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## **Educational Administration Management System and Modern Education Management on the Perspective of Modern Information Technology**

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**Abstract:** Basis of our universities in absorbing and referring to the domestic and foreign advanced teaching management mode, effectively combined with the actual development situation of our university and actively explore the related educational administration management mode which is suitable for the development of the current large-scale educational management system, many colleges and universities which have their own characteristics, from the point of view of modern information technology a modern education management perspective, these information systems are still exist certain defects, also need education administrators of the educational administration management system of current for further revision and improvement. This study mainly discusses the modern education management system and educational management quality control measures and other content.

**Key words:** Modern Information technology, teaching management system, modern education management

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### **INTRODUCTION**

With the development of modern science and technology and information technology, in the process of social development in the future, whether it is political and economic status of countries and the people in the world are largely depends on the national information development process. As the core of a country through science and education, the information construction and the development of education degree is more important, the current process of teaching management of high education, the educational administration management develops gradually become the core of the work, standardized management and science, have important influence will automation and information management method the overall development of the school. Many domestic and foreign universities especially in some more developed countries in education, in a very long period of time devoted to the research on educational management processes and patterns and have made the corresponding research results. Basis of our universities in absorbing and referring to the domestic and foreign advanced teaching management mode, effectively combined with the actual development situation of our university and actively explore the related educational administration management mode for the development of its own. At present, many universities in large-scale educational management system has its own characteristics, from the point of view of the modern information technology level of modern education management perspective, these information systems are still exist certain defects, also need education

administrators of the educational administration management system of current for further revision and improvement. The academic teaching school management is mainly based on talent development as the target, the training object is students, training is largely the result of qualified graduates. The teaching goal is gradually realized through the organic combination of teaching affairs management and the entire teaching process. The culture of talent including grades, course selection, arranging, teaching programs, one's status as a student, student enrollment and other sectors, as well as systems management, course management, teaching materials management, teaching and research auxiliary link. This requires educators to manage and organize teaching resources reasonable in accordance with the related management methods, procedures and rules, making the entire teaching process to the normal and orderly teaching resources can be fully utilized, efficient and progressive realization of high-quality personnel training objectives, This requires educators in accordance with the related management methods, procedures and rules reasonable management and organization of teaching resources, making the entire teaching process normal and orderly and teaching resources can be fully utilized, efficient and progressive realization of high-quality personnel training objectives. Using network communication technology and computer assisted instruction and school education and management, has gradually become the school education informatization construction and development goals. The major colleges and universities to actively develop their own academic

teaching management system, these systems are the use of network resources as well as the advanced development of computer technology to the progressive realization of the teaching program, scores, one's status as a student, student, course selection, arranging management, a network of academic work, information technology and automation. With the gradual expansion of the major efficient running scale and diversification trends and school credit system implementation in the school level, making the teaching management becomes more complex, the school also will be onerous administrative tasks, establish school teaching the Senate information management system to continuously push forward the modernization of teaching management has a very important significance. At present, the school teaching management system used by the roughly divided into three versions, respectively is the affirmative educational management system developed by Tsinghua University computer and information management center of UEAS university educational administration management system, Hangzhou affirmative Engineering Electronics Company developed as well as the development of Hunan software company KINGOSOFT educational network management system. There are many similarities and the similarity of the same place in the three systems, there are also features of their own. In addition to the use of some of the educational administration management system more widely, the major colleges and universities are actively according to the actual situation of their own development and actively develop and explore suitable educational management system of our school. The educational administration management system can truly meet the needs of information technology and modern education management theory, has an important significance for the development of education and teaching (Chung *et al.*, 2013).

The research content: Through analyzing the modern education management and its system, then discuss the problems encountered in the education and management control and researched coping strategies.

### **MODERN EDUCATION MANAGEMENT SYSTEM OVERVIEW**

Education management system is divided into two types of the credit system and the academic year which the credit system is used to measure the teaching process for degree requirements contribute to an important management method. Academic year system is carried out in accordance with the curriculum and the progress of the semester or school year are scheduled teaching, with the continuous development of the educational reform, the

credit system gradually became modern education management. Education management system is divided into two types of the credit system and the academic year, which the credit system is used to measure the teaching process for degree requirements contribute to an important management method. Academic year system is carried out in accordance with the curriculum and the progress of the semester or school year are scheduled teaching, with the continuous development of the educational reform, the credit system gradually became modern education management (Zhou and Shao, 2012).

**Credit system concept:** The historical development of the credit system is relatively long, was first proposed by Harvard University elective system officially became a popular system at Harvard University, the credit system from 1872 until the early 20th century, Credit system gradually began to be popular among the college of some developed countries such as Japan, France and the United Kingdom and gradually began to be widely implemented. China to implement the credit system before and after the May Fourth Movement, thinker and educator Cai Yuanpei in any university president during the school year, made the first changed to the credit system, after many of our colleges and universities began to have the credit system in four climax. In the period from 1952-1978, China experienced the first nationwide credit system climax, the second wave of the credit system development began in 1983, the third of the Credit System implemented in 1985-1986 climax, fourth climax the development of the credit system in the 90s of the last century. As to the continuous development of people-centered educational philosophy, in the 1990s, many universities have begun to establish their educational management system of the Credit System.

The credit system of educational administration to become one of the important part of the development. The credit system teaching management model mainly includes three parts of the whole security system, the credit system management as well as the Credit System Status Management, Credit Administration Credit System in which the starting point and the basis of management system of teaching management Credit System important core part of the guarantee system is an important guarantee for the success of teaching management, enrollment management is the classification of students of professional courses, professional requirements of credits, course credits and students to learn the life of the identification and calculation. Procedures and principles of the teaching management process including elective courses, course hours and credits, course free to listen to and exemptions, course achievements recorded in the

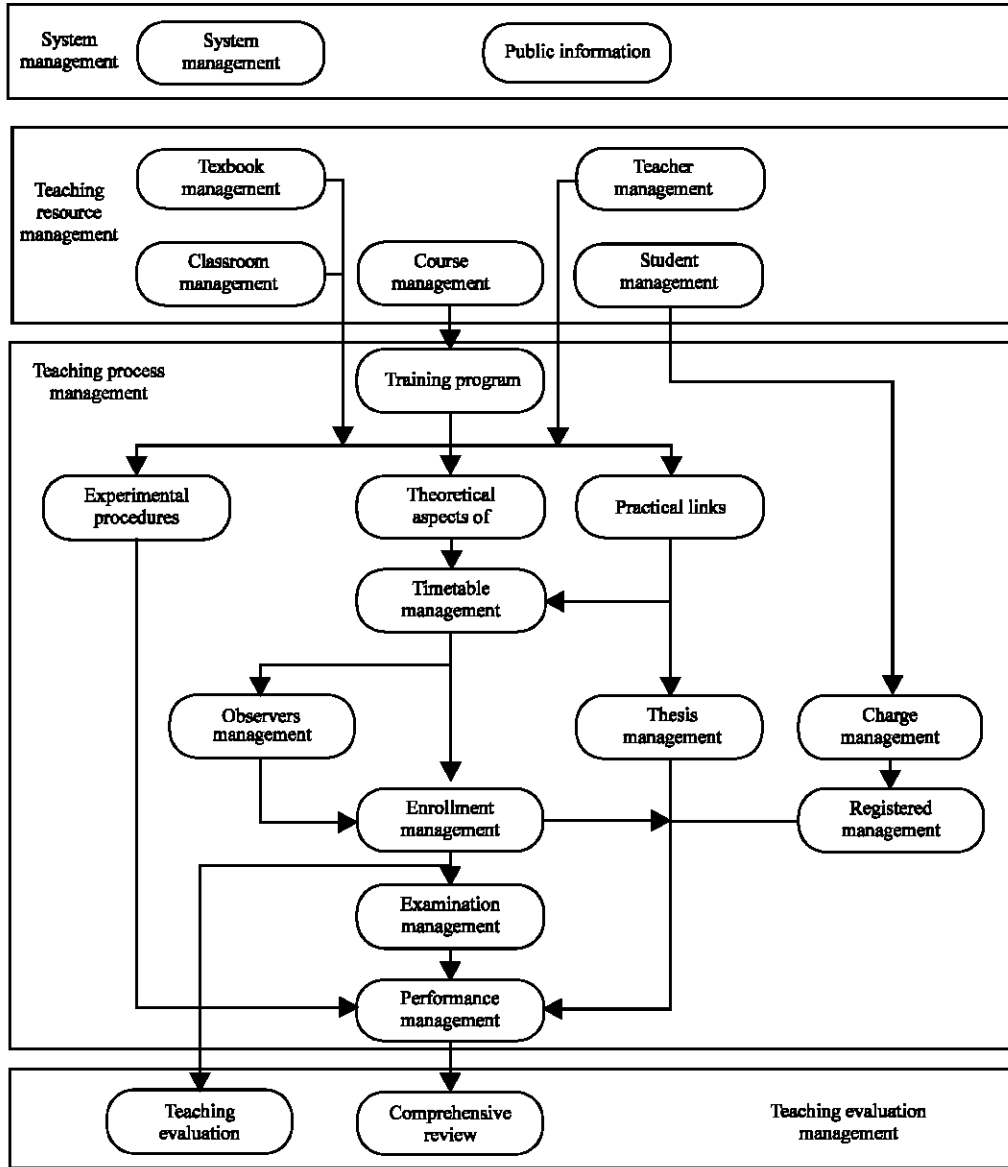


Fig. 1: Functional block diagram of a teaching evaluation management

assessment, as well as inter-institution Course management, its security system including professional teaching quality syllabus and teaching programs, monitoring and management. The functional Block Diagram of a Teaching Evaluation Management is shown as Fig. 1 (Diugwu *et al.*, 2012).

**Credit characteristics:** By major credit system for its flexibility and freedom of a wide range of efficient application and promotion of the credit system in the process of which is still subject to some external factors, and its performance is as follows:

First, the credit system is a more flexible educational system, such a system is bound to enhance the flexibility and autonomy of the students in the learning process will be conducive to the improvement of students' ability to learn and to be able to help those who are learning ability of students credits to repair completed ahead of schedule, allowing early graduation. For poor learning ability of students in terms of, you can temporarily delay the student's graduation time for families disadvantaged students to learn while working side our country in the whole process of the credit system in which there is such a problem is that students can advance in 2012 graduated

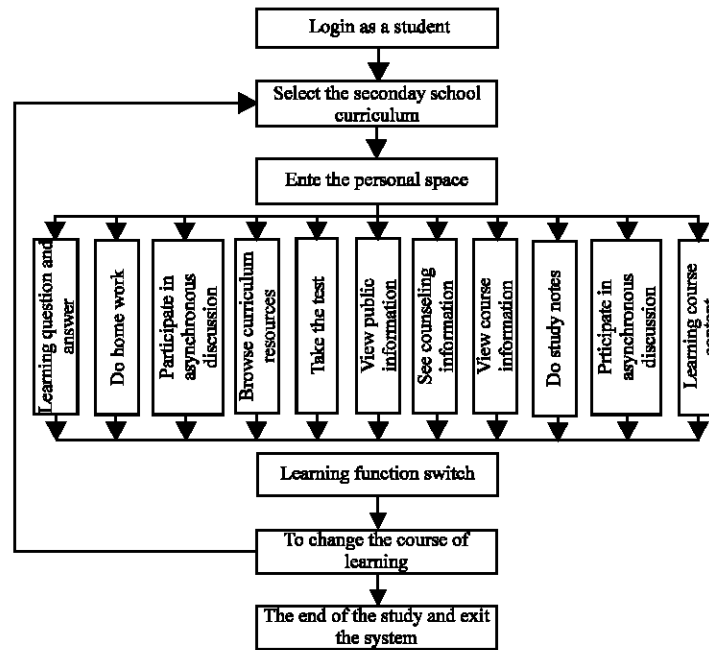


Fig. 2: Modern education management system diagram

but if the students just months in advance graduation, then, in accordance with the current of the implementation of the personnel management system as well as certificate management system, some students cannot get a diploma but also Unable to their assigned work (Zaman, 2012).

Second, another important feature of the credit system is the ability to allow students to be able to free choice of profession and professional. There are very few schools which allows students to choose their own course in China, will cause the popular professional shortage problem of the professional wants to come and unpopular, and many popular professional and community necessary, the school management and government management are crucial (Sarkar, 2012).

Third, the credit system more flexible arrangement, each row of the same semester courses. Many colleges and universities in China are just arrange in the afternoon or in the morning and can arrange a fixed course in a semester, longer row on a semester courses next semester. Students if do not pass the exam in the semester cannot get credit, if you want to get credits rebuilt only separated a semester before opening this course, this arrangement it is difficult for those who delay graduation or early graduation students opened certain special courses, these students only in accordance with the curriculum elective courses arranged to join in the semester cannot arrange to have to wait until next semester, modern education management system diagram is shown as Fig. 2 (Ali *et al.*, 2012).

Fourth, curriculum credit system has a lot of flexibility and freedom. Most schools require students to repair enough of 120-130 credits within four years and the calculation of its credit as a credit in accordance with 16-18 h. Many of our courses are prescribed according to the Ministry of Education, belong to the public a required course, such as military theory, two courses, sports, foreign languages, computers, etc., these courses in the whole process of student learning in the possession of a certain number of credits, plus on students of professional courses which cannot exceed 70% of that will be very difficult which would make the elective reduce the proportion of the Credit System to implement the real purpose and meaning it is difficult to achieve.

Fifth, the implementation of the credit system is limited by the teaching resource. Credit system in the process of implementation of certain requirements for teaching resources will require educational management system must have a high-quality, Course Scheduling System, as well as elective system requirements must have a group with a higher level of teachers' teachers and high the quality of education and teaching management personnel but also must have adequate books and materials, computer room, the classroom, as well as logistical support, many famous universities in China has reached this levels but the vast majority of schools are not able to reach.

**MODERN CONCEPT OF EDUCATION MANAGEMENT**

With the arrival of the era of the popularization of education, many colleges and universities have begun to actively expand their enrollment scale, how can the rapid growth in the number of students at the same time to ensure stability and improve quality of school education, and continue to realize the goal of cultivating talents. This related to the college talent powerhouse and a major strategic issue of rejuvenating the country through science and education but also higher education workers actively thinking a major event. College educational management philosophy is the soul of the school educational administration, will play a very important role for the regulation and the guidance of manager behavior, the internationalization of higher education and popular development on the one hand makes our colleges and universities facing external competition is huge pressure and the complexity of internal pressure. On the other hand, this also will allow the college educational management system into volatile situations and actively explore and research the appropriate educational management system is not only a significant need for colleges and universities adapt to the development trend of the teaching management is also deepening the reform of university internal management of enterprises in China, but also to adapt to the development of school teaching management concepts, know that the practice of college educational administration, development and the needs of the development of rich college educational administration. Square modern teaching management model is shown as Fig. 3.

Advances in computer technology into human rapid development of information era, the schools educational administration cannot avoid this trend of historical development. From the development of information management systems, in terms of basic experienced technology management to resource management

process, the people in the early emphasis on the application of technology, too much emphasis on modern information technology to meet the information needs of the user growth and change, in the same strong information processing process is widely used, greatly improving the work efficiency of such information but such applications can only enhance the management level in a given mode of management and organizational structure, the era of the knowledge economy arrival will inevitably cause changes in school management model and organizational structure, the use and development of information resources is mainly reflected in the use of advanced information technology to transform the traditional management model and organizational structure and management thinking process, the level of university educational administration rising gradually became the information society raised urgent requirement for major college teaching management, problems to be solved in the current process of educational administration formation adapt to college teaching management philosophy of the development of information technology and academic management system (Raihani *et al.*, 2011).

With the implementation of the strategic approach on the Popularization of Higher Education in the determination of objectives and the country through science and education, the social need for talent gradually begun by the unitary transformation into diversity and how to adapt to the social demand for the personnel structure more specifications and multi-level, becoming higher education important issues facing the development process. Credit system is able to change the traditional teaching mode and gradually the demand for qualified personnel to meet the continuous development of the social market economy, school for the community to be able to actively cultivate a multi-level talents and effectively promote the development of education and teaching, in order to be better able to meet the community the demand for talent, People this principle is an important

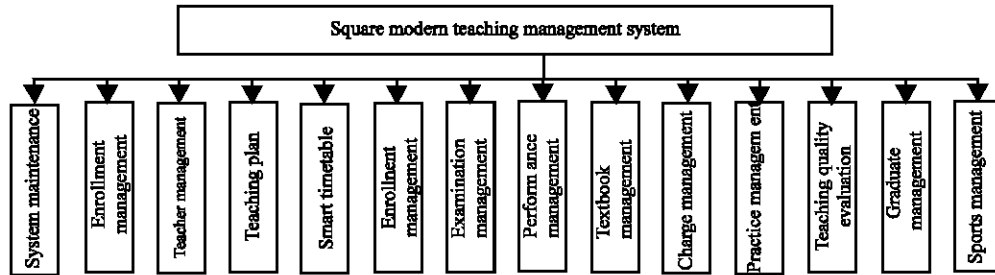


Fig. 3: Square modern teaching management mode

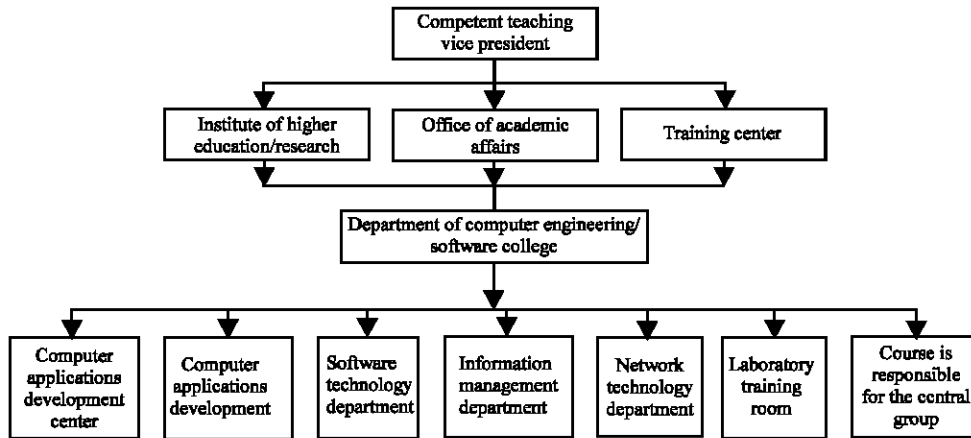


Fig. 4: Teaching management agency relationship diagram

principle of modern education management, managers must recognize the importance of management work for the development of school education, strengthen the effective allocation of various resources, only to seize on management services as well as people of this fundamental, through a variety of means to continuously meet the manpower needs of the community, to actively improve the creativity of management workers work, enthusiasm and initiative in the process of school education, educational administration, of any teaching management measures systems and policies must be fully in line with this spirit and principle, to maximize the creativity and initiative of the management of workers, teaching management agency relationship is shown as Fig. 4 (Meghdadi and Ghasemi, 2011).

**SENATE MANAGED QUALITY CONTROL MEASURES**

Quality control of educational administration through the formulation of the decision-making and plans to discover the problem, analyze the problem and solve the problem in a large sense, is used to ensure and oversee a process of decision-making and plans to achieve the control to be able to achieve organizational determine tasks and achieve goals, adjust and check the organization's objectives. Its control of the main tasks is that the entire plan to ensure the smooth implementation and continue to achieve its control objectives, in order to be able to achieve a different purpose, you need a manager to take a different control measures, control the manner and purpose are diverse, according to certain criteria classification can be roughly divided into the following types. First, in accordance with the nature of the

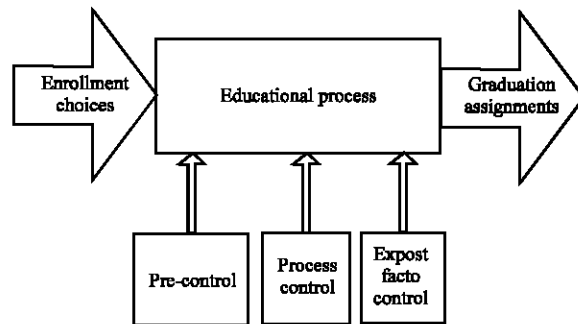


Fig. 5: Flow figure in different position of education management quality control points

control activities, it can be divided into corrective preventive control of the control box, sec, in accordance with the different positions of the control point, it can be controlled afterwards divided into control, process control and advance control, etc., several types. Its control of the flow chart is shown as Fig. 5.

Often exist in academic teaching management system which exists fixed content, such as: Teaching plans, elective or arranging which do not need to make more control. A timely manner on the need for test management and student management transaction larger which need to make more control measures and need to do in advance, the process and the subsequent associated control and management system of the Senate to the successful completion of the administrative tasks of the Senate. Most of our colleges and universities are using current school year of Academic Management System, for the students in terms of the credits started to become very important, not passing the exam credits accumulate easily on the student's graduation have some

impact. Fail credits accumulated educational management system should be made to control and early warning in advance, for failing students credit accumulation reaches a certain level, you can make the delivery of the notice to the other portal and its Next elective process control, control can only choose the proportion has not passed the exam courses, elective courses need not continue to increase the students pass the exam, so that the process and pre-control (Elmoudi *et al.*, 2011).

#### **PROBLEMS IN THE EDUCATIONAL MANAGEMENT SYSTEM AND SOLUTIONS RECOMMENDATIONS**

Credit system practiced in Chinese universities is currently in the development stage in the process and it is the transition phase toward the credit system of the school year, there are still many areas for improvement of the system of educational administration system at this stage which needs more advanced technology to educational management system development (Bradji and Boufaida, 2011):

- To strengthen the management of the process management system
- To strengthen the management of the teaching process
- To realize high quality and efficiency of teaching evaluation
- To quickly improve the quality of teaching in schools, the establishment of effective teaching quality management and monitoring system

#### **CONCLUSION**

Educational management system developers and designers in the actual work process in-depth educational administration should fully take into account the system's effectiveness, practicality, science and rationality. The Senate managers and workers need continuous development and improvement of existing educational management system based on the actual development of the school development, the more mature data mining techniques and statistical analysis techniques introduced to the college's educational management system which constantly develop the information management capacity of the existing management and establish the norms of scientific management, constantly strengthening standardized management system construction.

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