Construction and Management of Multimedia Phonetic Laboratory in Universities

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Abstract: With the development of information technology in higher education, multimedia voice laboratory is gradually being applied to daily teaching. As an important platform for foreign language teaching, multimedia sound laboratory is an important part of the construction of teaching infrastructure in Colleges and universities. It has become one of the indispensable tools for teaching talents in foreign languages. With the rapid development of modern educational technology and the constant involvement in foreign language teaching, higher requirements have been put forward for the management of multimedia speech laboratories. From the management point of view, the introduction of system management, total quality management, lean management and other ideas and methods, the establishment of a comprehensive quality management system, will promote the scientific construction of multimedia voice laboratory and healthy development.

Keywords: Multimedia; Voice; Construction; Colleges and Universities

1. Introduction

The multimedia phonetic laboratory can not only train and train students' ability of listening, speaking, reading and writing, but also promote the modern, pluralistic and all-round development of foreign language teaching. It is different from the laboratory of science and engineering, and it is an auxiliary facility for foreign language teaching and learning. Since 1980s, since the multimedia lab into universities, Multimedia Lab experienced the traditional language learning system, simulation of digital language learning system, all digital language learning system in three stages[1-3].

The goal of College English teaching is to cultivate students' comprehensive use of English reading and writing ability of listening and speaking, in order to achieve the teaching goal, many universities are actively using multimedia teaching mode, college language lab is the bearing platform and the place of this model.

With the highly developed and widespread application of computer technology, colleges and universities attach great importance to the input and construction of sound laboratory equipment. In the era of rapid changes in technology, many software updates are extremely fast, and the functions are increasing. Hardware facilities are not timely updated in after a period of time, a lot of equipment is relatively backward, but due to financial reasons, some of the main control computer hardware cannot be upgraded, so many university language lab equipment, software function and keep pace with the times[4-6]. In addition, due to frequent and prolonged use, many voice equipment is seriously damaged, managers lack of knowledge and skills, and also cannot meet the actual needs of machine maintenance.

The Ministry of education "in the English Teaching Syllabus for English Majors" of multimedia lab put forward new requirements, requirements based on the original audio-visual equipment, and actively explore the development of computer assisted instruction. Gradually build a computer network system, CD-ROM data center and multimedia self study center to create conditions for updating teaching content, improving teaching efficiency and training students' effective learning methods[7]. However, if we build separate voice classrooms, network networks, examination centers and open learning centers, we will waste our resources. Therefore, the computerization, software and multi room integration of multimedia voice laboratory will be a trend

The daily management of university laboratory angle, the multimedia voice room to strengthen and improve the management, improve the management level, the normal use of multimedia voice room security, to ensure that they are in good working condition, improve the use of multimedia voice room rate, is an important work in front of the high school multimedia voice room manager. Combined with the author's daily work experience in the management and maintenance of multimedia voice room in University, this paper analyzes and improves the management and maintenance of multimedia voice room in University, which can be used for reference

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2. Strengthen the Daily Management of Multimedia Voice Room

The implementation of any management activities, all cannot do without rules and regulations to ensure a sound, a sound regulatory system can make the management of the main activities of clear responsibilities, follow each link in management activities. The multimedia language lab in Colleges and universities is a place for teachers to complete the teaching of foreign languages and students' foreign language learning. Therefore, multimedia voice room in voice equipment is the material basis of foreign language teaching in Colleges and universities and the basic conditions, therefore, the multimedia voice room in the equipment to carry out the scientific management in order to give full play to the greatest benefit of voice equipment.

The rules and regulations of the daily management of the multimedia voice room mainly include the rules of the use of the speech room, the safety regulations of the speech room, the post responsibility of the voice room manager, and the compensation methods for the damage of the phonetic equipment, etc.. To put these rules into practice, students organize him before the first lecture in the multimedia language lab.

3. Strengthen the Student Management of the Daily Use of Multimedia Language Lab in Universities

To strengthen the management of students in the class multimedia voice room, and put forward strict requirements on the ban, graffiti on the multimedia speech table, no food, eat in the indoor multimedia voice spitting, littering, damage to the lab equipment, such as tape machine and headset, as appropriate, for damages. The students in the multimedia voice room when sitting to learn according to the fixed seat, and fill in the table seating. During the class and between classes, strictly prohibited students to teachers to mess with the console. In essence, the effective construction of the multimedia laboratory can provide a more adequate and advanced teaching facilities for the school of foreign language teaching, so as to create a good teaching environment, teachers and students to provide strong platform for language communication, and ultimately between teachers and students students, and between students, and the interaction between multimedia devices, providing opportunities to practice language. In addition, the pronunciation laboratory can not only provide facilities guarantee for students' daily study, but also can broaden the service surface with its relatively abundant resources and language environment. At present, the modernization of the speech lab normally equipped with self learning function, based on the function of the school teaching, can open to the server in the learning platform, or let the students log in directly re-lated to the teaching website, teachers only need students to introduce some learning websites at home and abroad can make students individualized I need to strengthen the foundation of learning. The students in the school speech chamber with cyber source good practice English listening, or with some voice data to practice English conversation, so as to enable students to complete English learning tasks in a pleasant environment, to further stimulate the enthusiasm of the students themselves, feel the important value of speech room, promote effectively improve their foreign language level.

4. Train the Sound Outdoor Experiment Staff

From a professional point of view, the work in laboratory has a very strong professional and technical, in the modernization of science and technology development background, must increasingly updated in their cultural literacy and knowledge structure of the relevant management personnel also performed the language laboratory and technical staff, so as to better adapt to the management. Specifically, the relevant management personnel of phonetic laboratory should conscientiously implement the relevant management system in the laboratory, master the relevant knowledge of the network, improve network troubleshooting and maintenance ability, can grasp the hard disk cloning technology and a certain reduction card software application method, aiming at some common faults in the network language software and hardware must be troubleshooting. In addition, the voice in the laboratory management personnel should master the foreign language teaching process, can actively cooperate with the relative to the teaching activities, and do regular laboratory facilities and equipment maintenance, earnestly inspection records, promote the level of quality to enhance the practical work. Important speech laboratory managers must also be aware of their own management work, to understand the meaning of work, always maintain a high degree of enthusiasm for their work, establish professional service idea of the front line of teaching, using their abundant energy and enthusiasm to actively put into the laboratory management work, safety and security equipment use, improve work efficiency.

5 . Conclusions

With the continuous development of science and technology, multimedia lab technicians and management of knowledge structure and cultural literacy must be constantly updated, expand their knowledge, the management work can be competent for multimedia voice room. In the face of the technology development of multimedia voice room of colleges and universities and management practice, multimedia voice room management personnel should have a sense of mission and urgency, only by constantly strengthen learning, to improve the multime-

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dia voice room management service level and management level. The efficiency and speed of human visual memory are 4 times greater than the amount of memory produced by hearing alone. Multimedia Lab has changed the function of traditional voice laboratory simple faults, to digital multimedia teaching equipment, a variety of effective methods and means are provided for student viewing, listening and speaking, reading and writing, so the construction and management of University of multimedia voice room has important significance and practical value of daily teaching.

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