

Problems and Countermeasures of Ideological and Political Reform of Civil Engineering Courses

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ABSTRACT

The progress and development of society facilitate the reform of higher educational system. The curriculum ideology mode of curriculum is more in line with the cultivation mode of talent quality in today's society. Teachers have a great effect on the improvement of students' cultural level, strengthening ideological education and forming values. Starting from the civil engineering specialty, this paper discusses the relationship between civil engineering and ideological and political courses, improves the attention of teachers, puts forward the problems existing in the curriculum ideology reform of civil engineering specialty, and puts forward some measures and measures.

Keywords: *Civil Engineering, Civil Engineering and Curriculum Ideology, All-round education.*

1. FOREWORD

In 2016, general secretary Jinping Xi pointed out at the National University Ideological and Political Work Conference: "we must make full use of the main channel of classroom teaching. We must continue to improve the ideological and political theory course, enhance the affinity and pertinence of curriculum ideology education, meet the needs of students' growth and development".^[1] The school plays a significant role in moral education in the society, and it is an important base for students to grow up.

2. THE CONNOTATION OF COURSE IDEOLOGY AND POLITICS

In the past, curriculum ideology was always regarded as the task of ideological and political courses and the teachers of these courses. Many students regard the learning of such courses as a compulsory course and passively complete the task, so the influence of curriculum ideology education is not obvious. The unification of teaching content is completely out of touch with the personalized needs of various courses. Curriculum ideology and education of all kinds of courses have almost no intersection and integration. In addition, the unity of Ideological and political curriculum content, obliterate the new era of students' ideological diversity, dynamic understanding of the characteristics of

curriculum ideology reform is imperative.^[2] Curriculum ideology is an inevitable requirement for the development of the new era and an important exploration of the reform of curriculum ideology mode in the new era.

In 2014, the Shanghai Government and Municipal Party Committee advance the curriculum of curriculum ideology. In order to respond to this call, many colleges and universities require all courses to carry out curriculum ideology, and require full implementation.^[3] Therefore, the logic of curriculum ideology is as follows: first, to build a high-quality and reasonable curriculum system with professional courses and general education courses as the carrier; second, to understand the core meaning of subject thinking with curriculum education as the core goal; third, to achieve the purpose of Ideological and Political.^[4] Education with practical activities as the main way. From the perspective of "curriculum ideology education", teachers should strengthen their belief in lifelong teaching in order to explore the core factors of curriculum ideology and constantly think about the methods and Strategies of subject education, teachers need to make full use of their conscious initiative.

3. THE IMPORTANCE AND DEVELOPMENT OF IDEOLOGICAL AND POLITICAL EDUCATION

The essence of curriculum ideology is moral

education, the idea is cooperation education, the structure is multi-dimensional, the method is the combination of dominant and recessive, and the thinking is scientific innovation. ^[5] The objectives of curriculum ideology include:

(1) Through the organic incorporation of professional knowledge points and cases of Ideological and political knowledge points, strengthen students' firm belief and deeply implant patriotism into students' hearts. Ideological and moral education should be strengthened, students' cultural quality, legal awareness. ^[2] To enable students to become a new generation, shouldering responsibilities and missions.

(2) Through the implementation of practical teaching, cultivate students to abide by professional ethics, form good professional quality and enhance comprehensive quality. Guide students to establish the overall situation consciousness, carry forward the spirit of teamwork and collectivism. ^[6] We should cultivate the students' spirit of struggle, carry forward the spirit of labor, made in China and craftsmanship among the students, and make the students become the socialist builders and successors who support the leadership of the Communist Party of my country, support the socialist system of our country and are determined to fight for socialism with Chinese characteristics for life.

In 2014, Shanghai Municipal Committee of education and political affairs took the lead in proposing this course and achieved remarkable results. Through the search of "Ideological and political course" and "civil engineering" as the subject words, as of March 25, 2021, a total of 115 papers have been received, all of which were published after October 20, 2017 (data from CNKI). The research on the teaching theory of civil engineering and ideological and political course shows an increasing trend, but the research on the practical teaching of "Ideological and political course" and "civil engineering" is relatively lagging behind. From a large number of literature, most of the research papers stay in the macro perspective of the ideological and political reform of civil engineering course, while the micro perspective of teaching is relatively less.

4. EXISTING PROBLEMS

4.1. Teachers Pay Less Attention

In the course of curriculum ideology, some teachers are lagging behind and do not realize the importance of curriculum ideology. They think that students' curriculum ideology mainly depends on the ideological and political curriculum. However, it is enough for professional teachers to be responsible for classroom teaching. Such thinking leads them to pay attention to their own professional development, but ignore the study of Ideological and political theory. When the ideological and political theory of curriculum is put forward, many

teachers are at a loss and at a loss, so it is difficult to carry out the ideological and political application of curriculum.

4.2. Single Tutorial Writing

In the current course, the main purpose is to transfer scientific and cultural knowledge to students, so the use of cases is relatively lacking, and the only case theme is to transfer knowledge to students. When compiling the course content, the integration of Ideological and political content into teaching materials is extremely lacking, so the effect of only relying on teachers to orally integrate ideological and political elements in the teaching process is not obvious; moreover, at present, the vast majority of cases are still in use. Some colleges and universities have used the same batch of teaching materials for many years, but they have not kept pace with the times in the teaching materials. They lack of keeping pace with the times, ignore the excavation of Ideological and political elements, and lack the integration of Ideological and political elements cases and teaching knowledge.

4.3. The Construction of Practical Ability Training is not Perfect

In addition, from the literature on the knowledge network on curriculum politics, the literature research is more theoretical and empirical research is less. These papers show that in the field of civil engineering, the field of curriculum ideological and political has been studied, but in the practical teaching of teaching reform, it is difficult to conduct the ideological and political teaching of curriculum systematically.

5. POSSIBLE COUNTERMEASURES

As one of the basic disciplines, civil engineering affects the indispensable material needs of human production and life. The future development of civil engineering depends on the construction of a new generation of young students. The future jobs of civil engineering professionals are vital to the safety of the people. Therefore, the implementation of curriculum ideology and politics is very important in the field of civil engineering, so the following suggestions are made for the above problems.

5.1. Change Some Teachers' Educational Ideas

Mr. Xingzhi Tao once said: "Real education is a heart-to-heart activity. Only from the heart can you reach the depths of the heart." Professional teachers can only truly attach importance to education in their minds and take educating people as their own responsibility. Students' mental state and physical and mental development are the prerequisites. Only by improving the syllabus and top-level design of teaching content can the persuasiveness and influence of teaching be enhanced; paying attention to students, respecting students' personality development

and spiritual pursuits, targeting different students, in the teaching process Ideological guidance, guidance of Marxist theories and values, and laying a theoretical foundation for students' growth, so as to truly realize curriculum ideology and politics.^[7]

5.2. Combined with the Current Political Hot Update Tutorial

Combining the professional knowledge points in the course with relevant cases, the patriotism spirit will be deeply embedded in the hearts of students, and the education of Ideological and moral character will be strengthened. For example: In the outbreak in 2020, due to the rapid transmission rate and more infected patients, more hospitals are needed to accommodate patients. Because of the time constraints and heavy tasks, it is not easy to build leishenshan hospitals in a short time. Under the operation of Chinese designers, steel box type houses are used for assembly In China, novel coronavirus pneumonia can be put into operation in only ten days. This capability can fully demonstrate the speed of China, make a significant contribution to the control of the new crown pneumonia epidemic in China, and illustrate the rapid development of civil engineering nowadays. In this teaching process, we should integrate the idea of curriculum ideology, strengthen the sense of national responsibility and social responsibility of students, and guide students at the same time.

5.3. Improve the Practice Training Mechanism

In the field of civil engineering, the implementation of practical teaching is very important for the cultivation of students' professional ethics and the formation of their professional quality in the future. While enhancing their comprehensive quality, we should guide students to establish the overall situation awareness. Because the collective spirit and team cooperation are very important to the future work, We should integrate curriculum ideology into practical teaching to guide students to develop the overall situation awareness and carry forward the overall situation The spirit of collective teamwork and the spirit of labor, great power craftsmen and Chinese craftsmen should be carried forward for the students, so that the new generation of young students can become the leaders who support China's socialist system and the Communist Party of China, and aspire to become the builders and successors of socialism with Chinese characteristics who will struggle all their lives for all-round development.

6. CONCLUSION

In order to make all kinds of courses and ideological and political theory courses go in the same direction and form a synergistic effect, curriculum ideological and political education is imperative; in the situation of curriculum ideological and political education, teachers

become the key person to carry out curriculum ideological and political education by virtue of superior resources, and Curriculum ideological and political education depends on teachers, which needs teachers to implement, that is, to guide students to go in the same direction with all kinds of courses and ideological and political theory courses, and make clear The connotation and background of the ideological and political curriculum, mining the core elements of the curriculum.^[8] The perfect integration of Ideological and political theory and civil engineering professional course needs a certain period of practice. Exploring the practical teaching of civil engineering and ideological and political course is not only a theoretical academic problem, but also a practical problem. From the perspective of ideological and political courses, we should deeply explore the relationship between civil engineering professional knowledge and ideological and political courses, do a good job in ideological and political teaching, and achieve the silent teaching effect.

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