# Ideological and Political Construction and Practice of"Data Structure" Course

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**Abstract:** With the continuous improvement of the educational level in our country, all circles of the society pay great attention to the educational work in our country's universities, the Education Department requires that every university should actively use"Course ideology and politics" to realize the teaching goal of moral education, and in the teaching process of every university in our country, the most suitable course to use course ideology and politics is data structure, some experiments show that the combination of the explicit education and the implicit education can be effectively realized by adding the construction and practice of the course ideology and politics in the teaching process of"Data structure". Based on this, this article on the"Data structure" curriculum ideological and political construction and practice analysis, hope to provide positive help to related research.

**Keywords:** University Education Work; "The Curriculum Thought Politics"; Educates the person by the moral; The Data Structure Curriculum

## 1. First, the background and importance of the idea of"Curriculum ideology and politics"

At the educational conference, our country once put forward the request that we should not rely solely on ideological and political education for students in the educational stage, and encourage college teachers to keep in mind the idea of ideological and political education in the curriculum, making full use of the convenience brought by the new era to the educational cause, taking on the responsibilities of the educators in the new era, and digging deeply into the elements in life, study and society that are worth learning for students, in the course of re-class education, we should not only pay attention to the mastery of students, but also pay attention to the realization of the educational goal of"Moral education" in the process of higher education. First of all, the concept of"Political thought in curriculum" is to transfer the traditional method of teacher education to the all-round method of education, that is, any element in the process of life and study can be fully utilized and students can be educated in different ways, in the process of the reform of the old teaching method, university leaders should actively encourage all teachers to participate in it and base themselves on the teaching objectives of different subjects in universities, in the process of actual study and life, we are constantly looking for the elements of education that can help students to develop in an all-round way, and by this way, we can construct the high-quality ideological and political education system in our country's universities. Secondly, the concept of"Political thought in Curriculum" requires the teaching staff of each discipline to take the teaching goal as the starting point, and not only attaches importance to the introduction and teaching of the students' professional knowledge, the concept of"Ideological and Political Education of Curriculum" fully integrates the content of"Curriculum" and"Ideological and political", which is more conducive to the healthy development of college students, and helps students establish the concept of"Building morality and cultivating people", it is also very important to improve the comprehensive ability of college students [1] .

## 2. Research on the strategy of ideological and political construction and practice of"Data structure" course in colleges and universities

### 2.1 In view of"The curriculum thought Politics" launches the system curriculum design and the construction

First of all, we must determine the"Course ideological and political" teaching objectives and methods. In the teaching process of data structure course, by using advanced moral education idea and scientific thinking mode to guide students to study professional

knowledge and at the same time to dig deeply into relevant fields, we can effectively avoid students from learning too superficial Marxist theory and ideological and political ideology. Secondly, the data structure curriculum should be screened at different levels in the process of education. The central embodiment of "Curriculum thinking and politics" is the concept of all-round "Big thinking and politics", but it can not be carried out blindly and comprehensively in the process of practice. According to the characteristics of college students, we should select the teaching staff of Professional Foundation and data structure course, set up experimental subjects in the relatively mature data structure course system, and then move forward step by step. It can also make the orientation of data structure course more clear in the minds of college students to avoid the phenomenon of quantity neglecting quality and the inefficiency of "Course thinking and politics". At the same time, we should analyze the different problems that students in different colleges and universities encounter in the course of professional study, and adopt different educational methods to promote students' enthusiasm for the study of Data Structure Course, at the same time, to seek the corresponding solutions to the problems, to promote students to grasp the degree of ideological and political data structure course, teachers can design and innovate the teaching methods of the Data Structure Course for college students, and the corresponding problem feedback in the teaching outline, so as to achieve the efficiency of teaching, in-depth promotion of the course ideological and political education in the role of university personnel training [2].

## 2.2 Perfect the data structure curriculum ideological and political team building

We should pay attention to improve the college teachers' educational determination to carry out "Course ideology and politics". If teachers do not make up their minds to carry out ideological and political education in the teaching of data courses in colleges and universities, or if they feel that the policies of ideological and political education are of no importance to the improvement of the development level of college students, there is no practical help, it will seriously affect the development of curriculum ideological and political, but also lose the significance of the development of curriculum ideological and political policy. Therefore, we should pay attention to enhance the teachers' educational determination to carry out "The curriculum thought politics", the key is to make the teachers clearly realize the importance of "The curriculum thought politics", by analyzing the actual demand of college students for the data course, we can carry out the ideological and political teaching so as to make the students realize the influence of ideological and political education on their all-round development, and then make the most of its role [3].

## 2.3 Give full play to the role of university teachers in the ideological and political teaching system of data structure course

College teachers not only shoulder the teaching task of data structure in college, but also have a very important influence on the improvement of students' professional ability, teachers should deeply analyze the different needs of students in different colleges and universities in the process of learning, the changes of the locus of psychological activities, what common characteristics of growth and what different value orientations there are, and integrate these realistic elements into the teaching content, to assimilate it with the concept of "Ideology and politics" can not only strengthen students' professional knowledge and skills, but also trigger students' resonance of knowledge, emotion and value. At the same time, in the process of teaching effect evaluation, teachers should step by step, take the core professional courses as the foundation stone to promote students' development, strengthen the communication and exchange of Teachers' team and share teaching experience in the process of practice, and then gradually find the appropriate way of education.

## Conclusion:

To sum up, in the face of the continuous improvement of education level, the idea of "Course ideological and Political Education" is integrated into the teaching process of data structure in our country's major universities, no matter from the perspective of improving the comprehensive ability of university students, it is of great significance and value to the overall development of data structure teaching in colleges and universities. Therefore, as a data structure teacher, we should keep up with the pace of the development of education, change the traditional concept of data structure classroom teaching, the advanced educational concept of the present era provides convenience for the university education, which is integrated into the data structure classroom teaching process in the university, we should actively use the educational concept of "Course ideology and politics" to guide the students to better develop the study of data structure, and then train more high-quality all-round talents for the social construction of our country.

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