A Study on College English Teaching Reform Based on The Integration of Computer Network and Foreign Language Courses

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Abstract. Since stepping into the 21st century, the innovation and development of computer network technology have been eye-catching, which has brought a great impact on the traditional models of all walks of life. In the field of education teaching, the introduction of computer network technology, application and innovation not only upgrade the teaching equipment and facilities, enrich the teaching of various types of network resources, but also changed the traditional English teaching strategy, this paper is to vocabulary learning in college English curriculum as the breakthrough point, through empirical method to research network multimedia form, the relationship between college students and the electronic media, presenting methods of college English teaching content, different mode of teaching and learning of vocabulary learning effect.

Keywords: Network Multimedia, Teaching Mode, Learning Style

1. Introduction
In the information age, all kinds of foreign language teaching and learning theories are developing and endowed with new meanings and functions. Information technology, with multimedia, network technology, virtual reality teaching system and other technologies as the core, provides a strong support system for foreign language teaching. In this form, foreign language teaching has become a two-way or even multi-directional dynamic process, in which teachers, students and media are organically combined. The principles of input, interaction, discovery learning, independent learning and learning evaluation are integrated and applied in teaching design, and the learning effect is optimized. It can be said that the support of network multimedia technology makes foreign language teaching present an open and multi-directional communication trend [1]. According to statistics, the number of people using online teaching resources for learning in the United States is increasing by 300% per year long. As early as 1999: in the United States, more than 70 million people used online teaching resources to acquire knowledge and job skills, and more than 60% of enterprises used online teaching resources and online methods to carry out continuing education for employees（Figure1）.
China's education information construction began in the 1980s and rose in the late 1990s. The Chinese government has incorporated the construction of educational information into the national educational strategic plan. China's basic education information development. Since the early 1980s, it has experienced three development stages of "information technology curriculum, curriculum integration and network education". China's education information development is in a flourishing period. With the development of information technology and knowledge era in the 21st century, lifelong learning, learners' development and educational reform needs, and the construction of learning environment and learning society, China's education informatization will be more vigorously promoted to the direction of scientific, standardized, standardized and popular development (Table 1).

Table 1. Three development stages of information-based education.

| Stage | Key points | Operation mode |
|-------|------------|----------------|
| The first stage: the late 1970s--early 1980s | Computer science teaching enable students to master the basic knowledge and skills of information technology | Classes start from high school, junior high school, and then to primary school: the curriculum forms from optional courses to compulsory courses; The course begins with the main course and the operation and use of the application software added later |
| Stage 2: the late 1980s and mid-1990s | Computer-aided instruction and computer-aided management/development instruction | "Computer and Basic Education Fair; The combination of course ware developed by teachers themselves". Teacher utilize various resources; Constructivist teaching mode becomes the theoretical basis for the integration of curriculum |
| Stage 3: Mid to late 1990s | Network education, network teaching skills | Building multimedia electronic classrooms; Build campus network |
2. The current situation of college English teaching in China and the necessity of implementing the new teaching mode

For the public foreign language education in colleges and universities, the balanced development of listening, speaking, reading, writing and translation plays a very important role in the cultivation of innovative talents and quality-oriented education. However, the traditional teaching style shows its disadvantages more and more: (1) emphasis on teaching material, emphasis on reading. Traditional foreign language teaching is dependent on textbooks, and reading has become the only focus in listening, speaking, reading, writing and translating skills. Grammatically oriented translation language teaching method still dominates [2]. (2) Emphasis on vocabulary and grammar. Classroom teaching is only the teachers in the text of vocabulary, sentence structure, grammar, repeatability, the lack of the cultivation of students' comprehensive quality, such as listening and speaking skills, writing and translation ability, at the end of each course, students only have realized the word remember and grammar to master the basic teaching goal, to be truly integrate isolated vocabulary and grammar.(3) one-sided attention tests. In order to pass grade smoothly, teachers focus on teaching and students focus on training within the scope of grade examination, focusing on the study of various test-taking skills, ignoring the practical application ability. However, not enough attention is paid to the training of listening, speaking, writing and translation, which leads to the phenomenon that many students are unable to carry out basic daily dialogue, basic writing and translation with their CET-4 and CET-6 certificates. For a long time, college English teaching in China is still based on teacher-centered teaching mode, which cannot effectively improve students' intercultural communication competence [3].

Therefore, in order to improve the quality of college English teaching level and education, cultivate the students' English comprehensive application ability, especially heard ability, make them in the future study, work and social activities can communicate effectively in English, at the same time to improve their ability of autonomous learning, improve the comprehensive cultural quality, to adapt to the need of social development and international exchange in China, the education workers must change ideas, reform of English teaching methods and means, to transform traditional classroom teaching mode, create a new mode of classroom teaching, comprehensively promote the reform of college English teaching.

3. Advantages of the new English teaching model

College English teaching reform is focused on the learner centered and improve the students' English comprehensive application ability, college English teaching is from teacher-centered mode to the traditional, single language learning to students as the center of the new teaching mode, the new teaching model supported by multimedia and network technology, the computer network autonomous learning and teachers' classroom teaching and counselling, reflect the thought of learner centered in the teaching, to develop the personalized learning and autonomous learning. Therefore, in teaching practice, teachers not only impart general language knowledge and skills, but also focus on cultivating students' language application ability and autonomous learning ability [4]. The advantages of this teaching mode are reflected in the following aspects:

First of all, to create a good language learning environment for students. Constructivist educational theory emphasizes that teaching is student-centered and teaching design focuses on the design of learning environment and independent learning strategies. Multimedia classroom teaching and the combination of network autonomous learning, the implementation of the teaching mode, not only to respect the principal position of students in learning, and give full play to the positive role of teachers as the guide and supervisor, to implement the teachers' domination and students' subjectivity in the mix, English language knowledge and comprehensive application skills of mixing, teachers classroom teaching and students' autonomous learning under the network environment of mix, creating high quality English learning environment for students.

Secondly, use multimedia teaching mode to improve the interactivity. Interactivity includes the interaction between teachers and students the interaction between students and the interaction between
students and the teaching content and teaching media. In English teaching, teachers should not only impart the basic knowledge of language, but also pay more attention to the comprehensive application ability of language, and train students' language application skills while imparting knowledge. In order to realize the interaction between students, teachers can provide topics in class for students to discuss in groups, or assign extracurricular tasks to provide more practical opportunities for students. Students and multimedia can also interact with each other. With the help of the network platform, teachers can enable students to consult materials, extensively learn about the background knowledge of Western culture and customs, and cultivate their ability of using language and intercultural communication [5].

Again, cultivate students' autonomous learning ability. The teaching mode with the aid of computer network technology, not only can through English teaching website and public English teaching resource, create favorable autonomous learning environment for students, meet the mobile learning and individualized learning of students, but also can strengthen students' independent consciousness, cultivating autonomous learning beliefs and improve their autonomous learning ability.

4. Conclusion

Independent learning is not only an effective way to solve the serious shortage of teaching resources in China, but also an important means to cultivate personalized talents. Curriculum requirements attaches great importance to the cultivation of autonomous learning ability, and regards the effective improvement of students' autonomous learning ability as an important symbol to measure the success of college English teaching and reform [6]. However, due to the lack of the tradition of independent learning in China's education, there will be a coexistence of various teaching modes for quite a long time. Both foreign language teaching theory and foreign language teaching practice in China have proved that this is not only normal, but also very necessary. This paper proposes and demonstrates a teaching model that combines classroom teaching and students' independent learning under the multimedia network environment, which is expected to provide some references for the current college English teaching reform [7].

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