RESEARCH ARTICLE

THE APPLICATION AND THINKING OF MODERN EDUCATIONAL TECHNOLOGY IN UNIVERSITY TEACHING MANAGEMENT

*He Xiao

Human Resources Department of China West Normal University, No.1, Shida Road, Nanchong City,
SiChuan Province, China

ARTICLE INFO	ABSTRACT
	There is an inseparable relationship between modern educational technology and university teaching management. The management should be supposed to make a difference with the development of the educational technology. Only by applying the modern educational technology to establish a system of university teaching management that is efficient and adapt to the current environment could university ensure the normal conduction of the teaching management.

INTRODUCTION

The conception of modern educational technology

Modern educational technology refers to the theory and practice that designing, developing, utilizing, managing and evaluating the resource and the process of teaching and studying by taking full advantage of modern information technology to achieve the optimization of teaching under the guidance of modern education theory. The modern education theory mainly includes learning theory, education theory of seeing and hearing, communication theory and system methodology. And modern information resource covers computer technology, multimedia technology, network technology and photo and videotape technology, etc.

The fusion and interaction of modern educational technology and university teaching management

The fusion and interaction of modern educational technology and university teaching management are mainly displayed in the process of teaching management and evaluation with modern educational theories, computer and information technology. The management level and efficiency can be improved with it.

Corresponding author: He Xiao,
Human Resources Department of China West Normal University,
No.1, Shida Road, Nanchong City, SiChuan Province, China.

Build the teaching information management network

The teaching information management network is a practical application of modern educational technology in teaching practice. It has improved the overall educational quality. The subsystems of the college teaching management system include:

- **Admission management system.** It can download data from the internet so as to facilitate the admission process. It provides students' original data for the teaching management system and the school registration management system.
- **School registration management system.** It downloads the original data from the admission management system, generates student registration numbers and class numbers, and manages all kinds of information of students form admission to graduation, like personal information, registration, achievement or punishment, and graduation comment.
- **Syllabus generating system.** It can generate a proper syllabus for every class according to their teaching plans, teachers' timetables and the resources available on campus like the classrooms and so on. It makes access to syllabus of specific class possible for teachers and provides information of temporarily unoccupied classrooms.

- **Course selection system.** It is designed for the selection of selective courses and cross-major courses and is especially suitable for the teaching management.
- **Test score management system.** As long as test scores are released, students can inquire their scores at anytime and anywhere on the internet. The teaching management department can download the list of make-up tests or repair learning in the form of courses or classes.
- **Examination management system.** It can automatically generate test data according to students' course selection data, and effectively organize the tests of the courses undertaken.
- **Textbook management system.** With the help of campus network and internet, it provides advanced and practical means for the textbook booking, distribution, storage, financial settlement and information inquiring. It can effectively improve the working efficiency, reduce the pressure of storage and ensure the textbook supply.
- **Teaching evaluation system.** It draws data from the syllabus generating system and divides it into different periods. Students can score their teachers' work on the internet. It provides both forms of scores and comments. The results of their evaluation come spontaneously.

Build the resource database of college teaching management

Building the resource database of college teaching management is a comprehensive application of modern educational technology. It provides course information, teaching management charts, teaching management software and so on. It plays an important part in the modernization of management and will improve the fusion of educational technology and teaching management.

Develop and use CMI

CMI（Computer-Managed Instruction）refers to realizing teaching process with the help of computer information management system. It helps teachers and faculties to manage teaching process. Generally, teachers decide on their teaching plans according to tests and evaluation on students' learning. This system can help teachers make their decisions by providing related statistics.

Problems of the application of modern educational technology in university teaching management

Concept is relatively weak. Educational concept determines educational consciousness and action. At present, the educational process emphasis more on the reform of modern information technology while ignoring the modernization, efficiency and intelligence of teaching management. In the new period, universities can't stay in the experiential teaching management mode and method, but have the consciousness of using modern education technology idea.

Technical levels are not high. The teaching-management staff is composed of a variety of professional teachers, including education management and computer. However, no matter which majors, universities are lack of the teaching-management talents who are familiar with computer and management. Teaching-management construction has lagged behind the teachers.

Software applications are poor. Although there are various types of teaching management software, it is difficult to find a suitable one for all universities. The connection between the subsystems in the teaching management system is also a prominent problem; good connection will not cause duplication of effort.

Measures to Strength the Application of Modern Educational Technology

Transform education concept and system. Modern educational technology brings not only the reform of method but also the reform of concept, system, and mode in education. The major reason for information backwardness in education filed does not lie in technology or economy but lies in constrains of backward education concept and system. Therefore, it is a must to continuously learn the theories of education management and strength the communication between universities so as to learn from others' advanced experience.

Develop the ability of computer operation. It is supposed to provide administrative staff with the opportunities to take part in leading training and improve the quality of them by the construction of information system of teaching management.

Set up modern teaching management model. It is necessary to renew the management method through the application of modern education technology. According to the situation of the university, on the one hand, it is supposed to properly group the people familiarized with the modern education technology and the people conducting teaching management research together. On the other hand, modern teaching management should be in line with development of the university.

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