The Teaching System of “Computer+English” Course based on the Integrated Teaching Concept

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Abstract. The change of society's demand for English-applied talents has affected the transformation of the way in which college English teaching system cultivates talents. In this context, traditional training methods have exposed more and more drawbacks. In order to improve students' English level and adapt to the fierce social competition, the need for new teaching models and teaching systems is particularly urgent. This article analyses the existing problems in college English teaching, and discusses the application status of computer technology in college English courses. On this basis, taking the integration concept as the core and combining computer technology, a curriculum system for modern English is constructed.

Keywords: Integrated Teaching, Interactive Network, Curriculum System

1. Introduction

At present, the society's requirements for English talents are gradually increasing, and college English teaching will also face higher challenges. The traditional way of College English teaching relies too much on the content of textbooks, which not only has a low teaching efficiency, but also has a limited effect on the improvement of students' English comprehensive quality [1]. Nowadays, computer technology has been closely combined with people's production and life. In order to improve students' comprehensive quality and adapt to the diversified market demand, the existing teaching system must make profound changes.

2. The existing problems in college English teaching

In China, almost every school offers English courses. With the increasingly fierce social competition and the improvement of economic quality, enterprises' demand for English application talents are gradually changing, which makes the traditional English teaching exposed many disadvantages.

(1) For the contemporary college students, after a long learning career, most of them have formed
their own learning methods and habits [2]. Their active curiosity for knowledge is strong. If they are still in the position of passive acceptance, their enthusiasm for learning will decline, and even have a psychological resistance to English. In addition, in the traditional teaching mode, teachers often refer to the textbook too much, which limits the expansion of students' horizons.

(2) English teaching should also allow students to master basic grammar knowledge and improve their English communication ability. However, due to the excessive rigidity of the teaching system and educational concepts, the effect of English Teaching in most schools is not ideal. In the teaching process of most Chinese schools, teachers tend to ignore the students' interest demand, which leads to the great limitation of students' subjective initiative and low enthusiasm for learning.

(3) English is a language, and College English teaching should also aim at improving students' ability of using English. Actually, teachers rely too much on teaching materials, but ignore the cultivation of students' oral and listening abilities, and pay less attention to students' language and communication abilities.

(4) In most colleges and universities, listening, speaking, reading, writing and other key courses in English learning are offered separately, which leads to students' inability to integrate with other courses when learning the corresponding courses.

3. Integration of Advanced teaching methods and Curriculum System

3.1. The integrated development process of computer technology in teaching system

In the old teaching system, due to the lack of other more advanced teaching methods, it is difficult for students to ask teachers for advice outside the classroom. As shown in Figure 1, between 2009 and 2019, the proportion of students who use computer network technology to study increased rapidly every year.

![Figure 1. Histogram of the growth trend.](image)

When information technology is integrated into the modern teaching system, the interaction between teaching and learning can continue to extend on the network platform [3]. Teachers and students can communicate and discuss the teaching content through online learning, online classroom and other methods. In addition, through the network technology, the organization form of learning activities is relatively enriched. It is precisely because of the many advantages brought by computer
and network technology that its application in college teaching is becoming more and more extensive.

3.2. The significance of integrating information technology for curriculum system

On the one hand, computer technology can improve the teaching environment. First of all, the application of computer technology brings rich teaching resources to the curriculum system, and the diversity of computer software also makes students' learning more convenient. Secondly, teachers can expand the amount of information in classroom teaching through rich network resources. On the other hand, Computer and network technology can maximize students’ interest in autonomous learning. With the change of learning methods and habits, college students are more and more pursuing personalized and diversified learning. The boring "indoctrination" teaching can no longer satisfy their desire for English learning.

4. An innovative English teaching system centered on the concept of integration

4.1. Using computer and network technology to build an integrated English teaching system

The integrated teaching system is to integrate various teaching links and consider the students' theoretical learning process and practical application process as a whole. After integrating the concept of integrated teaching, the school can formulate a training plan for students in a targeted manner and build an innovative curriculum system to ensure the overall learning level of students through the implementation of various teaching links. At present, the requirements of the society for the comprehensive quality of English talents are more and more strict, and the traditional "indoctrination" teaching has been unable to meet the diversified needs of enterprises [4]. Therefore, English teaching must integrate various advanced teaching techniques and teaching concepts in order to train high-level applied English talents. The integration of computer technology and teaching system not only helps teachers prepare lessons and collect materials, but also increases and broadens the learning channels for students.

On the one hand, in the classroom, teachers can enrich the teaching content through the diverse teaching methods brought by information technology. In particular, the use of interactive audio and video in English can enhance students' enthusiasm for learning and prevent students from having conflicts due to too boring teaching content. On the other hand, colleges and universities can innovate the curriculum implementation methods, through the use of a variety of English extracurricular activities, let students participate in all kinds of English competitions and practical activities. For example, the school can organize students to participate in English skill training and practice related to their major, so as to ensure that students can skillfully use English skills in practice. In addition, the school can establish an English tutoring website to share relevant learning materials and learning materials in the school intranet, so that teachers can conduct online teaching, question answering and interaction free of charge. In the Internet era, relying on websites for learning guidance is an indispensable part of teaching [5]. The diversity of online learning methods allows students to plan their learning direction and learning plan in a reasonable way according to their actual situation.

4.2. Construction of interactive network learning mode

After integrating computer and network technology into English teaching, the traditional teaching
mode will be broken [6]. In the classroom, teachers can play English movies and other English materials for students. After playing, students can freely exchange opinions with teachers according to their own learning experience. In traditional teaching, due to the limited classroom time, teachers have almost no extra time to exchange ideas with students. Through the bridge of computers, students can fully consolidate the knowledge they have learned in the classroom, and they can also express their understanding of learning to teachers more deeply. Teachers can adjust teaching methods to improve learning efficiency after learning about students' demands. For example, the school can build a network interaction platform for teachers and students, not only teachers can upload all learning materials in real time, but also students can download relevant materials by themselves, and complete online learning, questions and answers through new teaching software and tools. This way not only ensures the continuity of English learning, but also allows students to have more time to arrange their own learning plans.

4.3. Improving students' autonomous learning ability

There are obvious differences between college education and middle school education. Middle school education pays more attention to teachers' guidance to students, while college education requires students to cultivate good autonomous learning habits [7]. After constructing the integrated teaching mode and the interactive network learning mode, in order to cultivate the students' self-learning consciousness to the greatest extent, the school must make reasonable use of the advantages of computer and network technology and diversified teaching methods to tap the students' self-learning potential as much as possible. The integrated teaching concept brings students abundant learning resources and diversified learning means. Students can plan their own learning plans reasonably according to their own actual situation and independently carry out English learning in an easy environment. This method can not only expand students' horizons, but also improve students' interest in learning, thereby improving learning efficiency.

In order to test whether the innovative English curriculum teaching system constructed can effectively improve students' English learning level, 100 students are divided into four groups on average. Students in groups 1 and 2 are taught by the traditional teaching system, and groups 3 and 4 are taught by the new curriculum teaching system. After the end of the semester of study, the data statisticians collected the average scores of each group of students, and obtained the average English scores of students in each group as shown in the following table.

| Score/Numble         | Group 1 | Group 2 | Group 3 | Group 4 |
|----------------------|---------|---------|---------|---------|
| Average score of writing | 73.5    | 75.3    | 86.1    | 85.6    |
| Average score of speaking | 75.6    | 77.2    | 84.2    | 86.3    |

According to the data in Table 1, after one semester's study, the average scores of the first two groups of students are significantly lower than the average scores of the latter two groups, which shows that the new English curriculum teaching system based on the integration concept can improve the students' Comprehensive English quality to a certain extent.
5. Conclusion

At present, the requirements of enterprises for English talents are gradually increasing. In university education, traditional English teaching methods are too rigid, which limits the improvement of students' comprehensive English quality. In today's world, computer and network technology are developing rapidly. Universities should strive to achieve the integration of computer network technology and English teaching, and flexibly use various advanced teaching methods to build an integrated and innovative curriculum system, so that college graduates can have their own advantages in the fierce social competition.

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