Research on the New Modern English Teaching Mode in Higher Vocational Colleges based on Multimedia and Interactive System

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Abstract

In this paper, we conduct research on the new modern English teaching mode in higher vocational colleges based on multimedia and interactive system. Multimedia can make the local conditions and customs of English-speaking countries, culture, art and life phenomenon, along with beautiful music and authentic English explanation, in order to real natural life scenes, abstract, boring of the learning content, become vivid language communication environment, easy to stimulate students' learning motivation, arouse their strong desire for knowledge, and the thirst for knowledge into sustainable self-need, internalized learning motivation. Learning motivation is directly promote the inner power of students in learning activities as point and level directly affect students' learning behavior and academic achievement. Establishment situation, stimulate students' curiosity and it is an effective way of training students' learning motivations. This paper combines the related theories to propose the new perspective of the issues that will be meaningful.

Keywords: Modern English, Teaching, Higher Vocational Colleges, Interactive System.

Introduction

The current English teaching reform is in full swing in many colleges and universities, college English teaching reform in our country through the joint efforts of all aspects has made gratifying achievements, mainly caused wide attention in English teaching reform, teaching facilities have improved raised year by year, college students' English level, etc. However, the domestic most of the current situation of college English teaching is not optimistic, really exist many problems. Major problems in English teaching can be generally summarized as the follows.

- Lack of unified teaching materials, and the selected teaching material quality is not high. Teaching material is the important tool of teachers teaching, there is no excellent teaching material, it is a good teacher is "one". But now it's more professional English content industry, the industry or popular science books that cannot cover the various research field of specialty.
- Low degree of attention. Compared with ordinary college English courses, professional English learning of science and technology difficulty is relatively large. Such as sentence patterns is complex, uncommon words more and difficult to memory, plus the article boring, lack of interest, so that students lack interest in learning.
- Teachers' quality is uneven. Professional English teacher must possess the ability of many sided, besides professional, foreign language outside the two basic conditions, should also have good ability of knowledge integration, the modern education

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technology application ability, good communication skill and teaching skill. And the current situation is that most professional English teacher is very difficult to meet these requirements, professional English teachers generally comes from the professional teachers, because they hadn't been English teaching training system, the lack of the method of teaching English, too much focus on professional knowledge in class, and ignore to cultivate the students' language ability, tend to restrict the professional English teaching.

Language learning cannot be separated from listening, speaking, reading, writing and translating the five basic skills of learning and exercise, the computer in the process of language learning in listening comprehension, pronunciation, reading and writing can be used, including human-computer interaction technology provide convenience for the five skill learning conditions. Especially by virtual reality technology, make the language learners can study in close to real environment, should both comply with the interaction of language learning, and is not limited to a specific environment (such as classroom teaching environment) and time (e.g., classroom learning time). Formation and rapid development of computer aided language learning provides a more realistic and more abundant language learner language learning environment. In the computer virtual reality technology and human-computer interaction technology can make the language learners in the process of general human-computer interaction and computer, in listening, speaking, reading, writing and translating these five basic language skills such as learning and training.

![Figure 1. The Architecture of the Modern English Teaching Mode.](image)

In this paper, we conduct research on the new modern English teaching mode in higher vocational colleges based on multimedia and interactive system. In the later sections, we will discuss in detail.

**Our Proposed Methodology**

**The Review of the HCI.** With the advent of MR technology matures, the actual fusion in traditional GUI has been unable to adapt to MR interaction scenarios, more and more scholars began to seek a new way of interaction to adapt to the development of this new technology. From practice they concluded that the new interaction design principles and evaluation methods, a new interaction technology suitable for MR technology is developed; Based on the
development of the new type of interactive systems and general applications, greatly promote the development of the MR and human-computer interaction technology. At the same time, in an interactive technology, interactive interface and paradigm, method of interaction of social acceptance and so on also met a lot of problems, to solve these problems, researchers still need to be in technology innovation, new interface paradigm to explore, humanized interaction design and evaluation methods.

In order to find a general design principle, the literature [1] trying to traditional human-computer interaction principles of universal design on MR direct application, following guidelines are given. 1) Since the analyticity. Make nature of the inner link between the user interface and its function. 2) Lower cognitive load. Enables users to focus on the actual task rather than be overwhelmed with too much information. 3) The lower energy demand. Allows users can complete the task with minimal interaction steps. 4) Learnability, making applications easier to be learned.

The Higher Vocational Teaching. The training objectives of higher vocational colleges should be positioned in the "employment have advantage, entrepreneurial ability, development base", this goal can be reached, largely depends on the innovation of the higher vocational teaching model. Therefore, in the face of the original is not very perfect higher vocational teaching, we should boldly to try and practice, some practical measures make higher vocational education to achieve a new level.

Characteristics of higher vocational education are the form to the student ability raise as the center, to analyze and solve practical problems as the goal of the teaching mode. First of all, the teacher according to the training goal of that this major training content can be divided into basic skills, professional skills, technology and innovation ability training at all levels. Secondly, according to the requirement of the level of training courses, and setting each course practice teaching outline. Finally, according to the practical requirements of each course, will the training content of each course can be divided into several independent unit of basic training, each training unit corresponding to a project. Practice teaching must to the cultivation of the students' vocational skills training and vocational quality organically, both the students' vocational skills training, and pay attention to combine the teaching contents for the cultivation of the students in vocational quality, improve the quality of graduates. Teaching content must be according to the employment needs to choose a target, to achieve "on-demand teaching", properly handle the recent employment "necessary and adequate" and the development in the future "migration available", the relationship between science building highly targeted that can develop the course structure of higher practical talents. "Modular", the curriculum should follow the "basic knowledge module, the general skills module, specific jobs required skills module" three organic combination.

The College English Teaching. College English language is not only an important learning English course, it is also a social practical subjects of study. English linguistics study main objective is to research the connection between language and English language phenomena and laws and to let students understand the English language structure and the nature of law, achieve finally able to apply his knowledge of linguistics to explain the actual language normal life activities. College English education teaching process, is based on the college students have mastered the core basic English knowledge and basic skills gradually on the basis of the process of ascension. In the process of comprehensive teaching can use a variety of teaching methods, and don't have to stick to traditional or modern teaching methods. Traditional college English
teaching method compared with the modern English teaching methods, through the historical development of inspection for a long time, has its own advantages. Modern English teaching methods are mainly depends on the development of that modern science and technology.

To solve the current problem of the current English language teaching universities in our country, should first start with the teachers, to give full play to teachers’ important role in the whole English language teaching that mainly from four aspects to improve the teachers in the teaching of college English language ability and role. (1) The kind of teaching idea to transform itself in the past. From the English language teaching content and knowledge as the center of teaching to the English language learning and training English ability as the center of teaching mode, according to the teaching goal, to “students as the main body, teacher as the leading”, in the teaching attaches importance to students’ independent learning ability, innovation consciousness and practice ability to develop teaching and quality. (2) To do teaching reflection. This feedback is to focus on teaching knowledge, so that you can do for students to grasp the learning in the process of teaching ability. At the same time to pay attention to the comparison of Chinese and English two kinds of linguistics and guide students correct learning methods. By the theory of linguistic knowledge and master to help students to enter the next phase, such as graduate students study to lay a solid foundation, for later everything related to language learning and work to prepare. (3) Teachers of English in the usual English language teaching to strengthen each other learning, communication and exchange, perfect constantly enrich their own teaching experience, in the teaching practice of English language test, and should not let English level in the teaching exists only in theory of linguistics. (4) Changes in the way of realization of teachers in teaching. In English linguistics class, the teachers should adopt "task type" and "discussion-based” teaching methods and to improve the students' classroom learning efficiency, efforts to strengthen the student's ability to use language.

![Teaching approach]

**The Interactive English Teaching.** Constructivism emphasizes student-centered, students are required to not only by external stimulus of the passive recipients and knowledge object into the main body of information processing, take the initiative to construct knowledge meaning, but also requires teachers to by imparter of knowledge, transfer into a helper, facilitator, students actively construct meaning. In the process of the learning, students take the initiative to collect and analyze relevant information and data, the problems in the study put forward and try to be tested, but also for self-monitoring, testing, inspection and other activities, thus judgment or test their learning behavior. In the whole learning process, highlights its self-consciousness and autonomy, while the teacher acts as guide, support and motivation. From the perspective of
teachers, independent-interactive English teaching mode is one of the teachers take teaching strategies, use oneself and students, students and students, and students study with the collaboration and the interaction between the computer and complete meaning construction. From the perspective of students, through this model, we can watch the other students learning situation, consciously review and reflect on their own learning process, at the same time of learning task implementation significance construction.

The network information and the Internet "window" dialogue is mostly through basic English transmission, so the network itself is not a huge repository of English. In addition, there are various forms of network interactive online language learning activity, and provide a rich learning materials, learners can choose according to their level and the hobby of appropriate materials for autonomous learning. Students in the real environment with the opportunities of English communication is limited, the network because of its abundant resources and strong interactivity and that become autonomous, interactive teaching take the student as the main body of the effective tools. Students can refer to the own will, in under the guidance of teachers and teachers, students, and even foreign friends on the Internet use English to communicate and discuss.

The Multimedia and English. The rate of cognitive psychology to memory study found: learning from the same materials use auditory, 3 hours later can memory about 70%, fell to 10% in 3 days; Use visual, memory retained 72% after three hours, three days later reduced to around 20%; If the visual and auditory use at the same time, the save 85% after 3 hours, retained 65% in 3 days. Visible, widely used in the English teaching environment can let the student see auditory and teaching media, can greatly improve the efficiency of students' learning and teachers' teaching effect.

English multimedia teaching environment has the following functions: teaching demonstration function; Homework demonstration function; Practice self-learning function; Individual counseling function as teaching management functions. If it be used widely in the middle school English teaching, will have a far-reaching influence on the quality education. (1) In multimedia classroom, teachers on teachers' work site operation courseware for teaching, all the students in their workstation to observe the operation of the courseware, at the same time can listen to the voice of the teacher's explanation or courseware, every student can get the same effect in class, avoid the traditional classroom students sit back in class effect is poor. (2) Multimedia English teaching to text, symbols, graphics, images, moving images and sound, and other media information, effectively recreate the objective attributes of things, so that the students have immersive feeling. (3) In the application of the multimedia in English teaching, can create sound, light, color and delicate figure interactive teaching environment, make the students feel fresh, interest and seeking knowledge desire. Loose, autonomous learning atmosphere, can promote learning activeness of play and the development of personality.

Conclusion

In this paper, we conduct research on the new modern English teaching mode in higher vocational colleges based on multimedia and interactive system. Modern information technology in the 21st century are increasingly integrated into the field of education, and has gradually entered the classroom, it is illustrated, audio-visual manner, all appropriate forms of activity, with the special expression of across time and space, classroom teaching to a new realm. Multimedia assisted English teaching is through a variety of media and technology of comprehensive utilization, the English teaching of information storage, processing and
transmission, break through the traditional media "linear restrictions", in a flexible, dynamic and comprehensive, three-dimensional way establishment situation, broaden the English class time and space, realize the teaching goal, teaching content, teaching process and teaching time and space fully open, encourage students' autonomous learning, so as to achieve optimization of foreign language teaching and learning. This paper proposes the new perspective of the issues that will enhance the further development of the related research.

References


