



Reform and Exploration of Ideological and Political Education in the Course of Engineering Project Management

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Abstract. The ideological and political reform of college curriculum is an inevitable choice to implement the Party's educational policy and the fundamental task of establishing morality and cultivating people. Engineering Project Management is the basic course of civil engineering discipline, with the integration of "engineering technology and management science" as the main line. This paper analyzes the current situation of the ideological and political reform of the curriculum, finds out the shortcomings and explores the reform ideas. Improve the ideological and political teaching method of the curriculum by renewing the educational concept; Optimize the teaching content and promote the construction of teachers' moral education team; Do a good job in curriculum planning and build a professional curriculum ideological and political evaluation system; Strengthen the top-level design, build the collaborative education mechanism of colleges and universities, and imperceptibly promote the pace of ideological and political teaching reform of the course "Project Management".

Keywords: curriculum ideological and political · Project management · reform in education

1 Introduction

"To make good use of the main channel of classroom teaching, ideological and political theory courses should be strengthened in the process of improvement, enhance the affinity and pertinence of ideological and political education, meet the needs and expectations of students' growth and development, and other courses should be well guarded and planted with responsibility fields, so that all kinds of courses and ideological and political theory courses can go hand in hand and form synergy" [1]. In May 2020, the Ministry of Education issued the Guidelines for Ideological and Political Construction of Higher Education Courses, it has made arrangements for colleges and universities to fully implement the reform of "curriculum ideological and political". The ideological and political reform of college curriculum is an inevitable choice to implement the Party's educational policy and the fundamental task of establishing morality and cultivating people. The comprehensive implementation of curriculum ideological and political teaching reform has become the key point for colleges and universities to improve the effectiveness of education.

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Engineering Project Management is the core course of civil engineering specialty, which is an interdisciplinary subject of engineering technology and management science. The goal of the ideological and political teaching reform of the course is to deeply explore the ideological and political elements contained in the course and the ideological and political education functions carried by the course, and integrate Marxism, patriotism, national spirit, military spirit, humanistic care, engineering ethics, innovative ideas, etc. into the course construction. At the present stage, there are some basic problems in ideological and political teaching, such as the separation of ideological and political courses from professional courses, insufficient teaching ability of teachers, and obvious differences in teaching methods. The reform and exploration of ideological and political teaching in the course of “Project Management” will help to further grasp the law of reform and effectively improve the effectiveness of college education.

2 Problems in the Reform of Ideological and Political Teaching

In recent years, under the high attention of the Party and the state, as an emerging thing to implement the fundamental task of establishing morality and cultivating people and comprehensively improve the quality of talent training, curriculum ideological and political education has been developed in the reform of college curriculum teaching, but there are still certain difficulties, mainly reflected in the following aspects.

(1) The concept of curriculum education does not match the teaching method

The concept of curriculum education is the embodiment of the values and principles of a course. In the process of professional curriculum teaching, due to the lack of organic combination of ideological and political education and professional teaching, there will be a mismatch between curriculum education concepts and teaching methods. [2] Engineering Project Management focuses on cultivating students' ability to discover, analyze, research and solve practical problems of complex engineering project management, and is the main position of ideological and political teaching reform. At present, the existing teaching methods only take the teaching of professional knowledge as the primary task, weakening or even ignoring the ideological and political education function of the curriculum itself, so it can not exert the best effect of ideological and political education.

(2) The quality of teachers and their ability to cultivate morality are uneven

College teachers are the direct imparters of knowledge in the process of higher education and bear the important responsibility of cultivating college students' ideological and moral quality. However, at present, the professional qualities of professional full-time teachers in colleges and universities are different, and so is the moral education ability [3]. As the saying goes, “cultivating people by virtue” and “cultivating people without virtue”, we can see that morality is the first and education is the second. While pursuing the improvement of their professional quality and ability, teachers should also lofty their own ideals and beliefs, and have extensive ideological and political knowledge reserves. If not, the teachers who lack the ability of moral education will be more difficult to keep up with the pace of curriculum ideological and political teaching reform, and even fall

behind. The course of Engineering Project Management is an interdisciplinary subject of engineering technology and management science. The teachers who teach the course should not only have excellent professional ability, but also have strong moral education ability.

(3) The ideological and political evaluation system of professional courses is not perfect

With the development of ideological and political reform of college curriculum, the problem of imperfect evaluation system of professional curriculum ideological and political has become increasingly prominent [4]. The current evaluation system of many colleges and universities is only aimed at the scientific research and teaching of teachers, and fails to start from the perspective of professional ethics. There are a series of problems such as incomplete evaluation system and too single evaluation index [5]. The weak evaluation system leads to the curriculum ideological and political only staying on the surface, but can not be implemented. Some teachers even have a walk-through mentality in the teaching process, ignoring the connotation of curriculum ideological and political. The course of Engineering Project Management covers a rich range of teaching contents and knowledge points. The existing course evaluation system only assesses and evaluates the teaching links, teaching contents, teaching methods and other aspects, and lacks the ideological and political evaluation content of the course.

(4) The ideological and political management mechanism of professional courses is not perfect

A perfect management mechanism can effectively feedback and summarize the curriculum and promote the development of the curriculum. University management generally includes teaching, learning and management, which are indispensable and organically combined to promote development [6]. At the present stage, due to the imperfection of curriculum ideological and political management mechanisms such as collaborative education and effective incentive mechanism in colleges and universities, some colleges and universities have delayed in establishing relevant management mechanisms, so that the enthusiasm of teachers in curriculum ideological and political teaching has been exhausted, and curriculum ideological and political teaching has been delayed in deepening the teaching of professional courses. The course of “Engineering Project Management” has rich teaching resources. It pays attention to both the improvement of theoretical literacy and the cultivation of practical ability. If it can be combined with an effective ideological and political management mechanism of the course, the effect of ideological and political coordination of the course will play a better role in educating people.

To sum up, there are still many practical dilemmas to be solved in the reform of ideological and political teaching in the course of Engineering Project Management. We must find a way out of the dilemmas and form a new situation of joint education as soon as possible.

3 Thoughts on the Reform of Ideological and Political Teaching

Curriculum ideological and political education is a vivid practice of the socialist education theory system with Chinese characteristics in the new era. It is an innovation in the concept, practice, system and culture of China's higher education development in the new era. Combining with the current trend of ideological and political development of professional courses in colleges and universities, this paper puts forward the idea of ideological and political teaching reform of the course "Project Management".

- (1) Renew the educational concept and improve the ideological and political teaching methods of the curriculum

The educational concept is never unchangeable, and colleges and universities must consciously change the traditional single teaching concept model, and have a deep understanding of their own responsibilities and mission. It is strongly advocated to put professional knowledge and ideological and political elements into classroom teaching at the same time, and effectively do a good job of teaching and educating people, so as to achieve the organic unity of knowledge teaching and value guidance. Promote the improvement of teaching methods, increase investment in network platforms, smart classrooms, etc., create a variety of teaching modes, create a smart learning environment, and optimize the ideological and political teaching platform of courses.

- (2) Optimize teaching content and promote the construction of teachers' moral education team

The key to the ideological and political teaching reform of the engineering project management course is to establish a team of teachers who have advanced educational ideas and can transform them into teaching behaviors [7]. College teachers should not only continuously improve their professional knowledge, but also fully discuss and deeply explore the ideological and political elements contained in the professional curriculum, refine the teaching objectives, optimize the teaching content, and focus on strengthening the connotation and orientation of ideological and political education while taking into account the theoretical, academic, practical and cutting-edge nature of the curriculum teaching content.

- (3) Do a good job in curriculum planning and build a professional curriculum ideological and political evaluation system

Establish and improve the professional teaching evaluation system guided by the socialist core values. Both ideological and political standards and professional standards should be "hard". The assessment objectives of professional courses should include both professional and moral education, and include students' daily behaviors (whether they are late, whether they complete homework as required, whether they care about team work, whether they respect teachers, etc.) into the assessment scope. Centering on the course teaching activities, the correct political direction, conscientious implementation of the Party's and the country's educational policies, and the quality level of students'

comprehensive and healthy development are taken as the basic criteria for teaching evaluation.

- (4) Strengthen top-level design and build a collaborative education mechanism in colleges and universities

The institutional arrangement is the core driving force of the ideological and political construction of the curriculum, and also the top-level design for colleges and universities to implement the fundamental task of establishing morality and cultivating people [8]. In order to ensure the implementation of “curriculum ideological and political education” from the source, when preparing the talent training plan, we should refine the relevant content of the moral education elements of the professional curriculum according to the characteristics of the specialty itself, implement the teaching concept of “building morality and cultivating people” into the professional talent training plan, promote the construction of the “great ideological and political” education teaching system, and improve the professional curriculum ideological and political management mechanism.

The course of Project Management emphasizes to guide students to pay attention to social, economic, environmental and other non-technical factors in project management, cultivate students’ professional ethics awareness and moral judgment ability, and strengthen their sense of social responsibility [9]. When formulating the curriculum talent training plan, we should refine the moral education elements related to the project management based on the characteristics of the civil engineering specialty, and implement the teaching concept of “building morality and cultivating people” in the professional talent training plan, so as to promote the construction of the professional curriculum ideological and political management mechanism. Introduce new teaching modes such as mobile classroom, case teaching, heuristic teaching, situational teaching, participatory teaching, etc., integrate the ideological and political aspects of the course into the teaching of professional teaching knowledge, guide students to link the learning process of the course with the ideological and political elements of the course, so as to achieve the goal of enhancing students’ sense of social responsibility, improving political thinking, and cultivating people cooperatively [10].

4 Conclusions

Curriculum ideological and political education, as a new concept and new measure to implement the fundamental task of establishing morality and cultivating people in colleges and universities, as an important step and key link to promote the in-depth development of “three complete education”, must face some of its existing problems, and carry out reform and exploration from the aspects of education concept, teacher quality, evaluation system, management mechanism, etc., in order to achieve the goal of vigorously and effectively promoting the pace of curriculum ideological and political education reform in colleges and universities. As a traditional and important professional course, the reform and exploration of the ideological and political teaching of the course “Engineering Project Management” has certain reference significance for the ideological and political reform of other courses of civil engineering specialty.

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