

# The Core Meaning and Practical Requirements of the Precise Teaching of Ideological and Political Theory Course

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**Abstract:** *In the face of the rapid application of information technology in the ideological and political theory teaching demand, the growing demand of precision, young students' high quality teaching expectations, should apply the accurate concept in ideological and political teaching activities, give full play to the important advantages of information technology in ideological and political teaching. In the face of new requirements, new challenges, education course teaching to adhere to the teachers' dominance and students' subjectivity unifies, with accurate for the concept, to measure student, by building accurate mining, accurate decision, accurate teaching feedback in the integration of dynamic and efficient accurate teaching mode, improve the precision of education course teaching, improve the pertinence and effectiveness of teaching.*

**Keywords:** *Ideological and political theory class, Accurate thinking, Precision teaching*

## 1. Introduction

In April 2018, the Ministry of Education issued the Action Plan for Education Informatization 2.0 (hereinafter referred to as the Action Plan), which systematically outlined the future development of education informatization, and also marked the advent of the era of intelligent education. The integrated development of information technology and ideological and political teaching is directly related to the implementation of the Action Plan, the reform and innovation of ideological and political teaching, and directly affects the pertinacity and effectiveness of ideological and political teaching. It is of great practical significance to know how teachers use ideological and political courses to help ideological and political courses in precision teaching, meet the needs of young students' expectations for high-quality teaching, and effectively improve the teaching quality of ideological and political courses.

### **1.1. Technology empowerment trend: accurately play the advantages to meet the teaching needs**

The application of information technology in the field of education has triggered changes from technology to concept, from application-driven to key ability education, lifelong education, precision education and other auxiliary support. The practical development of information technology in the field of education is developing in the direction of initiative, innovation and integration. The ever-changing network environment endows contemporary young students with distinct characteristics of cognitive behavior and learning and life of The Times. Information technology not only has a great impact on young students' study and life, but also promotes the reform and development of education. At present, the network environment is complex and students' cognition is diversified. Ideological and political courses are regarded as the fundamental courses to implement the fundamental task of moral education. Facing the new situation and new challenges, it is necessary to adopt more flexible and accurate teaching strategies and methods to carry out precision teaching to improve the pertinancy and effectiveness of teaching.

### **1.2. Curriculum practice requirements: The traditional ideological and political course teaching mode is difficult to meet the growing demand for precision teaching**

The network environment provides rich information resources and convenient information access channels for young students to learn and grow. As a new generation of young students are "Internet aborigines", network information technology has constructed a new environment for their growth and

life. Young students are in the critical period of learning growth, and the network environment makes students cognitive mode more single, customized information push constitutes the "digital cage", the influence of the cognitive growth of young students, diversification, fragmentation of network environment also brought them more confusion and confusion, they are eager to get more accurate questions in education teaching and value guidance, thus have higher expectations for classroom learning. Ideological and political course teaching should accurately pay close attention to students' development demands and respond to them, answer targeted questions, and improve the pertinacity and precision of teaching.

### ***1.3. Main body development needs: young students expect high quality teaching and the need to improve information technology literacy***

Rich and diversified network resources provide a broad learning space for young students. Students can learn independently in cyberspace according to their needs to meet their personalized needs. Information technology, mainly characterized by digitalization, networking and intelligence, brings more flexible and diversified presentation methods to the ideological and political course teaching, making the teaching more efficient, convenient, and more targeted. It is very important for teachers to actively respond to the opportunities and challenges brought by information technology and use information technology to boost the precise teaching of ideological and political courses. It is crucial for teachers to have basic information literacy on the basis of professional knowledge advantages. Of course, in the actual teaching, there will also be individual teachers who rely too much on information technology and make the ideological and political course teaching deviate from the educational goal of value guidance. At the same time, if the ideological and political course teachers do not have excellent theoretical foundation and personal charm, they will make the ideological and political course teachers become a place for various forms of technical display. "Judging from the integration of existing information technology and ideological and political courses, it is obvious that information technology does not reveal its perfect value connotation. In the ideological and political course classes, from time to time, we can see the excessive use of information technology to make the classroom teaching put the cart before the horse." [1] Some teachers think that ideological and political course is a beautiful PPT, eye-catching speech, this idea will directly affect the realization of ideological and political course teaching goals; some teachers can not keep pace with The Times, reject the use of information technology in the ideological and political course teaching process. We should realize that the use of information technology in classroom teaching and high quality teaching, and the teaching effect. In the process of education modernization, it is clear that ideological and political teaching and information technology should develop in the direction of innovation integration. At present, there is still a gap between ideological and political teachers in their good use of information technology. This means that there is still a large room for improvement in ideological and political course teaching, and teachers need to act actively.

## **2. The core essence of ideological and political course precision teaching**

To cope with the practical challenges of the current ideological and political course teaching, it is urgent to explore a new mode of ideological and political course precision teaching and improve the quality of ideological and political course teaching. The "precision" in teaching activities focuses on goals, data analysis, intervention and solution as the essence. " Precision teaching supported by information technology is a personalized teaching method aimed at achieving efficient burden reduction with the help of information technology, which belongs to the teaching practice guided by humanism." [2] education courses precision teaching, need to adhere to the teachers 'dominance and students' subjectivity unifies, precision for the idea, using big data, artificial intelligence, teaching information technology, data mining and analysis, by accurately recording teaching object learning behavior data, understand the education object in the process of learning, to its learning style and mastery, targeted for accurate analysis, intervention and feedback, realize accurate focus between teachers and students, promote the innovation and development of education courses teaching.

### ***2.1. Adhere to the unity of teachers 'dominance and students' subjectivity***

Ideological and political course teaching should adhere to the unity of teachers 'dominance and students' subjectivity. The development of precision teaching makes the application of information technology in ideological and political course teaching into a new stage. Ideological and political course

teaching activities should adhere to the student-centered, pay attention to the characteristics of students' individual physical and mental development, ideological confusion, teaching expectations and other attention. At the same time, we should also see that with the development and change of The Times, students' expectations for teaching and self-development will also change. Precision teaching should adhere to the student-centered approach, analyze the specific problems and interests that students face in learning, and solve the students' expectations of personalized learning accordingly. Ideological and political teachers should take the initiative to study students' learning status, accept difficulties and learning demands, and make targeted teaching decisions. Focusing on the teaching objectives of ideological and political courses, students' data collection, learning situation analysis and auxiliary testing and judgment should be conducted, so as to realize accurate analysis, accurate decision-making and accurate feedback on the basis of fully mastering students' learning data. In the process of ideological and political course teaching, teachers should adhere to the unity of knowledge transmission and value guidance, clarify the goal of education, improve information literacy, and give full play to the advantages of information technology in ideological and political course teaching. To carry out precise teaching in ideological and political teachers, they should grasp the quasi-teaching direction, grasp students' learning status and ideological dynamics, and guide students around teaching goals step by step. Under the requirements of precise teaching, teaching activities will no longer stay at simple knowledge imparting and answering questions, but to find out the specific problems encountered by students in learning from the source, and accurately achieve the goal of education. At the same time, through data analysis, it can provide data support for teachers to make precise decisions, and constantly adjust and optimize the teaching behavior.

### ***2.2. Take precision as the idea***

Accurate thinking requires that "in a comprehensive grasp of the objective reality, in-depth and detailed analysis of the objective reality, so as to put forward targeted solutions to the problem, to ensure the actual solution of the problem." [3] In the teaching of ideological and political courses, in the face of students' high expectations for teaching quality, the use of accurate ideas in teaching activities, strengthen the empowerment of information technology teaching, is the key to improve the quality and efficiency of ideological and political courses teaching. The dual challenges of the development trend of information technology and the development requirements of teaching innovation have created great development space and possibility for ideological and political course teaching. Teachers need to innovate their teaching thinking and ideas, analyze and make decisions on students' learning process, and implement precise teaching. At present, the Internet is full of all kinds of information, which is purposefully pushed in the form of business logic, which has an impact on young students' cognition to different degrees. Young students are easy to be bound by the targeted push information, and they are in urgent need of personalized teaching guidance. Ideological and political course teachers should use the concept of precision, deeply dig into the learning situation data, accurately analyze students' learning needs, choose targeted teaching strategies, and effectively solve the supply contradiction between students' learning needs and teaching expectations. At the same time, the concept of precision requires teachers to focus on the development of The Times and the individual needs of students, conduct accurate mining, accurate analysis, accurate decision-making and accurate feedback, pay attention to students' experience, provide students with appropriate teaching content, and improve students' ability of independent learning and personalized learning.

### ***2.3. To measure students***

The rapid development and extensive application of digital intelligence technology provides technical support for ideological and political precision teaching, all kinds of teaching software, database resources and teaching platform provide favorable conditions for students' personalized learning, through the network platform to explore and answer learning problems and puzzles, provides technical support for ideological and political precision teaching. "The core mechanism of precision teaching is to measure and auxiliary learning, obtain data on students' learning performance through measurement, and improve teaching strategies." [4] conducts precision teaching, and the availability of data is crucial. Precision teaching is an important form of innovation and integration of information technology in ideological and political course teaching, and it is a concrete embodiment of information technology helping to realize the teaching of students in accordance with their aptitude. The effectiveness of precision teaching needs to be supported by data. The application of big data and artificial intelligence technology enables the common chemical information data of students to be predicted, and can be obtained more comprehensively obtained. In terms of data analysis, it is necessary to improve the platform, software

and other resources of teaching data collection, to meet the needs of ideological and political course teaching and students' personalized development, and to form an intelligent and accurate teaching service platform. Through big data and artificial intelligence technology to study the learning, life and communication trajectory of young students, and to analyze the learning needs of students, to study students' learning expectations and demands, to accurately analyze the existing weak links, and to provide targeted guidance and services. In terms of teaching and guidance, closely related to the personalized needs of students, targeted mining of learning situation data, and strive to achieve accurate focus on students' learning needs. In terms of information feedback, a database of teachers' teaching and students' learning is established, so that teachers can flexibly implement and adjust their teaching objectives and teaching strategies to improve the teaching matching degree.

### **3. The practice of precise teaching of ideological and political courses**

The "precision" in ideological and political course teaching not only requires accurate mining, accurate practice and accurate decision-making in the teaching process, but also requires the accurate feedback and optimization of teaching results. It is a concept that strives for accurate teaching data, process and results. Precision teaching includes accurate mining, accurate decision-making and accurate feedback, forming a dynamic and efficient teaching mode, whose ultimate goal is to achieve accurate education.

#### ***3.1. Through accurate mining, the intelligent classroom teaching mode is constructed***

Precise mining is the premise of developing precise teaching activities. Accurate teaching activities need the application of information technology in the "digital portrait", teaching objectives and requirements, teachers' teaching needs and students' learning data, students' learning demands for accurate analysis, constantly summarize the education teaching law, students' cognitive development law and information technology applied to the teaching law, build wisdom classroom teaching mode. This includes the following aspects: First, accurate analysis of the application of information technology in students' "digital portrait". Digital portrait technology restricts the application scenarios and practical effect of teachers to carry out precise teaching, and greatly affects the personalized and accurate teaching practice. Through the application of digital portrait technology in teaching, with the help of information technology to improve teaching behavior, support teachers' decision-making, improve the quality of teaching. We should continue to explore the development and application of big data, artificial intelligence and other information technologies to promote the application of information technology in classroom teaching. The second is the accurate analysis of the students' "digital portrait". Different stages of development, different knowledge based students' learning needs, the current teaching data capture mainly through electronic devices, including mobile devices, laptops and embedded equipment system, etc., education teachers should combine students' personality characteristics, interests, behavior and learning data, form learning portrait, according to provide targeted teaching guidance. Third, the accurate analysis of the teaching portrait of ideological and political course teachers. Collect the personal teaching behavior data such as the teaching experience and teaching style of ideological and political course teachers, and establish the teacher teaching information database. Combined with the monitoring data of teaching performance over the years, the correlation between teachers' teaching behavior data is analyzed, the connection between teaching behavior and teaching effect is found out, the law of teachers' growth is mined, and constantly improve teachers' education and teaching ability.

#### ***3.2. Through precise decision-making, to build a precise teaching operation system***

Precise decision-making is the key to carry out precise teaching activities. On the basis of the analysis of students' learning intention and personality characteristics, targeted intervention is provided to solve students' learning difficulties according to the specific problems and weak links existing in students' learning. By accurately positioning the teaching objectives of ideological and political courses, the teaching objectives are decomposed into small knowledge points, and each point is broken, to ensure the implementation of the precise teaching requirements. First, focus on the teaching objectives for precise positioning. Teaching objectives directly affect teachers' teaching decisions and teaching effects, and can use recursive ideas to be used to write teaching objectives, "by transforming a complex overall goal layer by layer into a small goal associated with the overall goal." [5] Second, to take precise intervention for students' learning problems. As one of the important characteristics of precision teaching, problem solving directly determines the teaching effect of precision teaching to a certain extent. By using big data,

artificial intelligence and other information technologies to monitor, record and analyze them, teachers can accurately grasp the problems encountered by students in the learning process, and understand the students' needs and interest points. At the same time, the structured teaching files are further formed to help teachers to improve the intervention efficiency. Through precise intervention, students can be helped to master the knowledge points solidly, so that teachers can have more time and energy to do more creative and valuable teaching work. Third, to assist teachers in accurate decision-making. Under the restriction of teachers' data literacy, technical environment, teachers' decision-making ability and accurate decision-making mechanism, data-driven teachers' teaching decision-making has a certain reference. To realize precise teaching requires teachers to carry out professional judgment and respond more flexibly and effectively with rich teaching experience. Teachers can rely on teaching information files to prepare lessons, give full play to teachers' personal teaching characteristics, and carry out targeted teaching guidance. Through the analysis and judgment of the complex and changeable classroom teaching situation, the problems in the teaching process are found in time and targeted intervention is conducted.

### ***3.3. Through the accurate feedback, to form a dynamic and efficient teaching mode***

Precise teaching feedback is a mechanism by which teaching management department and teachers and students check, feedback and adjust teaching data through the teaching link through the teaching platform. Specifically, the teaching evaluation can be optimized and improved from the following aspects: First, to develop an intelligent teaching platform for ideological and political courses. Break down the barriers of teaching data resources, and form an intelligent teaching platform that integrates students' learning situation data, the teaching material content for students' learning, and teachers' teaching data. The intelligent teaching platform takes precise focus as the core and aims at solving students' specific learning problems, providing students with intelligent, accurate and personalized learning experience before, during and after class. Second, establish a learning situation analysis information feedback mechanism. Teachers make teaching plans according to the teaching objectives, carry out teaching activities combined with the learning situation data, and the intelligent teaching platform updates the learning situation database in time. In addition, teachers feedback the learning situation data of teaching activities to the intelligent teaching platform, so that the platform can improve the learning situation data, timely adjust the teaching strategies, and achieve accurate focus. Third, the construction of teaching data and information feedback mechanism. Accurately check education and teaching activities, encourage teachers to conduct data feedback of education and teaching activities based on learning situation data, teaching process and teaching effect, improve the data and information feedback process of ideological and political courses, and apply it to teaching practice in a timely and flexible manner. From the feedback of the teaching effect research, analyze the weak links in the teaching activities, timely adjust the teaching objectives and teaching strategies, constantly enrich the teaching information and data of ideological and political courses, and more scientifically and accurately guide the follow-up teaching activities to develop in the direction of accurate.

## **4. Conclusion**

We will promote the deep integration of the traditional advantages of ideological and political work with information technology, so that the Internet, the biggest variable, becomes the biggest increase in career development. Ideological and political theory course of ideological and political theory course aims to be a teaching mode of optimizing the teaching process of ideological and political course, giving full play to the advantages of information technology in the utilization of teaching resources, teaching process implementation and teaching evaluation, and ensuring accurate teaching data, accurate process and accurate feedback. The implementation of precision teaching is the requirement of The Times to improve the teaching quality of ideological and political courses, which embodies the innovative practice of ideological and political educators and highlights the upright innovation of ideological and political courses teaching. This paper focuses on precision, analyzes the core meaning of ideological and political teaching, analyzes the new challenges and problems facing the current implementation of ideological and political teaching, clarifies the practical path of precision thinking in ideological and political teaching, in order to improve the pertinences and effectiveness of ideological and political teaching.

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