

# Ideological and Political Research of Network Technology Courses Based on OBE Concept

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**Abstract:** Curriculum ideology and politics is the main means to implement the principle of morality and cultivation in teaching. It can not only effectively help students establish a correct outlook on life and values, but also practice socialist core values on campus. The setting of network technology majors can provide professional and technical staff for the development of information technology, which plays a vital role in the development of society. For curriculum ideological and political teaching in such majors, teachers can use the OBE concept to carry out in-depth analysis of the relationship between curriculum ideological and political and education and teaching, and then provide help for the promotion of network technology curriculum ideological and political work, and promote curriculum ideological and political Better play its own educational function. Based on this, this paper starts from the OBE concept and explores the way of thinking and politics in network technology courses, aiming to provide reference for the research of relevant personnel in the future.

**Keywords:** OBE concept; Network technology; Curriculum Ideological and Political

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## Introduction

As a teaching method that can effectively implement the moral education work in colleges and universities in the new era, curriculum ideology and politics play an important role in the development of talent training in colleges and universities. In the process of integrating ideological and political teaching in the teaching of network technology majors, teachers are required to comprehensively design the teaching content and teaching methods. It is necessary to ensure that the ideological and political penetration of the curriculum will be carried out imperceptibly, and to ensure that students can learn knowledge at the same time, Grasp the essence of ideological and political education in the curriculum. The OBE concept is a people-oriented teaching concept. The application of this concept by college teachers in teaching can improve the integration effect of curriculum ideology and politics in teaching, better play the role of curriculum ideology and politics in educating people, and strengthen network technology professionals. The ideological consciousness of the students and the moral quality of the students.

## 1. Overview of OBE Teaching Theory

OBE concept is the abbreviation of Outcomes-based Education education concept. It is a result-oriented education and teaching concept. It was first proposed in the Western basic education reform and was recognized in the Washington Agreement. It was applied to engineering education certification<sup>[1]</sup>. At present, the concept of OBE has been actively promoted and recognized in the educational reform and curriculum optimization of various specialties in various universities in our country. The OBE concept is “student-oriented”. In the process of actual application, it is more inclined to pay attention to students’ abilities, taking abilities as teaching guidance, focusing on what abilities students can acquire and what they can do after learning this kind of knowledge. In short, it is to predict the results of knowledge learning<sup>[2]</sup>. The OBE concept includes “student center”, “output orientation” and “continuous improvement”. It is a discipline construction concept. According to the final results that students can obtain in actual learning, the

curriculum system, teaching objectives and evaluation system are optimized and Adjustments to improve students' actual learning efficiency and teachers' teaching effectiveness.

This kind of backward compatibility teaching method requires teachers to carry out educational conjectures and presuppositions with students as the main body in teaching [3]. For example, during the setting of teaching objectives, it is necessary to anticipate in advance: what results can students achieve?; during the setting of teaching needs, it is necessary to guess in advance: why do students obtain learning results?; during the setting up of the teaching process, it is necessary to anticipate in advance: how to help students achieve this learning result?; during the setting of teaching evaluation, it is necessary to anticipate in advance: how do you know that students have achieved such results?; during the optimization of teaching methods, it is necessary to anticipate in advance: how to ensure that students can really obtain the results? The application of OBE concept in teaching optimization and teaching reform requires teachers to clarify educational objectives according to needs, implement and integrate output-oriented teaching, make reasonable teaching evaluation for students, and continuously improve teaching methods according to changes in students' learning needs, so as to improve teaching quality.

## **2. Ideological and Political Research on Network Technology Courses Based on OBE Concept**

### **2.1 Design of Ideological and Political Objectives for Network Technology Courses**

According to the OBE concept, in the actual teaching process, the primary task of integrating the ideological and political courses in the teaching of network technology majors should be how to formulate the teaching objectives and the ideological and political teaching objectives of the specific courses of network technology majors [4]. The ideological and political goals of the network technology professional courses should be in line with the personality of each major in the actual formulation process, and the characteristics, thinking methods and values of each major should be integrated, so as to be based on the specific professional values, personality and subject characteristics, Formulate goals with professional characteristics to ensure the tightness of curriculum ideology and politics and curriculum teaching, so that curriculum ideology and politics can truly influence people subtly.

At the same time, in the process of setting the ideological and political goals of specific courses, it is necessary to ensure that the specific goals and the teaching content, teaching methods, teaching entry points and teaching evaluation of the courses have a certain degree of integration, which in turn supports the ideological and political implementation of the network technology professional courses. In place, the export and explanation of the course content can naturally enhance students' ideological cognition.

### **2.2 Design of Ideological and Political Teaching Content for Network Technology Courses**

According to the OBE concept, after the overall curriculum ideological and political teaching objectives are formulated, the ideological and political content of the curriculum should be constructed according to the network technology majors to ensure that the teaching objectives can be effectively realized . The "Guiding Outline for the Construction of Ideological and Political Courses in Colleges and Universities" clearly points out the focus of the construction of the overall content of the ideological and political courses. Therefore, in the process of constructing the teaching content of the ideological and political courses in colleges and universities, the ideological and political content of the courses should be constructed based on this. In the process of actual education, ideological education can be carried out systematically, and then the requirements of Lide Shuren. At this time, the design of the ideological and political content of network technology courses should be guided by the connotation of the "Guiding Outline for the Construction of Ideological and Political Courses in Colleges and Universities," and determine the results that can be achieved by the ideological and political goals of network technology courses. Which chapter is the ideological and political teaching integrated, how to integrate the ideological and political content, and what kind of ideological and political carrier is the form.

### **2.3 Teaching Organization Design of Network Technology Courses**

According to the OBE concept, teachers can also integrate online and offline teaching methods in the network technology professional curriculum after setting the teaching goals and teaching content of ideological and political courses, so that ideological and political elements can be closely integrated with knowledge points. Integration, and then improve the integration of curriculum ideological and political and teaching plans, so that the ideological and political content of the curriculum can be integrated in teaching preparation, teaching materials, teaching methods, etc, and under the careful study of teachers, a professional teaching organization plan is formed . At this time, teachers should pay attention to the teaching design of network technology professional

courses, and truly achieve the goal of “moistening things silently” in the teaching of curriculum ideology and politics. Therefore, teachers should pay attention to the effectiveness and rationality of ideological and political integration, and on the basis of students as the main body, flexibly and scientifically pass on ideological and political elements to students, so that they can be sublimated in knowledge learning.

## **2.4 Curriculum Assessment of Integrating Literacy Indicators into Network Technology Courses**

According to the OBE concept, in the process of carrying out curriculum ideology and politics, network technology courses should change the traditional teaching mode, the proportion of examinations is too large, and the teacher’s teaching mode is relatively single. The overall examination should be integrated into the actual teaching process. Form periodic and phased examinations, and in the assessment, pay attention to the investigation of students’ innovation ability and teamwork ability. At the same time, in the assessment, we should also use diversified teaching methods such as homework thinking report and usual classroom participation to conduct comprehensive evaluation, so as to conduct an overall evaluation of students’ knowledge, ability, and literacy.

## **Concluding remarks**

All in all, the integration of curriculum ideology and politics in college education and teaching plays a key role. It can not only effectively strengthen students’ ideology, but also enable them to establish a correct outlook on life, values and career. As the core course of computer major, network technology courses should pay attention to students’ own moral quality and professional quality in the actual teaching process, and the application of OBE concept for professional optimization and curriculum reform can effectively optimize the training methods of technical professionals on the network. In the student-centered thinking consciousness, teachers should strengthen the integration effect of curriculum ideology and politics, and promote students to learn specifically, can be influenced by the concept of ideological and political education in the curriculum, comprehensive development.

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