

# A "Closed-Loop Control" Teaching Quality Monitoring System for Accounting Majors

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**Abstract:** In the cultivation of talents in universities, in order to ensure the efficiency and scientificity of talent cultivation, the construction of an accounting professional teaching quality monitoring system based on "closed-loop control" is an effective path for universities to enhance their market core competitiveness and development power under the new curriculum reform. Under the new round of basic curriculum reform, the "Accounting Professional Teaching Quality Monitoring System Based on Closed Loop Control", as an integrated education system established from multiple dimensions, is of great significance for improving the quality and efficiency of current talent cultivation through rational application in university talent cultivation. In view of this, this article mainly systematically analyzes the significance of constructing a "Accounting Professional Teaching Quality Monitoring System" based on "closed-loop control", and conducts in-depth discussions on the current construction status and optimization path, in order to meet the national sustainable development demand for high-quality technical composite talents.

**Keywords:** "Closed-loop Control"; Accounting Professional Teaching Quality Monitoring System; Integrating Meaning; Integrating into the Current Situation; Optimize the Path

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## Introduction

Accounting talents bear important social responsibilities in the construction and development of social economy. In the current process of rapid economic development, it is urgent to establish a closed-loop control based teaching quality monitoring system for accounting majors in the curriculum reform to ensure the effective cultivation of accounting professionals. Closed loop control "is a modern educational and teaching model that enhances teachers' professional literacy and ensures students' comprehensive development under the reform of the quality education system. The standardized implementation of" closed loop control "in accounting course teaching is of great significance for improving the overall teaching status of current universities and is also an important guarantee for promoting the sustainable development of educational institutions.

## 1. Analysis of the significance of constructing a teaching quality monitoring system for accounting majors based on closed-loop control

### 1.1 It is conducive to comprehensively improving students' professional literacy

In the process of implementing the traditional talent cultivation model in the college, the focus is often on cultivating students' "professional abilities". Students' unclear and unclear job responsibilities and requirements not only reduce their professional literacy but also hinder the comprehensive improvement of their comprehensive abilities. Under the new round of basic curriculum reform, the construction of an accounting professional teaching quality monitoring system based on "closed-loop control" can mobilize students' subjective initiative while guiding them to clearly grasp and understand the future job requirements and standards, thereby comprehensively improving their professional and practical abilities while continuously strengthening their professional literacy.

### 1.2 Beneficial for efficiently cultivating students' craftsmanship awareness

As an excellent professional ethics, ability, and quality, "closed-loop control" ensures the efficient cultivation of craftsmanship

awareness and spirit among college students, which is the top priority of curriculum reform. Due to the neglect of closed-loop control in the traditional talent cultivation process by university educators, it not only reduces their confidence in achieving their career dreams, but also hinders their scientific career planning. Over time, it has had a very adverse impact on their overall development. If "closed-loop control" is integrated into the "accounting professional teaching quality monitoring system" in the teaching reform of universities, ensuring the standardized implementation of all staff, process, and all-round education work, it can enhance students' professional identity while guiding them to deeply learn professional knowledge, thereby continuously enhancing their own craftsmanship awareness.

## **2. Current situation of the construction of teaching quality monitoring system for accounting majors in accounting course teaching**

### **2.1 Teachers' incomplete understanding of "closed-loop control"**

In the teaching of accounting courses, the implementation of the "closed-loop control" model has played an important role in comprehensively improving students' professional literacy and abilities, and is a modern teaching method to improve the current education and teaching situation. However, in the specific implementation process, due to teachers' incomplete understanding of "closed-loop control" and overly specific setting of teaching objectives, they mistakenly believe that "closed-loop control" in accounting professional courses only changes the form of education and teaching, neglecting the optimization and adjustment of teaching concepts. This not only leads to the formalization of education and teaching work, but also affects the comprehensive development of students.

### **2.2 The form of "closed-loop control" for educators is too single**

With the rapid development of the economy, the demand for accounting professionals in society is also constantly increasing. The promotion of the "closed-loop control" model has also achieved certain results in recent years. However, overall, there is always a certain gap between the practical benefits of this model and the expected practical goals. The reason for this situation is that during the implementation of accounting teaching work, The "closed-loop control" model of some educators is too single, and in the long run, students' learning enthusiasm is constantly reduced. At the same time, the cultivation of comprehensive abilities and comprehensive literacy is inevitably affected, making it difficult to effectively cultivate accounting professionals with both moral and talent.

## **3. Analysis of the effective countermeasures for building a teaching quality monitoring system for accounting majors based on closed loop control**

### **3.1 Building a professional teaching staff and improving the professional literacy of teachers in closed-loop control**

In closed-loop control, college students are the main body of course teaching, but the channels for students to acquire course knowledge are teaching activities organized by "teachers". Therefore, in the process of promoting the "closed-loop control" model, in order to ensure the achievement of the goal of "closed-loop control effectiveness", building a professional teaching team and continuously improving the professional literacy of teachers in closed-loop control is an important strategic foundation for the current accounting course teaching reform. At present, due to the rapid development of the social economy and the continuous increase in demand for accounting professionals, in order to optimize the current situation of education and teaching, on the one hand, educational institutions need to fundamentally improve the selection standards for teachers, and engage teachers with profound theoretical knowledge, rich teaching experience, and certain computer operation abilities to carry out "precision" teaching reform in the accounting profession, Ensure that educators can scientifically interpret the collected relevant data, in order to provide precise interventions for students and improve the problems in the course teaching process, ultimately laying a solid foundation for achieving the "effectiveness goal"; On the other hand, educational institutions also need to strengthen professional training for educators, that is, by regularly or irregularly providing them with precise teaching business training and specialized computer operation skills training, continuously improving their computer operation ability on the basis of improving the comprehensive understanding of "closed-loop control" among educators, in order to ensure the standardization of data analysis work in the later stage.

### **3.2 Improve the accounting process for closed-loop control objectives and continuously enrich the curriculum education and teaching content**

In the promotion process of the "closed-loop control mode", the rationalization of teaching objectives and the richness of course teaching content have a significant impact on the achievement of the "effectiveness of closed-loop control objectives". At present, in order to improve the current status of education and teaching, improve the accounting process of closed-loop control objectives, and continuously enrich the content of course education and teaching, it is also an important channel for accounting educators to reform course teaching. From the above analysis, it can be seen that teaching content and objectives are important factors that affect the effectiveness of closed-loop control. Different objectives and contents have varying impacts on the effectiveness of closed-loop control. To ensure the achievement of expected measurable and accurate teaching objectives, on the one hand, educators need to reset the objectives of closed-loop control. Specifically, teachers need to base their knowledge points, skills points, and accounting processes, Reconstruct the teaching content system; On the other hand, educators need to continuously enrich the teaching content of accounting courses. Specifically, by adding financial management work content and combining relevant standards, systems, conceptual formulas, etc. in accounting course teaching, while continuously expanding students' knowledge, accounting work processes can be rewritten based on practical training materials and supporting teaching resources for knowledge and skills points, To ensure the effective formation of the "continuous improvement adaptive mode" while ensuring the maximum utilization of teaching resources.

### **3.3 Deepen education and teaching reform, coordinate and promote the integration of closed-loop control into the entire process of education**

Due to the individual differences among college students, the implementation of the Three Comprehensive Education Model is more effective and universal for students with weaker foundations. Therefore, in order to improve the overall effectiveness of precise teaching in accounting courses, in the promotion process of the "Accounting Professional Teaching Quality Monitoring System Based on Closed Loop Control" model, educators need to group students based on their actual situation and precise evaluation results, And based on the differences between different groups, set different goals for the "Three Comprehensive Education" and promote the "Three Comprehensive Education" model that conforms to students' cognitive laws, in order to ensure the effectiveness of hierarchical teaching in the "Three Comprehensive Education".

## **4. Conclusion**

In summary, in the process of talent cultivation in universities, the implementation of traditional training models not only affects the effectiveness and professionalism of talent cultivation, but also hinders the achievement of sustainable development goals for enterprises. At present, in the new market economy normal of enterprise scale construction, in order to meet the needs of enterprises for high-quality composite talents, an accounting professional teaching quality monitoring system is constructed based on "closed-loop control", It is the top priority of curriculum and teaching reform for educators.

## **References**

[1] Peng H, Zhu Z. Generative design of precision teaching activities for smart learning [J]. Research on Electronic Education 2016; 37 (8): 53-62.

[2] Zhu Z, Peng H. Efficient knowledge teaching supported by information technology: stimulating the vitality of precision teaching [J]. China Electronic Education 2016;(1): 18-25.

Fund Project: This paper is the research achievement of the "Research on Undergraduate Teaching Quality Monitoring System Based on Closed Loop Control" planned by the Provincial Department of Education, project number: GJC1319035.