from the single ideological and political course and moving towards all-staff, whole-process and all-round education, integrating ideological and political education into all courses, links and positions. Colleges and universities provide the organizational system and political resources through Party building, and curriculum-based ideological and political education offers the teaching carriers and implementation paths, together forming the pattern of the Great Ideological and Political Course.

3.4. Theory of Organizational Construction and Educational Function - the Basis for Organizational Guarantee

The basic functions of grass-roots organizations include political guidance, ideological guidance, organizational cohesion, serving the people, and cultivating talents. Teachers' Party branches and students' Party branches have an inherent educational responsibility and are important organizational forces to promote curriculum-based ideological and political education.2.5 Theory of Grassroots Party Organization Construction and Educational Function-Organizational Guarantee Basis.

4. Constituent Elements of the Education Mechanism of Curriculum-based Ideological and Political Education

4.1. Core Leading Elements

Party member teachers, Party workers, and Party branch secretaries of teachers who are "double pacesetters" play a vanguard and exemplary leading role. Red cultural resources,

Party building positions and Party building activity carriers provide material and platform resource guarantee for curriculum-based ideological and political education.

4.2. Basic Implementation Elements

All professional and practical courses are explicit or implicit carriers of ideological and political education. Teaching reform is carried out from the perspectives of curriculum objective design, teaching content reconstruction, teaching method innovation and assessment evaluation optimization. Professional teachers' ideological and political accomplishment, value guidance ability and the ability to explore ideological and political elements are the key implementation subjects. Students realize the integration of ideological and political education and professional practice through practical platforms such as professional internships, social practice, innovation and entrepreneurship, and voluntary services.

4.3. Key Guarantee Elements

Institutional mechanisms include education implementation plans, responsibility division systems, joint meeting systems and assessment evaluation systems; resource integration mechanisms realize the sharing of teaching resources, internal and external school resources, and theoretical and practical resources; incentive and restraint mechanisms form positive incentives by incorporating the effects of curriculum-based ideological and political education into assessment, teachers' evaluation and promotion; feedback and improvement mechanisms promote the continuous optimization of collaborative education through teaching effect monitoring, student feedback, peer evaluation and social evaluation.

4.4. Goal-Oriented Elements

It aims to realize the all-round improvement of college students' political identity, ideological morality, professional ability and comprehensive quality. At the same time, teachers' political accomplishment, teaching ability and educational level are improved synchronously, and the university achieves an overall promotion in the direction of running a school, the quality of talent cultivation, and the integration level of Party building and teaching.

5. Design of the Effect Monitoring and Optimization Mechanism of Curriculum-based Ideological and Political Education

The effective implementation of the education mechanism of curriculum-based ideological and political education is inseparable from scientific effect monitoring and dynamic optimization. [4]Constructing a systematic and complete monitoring index system and establishing a normalized dynamic adjustment mechanism can timely find the problems and deficiencies in the education process, continuously optimize education strategies, improve education quality, and promote the in-depth and effective development of collaborative education work with improved quality and efficiency.

5.1. Design of the Education Effect Monitoring Index System

Following the principles of scientific comprehensiveness, highlighted key points, measurability and practicality, the monitoring index system covers three dimensions: student development, teacher improvement and work promotion. Each dimension sets core indicators and auxiliary indicators, forming an all-round and multi-level monitoring system to ensure that the monitoring results truly reflect the effectiveness of collaborative education.

5.1.1. Student Development Dimension (Core Monitoring Dimension)

This dimension focuses on the core impact of collaborative education on students' growth and talent development, and mainly monitors the improvement of students' ideological and moral

accomplishment, professional knowledge and ability, and social practice ability, which is the core criterion for measuring the effectiveness of collaborative education.

(1) Ideological and moral accomplishment indicators

Core indicators include the firmness of ideals and beliefs, patriotism, and moral cultivation; auxiliary indicators include a sense of collective honor, social responsibility, and awareness of professional ethics, which are quantitatively monitored through questionnaires, interviews and behavior records.

(2) Professional knowledge and ability indicators

Core indicators include the excellent rate of professional course scores, the acquisition rate of professional skill certificates, and the number of academic and scientific research achievements (papers, patents, competition awards); auxiliary indicators include the ability to integrate and apply professional knowledge with Party building and ideological and political elements, which are monitored through academic assessment, skill evaluation and achievement review.

(3) Social practice ability indicators

Ideological and political social practice activities, performance evaluation of practical activities, and the transformation of practical achievements; auxiliary indicators include communication and cooperation ability, problem-solving ability and innovative practical ability, which are monitored through the evaluation of practice units, review of activity summaries and mutual evaluation between teachers and students.

5.1.2. Teacher Improvement Dimension

This dimension focuses on the growth of the teaching team in the process of ideological and political education, and monitors the improvement of teachers' teaching ability, Party building work level and curriculum-based ideological and political education construction ability, providing teacher support for the optimization of the collaborative education mechanism.

(1) Teaching ability indicators

Core indicators include the quality of integrating curriculum-based ideological and political education into professional teaching, the integration degree of ideological and political elements with classroom teaching, and teaching reform achievements; auxiliary indicators include the ability to innovate teaching methods, the effect of teacher-student interaction, and the ability to integrate online and offline teaching, which are monitored through teaching supervision evaluation, student evaluation of teaching and teaching achievement review.

(2) Curriculum-based ideological and political education construction quality indicators

Core indicators include the quantity and quality of curriculum-based ideological and political education material development, the perfection of professional curriculum-based ideological and political teaching design, and the participation rate of relevant training on curriculum-based ideological and political education; auxiliary indicators include the ability of teaching reflection on curriculum-based ideological and political education, and the pertinence and effectiveness of ideological and political guidance for students, which are monitored through material review, teaching design evaluation and training record verification.

5.1.3. Work Promotion Dimension

This dimension focuses on the implementation and promotion of the ideological and political education mechanism, and monitors the coordination degree of Party building work and curriculum-based ideological and political education construction, resource integration efficiency and work support, providing process-based basis for mechanism optimization.

(1) Collaborative linkage indicators

Core indicators include the operation efficiency of the internal university collaborative working group, the progress of university-local co-construction and university-enterprise

cooperation projects, and the coordination degree between the university management department and the academic affairs department and secondary colleges; auxiliary indicators include the holding frequency of collaborative work meetings and the perfection of collaborative work records, which are monitored through work record review and multi-party interviews.

(2) Resource integration indicators

Core indicators include the integration and utilization rate of university management resources and curriculum-based ideological and political education resources, resource update frequency and the activity of resource sharing platform use; auxiliary indicators include the investment in resource development and the number of high-quality resources introduced, which are monitored through platform data statistics and resource use record review.

(3) Support capacity indicators

Core indicators include the investment in special funds for ideological and political education, the investment in teacher training funds, and the perfection of the assessment and incentive mechanism; auxiliary indicators include the intensity of policy support, the guarantee of venues and facilities, and the enthusiasm of all parties to participate, which are monitored through fund record review, policy document verification and questionnaires.

5.2. Dynamic Adjustment and Optimization Strategies of the Ideological and Political Education Mechanism

The core purpose of ideological and political education effect monitoring is to promote mechanism optimization. Combined with the monitoring results, the development needs of the times and the actual situation of university running, it is necessary to ensure that the collaborative ideological and political education mechanism always meets the educational needs, adapts to the development of the times, and continuously improves the educational effectiveness.

5.2.1. Establish a Normalized Analysis Mechanism for Monitoring Results

Regularly collect, sort out and analyze the monitoring index data, form a monitoring report, and clarify the advantageous links and weak points in the ideological and political education work. At the same time, comprehensively sort out the root causes of problems combined with the feedback from students, teachers, enterprises and local partners, providing accurate basis for mechanism adjustment.

5.2.2. Precisely Adjust and Optimize the Weak Links

Optimize resource integration strategies, improve the resource sharing list, optimize the functions of online and offline platforms, and strengthen the accurate push of resources; increase the intensity of university-enterprise and university-local cooperation, encourage teachers to explore high-quality materials and enrich resource supply.

5.2.3. Strengthen the Construction of the Teaching Team

Carry out regular and professional training, invite experts to give lectures and excellent teachers to share experience, build a platform for teachers' exchange and discussion, and promote teachers to optimize teaching design and innovate educational forms; improve the assessment and incentive mechanism, link the effectiveness of ideological and political education work with professional title evaluation, performance assessment, and evaluation and selection, stimulate teachers' work enthusiasm, and realize the in-depth integration of ideological and political elements and professional knowledge.

5.2.4. Dynamically Optimize in Combination with the Development Needs of the Times

Based on the new requirements and tasks of the construction of curriculum-based ideological and political education in the new era, combined with the changes in social development, industrial progress and students' ideological characteristics, continuously optimize the monitoring index system and the collaborative education mechanism. Explore new ideological and political elements in industries and enterprises in combination with the development trend of the industry, and optimize the professional curriculum-based ideological and political education material database; innovate educational methods and means in light of the diversified characteristics of students' ideology, and enhance the pertinence and effectiveness of collaborative education. At the same time, pay attention to the national policy orientation, timely adjust the focus of collaborative education work to ensure that it is always consistent with the national education goals.

5.2.5. Strengthen the Tracking and Feedback of Optimization Effectiveness

Carry out continuous tracking and monitoring of the adjusted and optimized collaborative education mechanism, compare the monitoring index data before and after optimization, and evaluate the optimization effectiveness. If the optimization measures fail to achieve the expected results, timely analyze the reasons and further adjust and improve them; if remarkable results are achieved, summarize the experience and practices, form a replicable and promotable model, and promote the continuous improvement of the ideological and political education mechanism.

Establishing morality and cultivating people is the fundamental task of colleges and universities. At present, certain achievements have been made in curriculum-based ideological and political education in colleges and universities. Constructing a scientific, complete and dynamically optimized collaborative education mechanism, together with a supporting effect monitoring system, provides theoretical support and practical guidance for promoting the in-depth development and quality improvement of curriculum-based ideological and political education. In the future, colleges and universities need to base on their own actual situation, constantly explore new ideas and methods of resource integration, continuously optimize the resource integration system, promote the in-depth integration of the construction of curriculum-based ideological and political education, and provide strong support for cultivating socialist builders and successors with all-round development of morality, intelligence, physical fitness, aesthetics and labor education.

6. Conclusion

Establishing morality and cultivating people is the fundamental task of colleges and universities. At present, certain achievements have been made in curriculum-based ideological and political education in colleges and universities. Constructing a scientific, complete and dynamically optimized collaborative education mechanism, together with a supporting effect monitoring system, provides theoretical support and practical guidance for promoting the in-depth development and quality improvement of curriculum-based ideological and political education. In the future, colleges and universities need to base on their own actual situation, constantly explore new ideas and methods of resource integration, continuously optimize the resource integration system, promote the in-depth integration of the construction of curriculum-based ideological and political education, and provide strong support for cultivating socialist builders and successors with all-round development of morality, intelligence, physical fitness, aesthetics and labor education.

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- (2) Research Achievements of the 2025 Scientific Research Project of Liaoning Chinese Vocational Education Society, subject name: Research on the Talent Training Model of "Artificial Intelligence + Applied Type" in Vocational Education, project number: LNSH25061.
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