Research on the Reform of College Public English Teaching Management Based on Computer Network

Liangyan Jia¹,*

¹Liberal Arts College, Yunnan University of Business Management, 650000, China

*Corresponding author e-mail: jialy@ynjgy.com

Abstract. Many universities offer public English courses. Today's society requires the continuous improvement of the level of English talents. The structure of Public English teaching management needs to be reconstructed. The teaching system of College English should be constantly strengthened and reformed. In order to meet the needs of today's social development, universities should also strive to cultivate applied English talents[7]. With the continuous progress of network technology, the research on the reform of Public English teaching management based on network has become a hot topic for scholars. This paper describes the characteristics of English Teaching under the network environment. Finally, this paper mainly describes the main strategies of teaching management reform.

Keywords: Computer, Network, Public English, Teaching Management

1. Introduction

In the process of today's social development, data information has become an effective way for people. Information intelligent system has become an indispensable part of our life. Network is an important product of the times. It improves the quality of our lives. It also improves the quality of people's learning. With the continuous progress of network technology, it has even caused an important reform of higher education. The trend of the society leads the direction of the network. In this case, the management of College English teaching must rely on the power of the network to complete the reform.

Many scholars believe that the traditional means of Public English teaching can no longer meet the needs of today's society. The combination of Public English and network teaching technology is an inevitable trend in the development of language education[3]. The teaching of network public English improves the level of education. Compared with traditional education, it has special advantages. Under the environment of computer network, the reform of public teaching management in universities needs special attention. This paper describes the challenges of English Teaching under the network environment (see Figure 1). This paper also describes the advantages of network teaching. Finally, this paper puts forward the Countermeasures of teaching management reform. I hope this article can provide some academic help to readers.

2. Analysis of the characteristics of College English Teaching under the network environment
2.1. Abundant teaching resources
There are many kinds of network data in our life. The network can provide a lot of resources for all aspects of our life. Nowadays, many English teachers' courseware can be found on the Internet. Many teachers' online courses can also be found on the Internet. We can find that the network of public English teaching resources are very rich. Students can make full use of English curriculum resources to learn knowledge independently.

2.2. Personalized teaching methods
In fact, online courses reflect the teaching method of interpersonal interaction. Compared with the traditional English teaching, online courses can more easily attract students' attention. The content of traditional courses is fixed. There is no obvious difference in the structure of each class. However, there are many kinds of online courses. It is more able to adapt to the students' psychology. Therefore, online English course can reflect the personalized teaching method.

![Figure 1. Public English teaching based on computer network](image)

2.3. Two ways choice of English teaching mode
Nowadays, many schools use multimedia technology to complete the task of Public English teaching. Teachers use multimedia technology to show the classroom content in front of students. Some students like the feeling of actual classroom teaching[4]. However, many students may be tired of teaching in class. They prefer online teaching. They think the Internet can help them learn a lot of English. Therefore, we can find that English teaching mode can be two-way choice.

2.4. The mode of hard autonomous learning
The mental state of college students is optimistic. Their psychology is relatively mature. They have a very strong sense of autonomy. Many scholars believe that college students have a strong ability to accept new things. They may need autonomous learning. In today's network teaching environment, college students' autonomous learning ability will be greatly improved. However, this kind of learning mode is also relatively difficult.

3. The challenges faced by the reform of College Public English teaching management under the situation of computer network

3.1. Restrictions on Teachers' status
In the traditional English teaching classroom, teachers mainly play the role of disseminator of knowledge. They are the core role of the classroom. Students are the receivers of knowledge. In the process of network teaching, computer takes the place of teachers. Its interaction with students has almost ignored the existence of teachers[5]. Teachers are no longer the main leaders of students. The core position of teachers is replaced by computers. The status of teachers is limited.

3.2. Quality problems of online courses
Although online courses have become the development trend of today's education, many teachers are not used to recording online courses. The quality of online courses recorded by many English teachers...
is very poor. They only finished the task of recording the course. They didn't try to enrich the content of the course. This leads to a lot of students do not like online classes. Students may think that the knowledge they learn in online classes is limited.

3.3. The system of final assessment is not clear
The traditional English course adopts the form of examination paper for final examination. After the popularity of online English teaching, teachers find that the final assessment system is not clear. Many English learning platforms do not even have a perfect final assessment process. Some English network platforms use online examination to assess students' knowledge level. However, there is no invigilation process for online examinations. Therefore, the quality of assessment is very poor.

3.4. The way of teaching management is immature
In reality, the teaching management of English course is relatively easy. It emphasizes the communication between teachers and students. It also emphasizes the relationship between school and English teaching. However, the emergence of network teaching has blocked this network. The traditional method of teaching management has been greatly impacted. In the new network situation, the way of teaching management is obviously immature. It is difficult to achieve perfect network management by human-computer interaction.

4. The advantages of College English teaching management reform under the situation of computer network

4.1. Student centered curriculum
Teachers can guide students to learn some professional English knowledge. However, this phenomenon is difficult to achieve in network teaching. The traditional public English teaching takes the teacher as the central role of the curriculum[6]. Teachers are the source of knowledge output. Students must follow the teacher's thinking in order to obtain relevant knowledge. However, in the process of network teaching, the computer has become the source of resource output. It can be completely student-centered.

4.2. The efficiency of English teaching has been improved
According to the data of the National Bureau of education, we find that many students' English scores are not ideal. According to the questionnaire survey of some schools, many students' English learning efficiency is very low. They don't seem to be able to master English learning skills. With the emergence of network teaching technology, many teachers publish a lot of English learning skills in the network. Through network learning, students' learning efficiency has been improved.

4.3. Faster resource sharing
We know that the transmission speed of network data is very fast. In the process of network teaching, the speed of information transmission also determines the speed of resource sharing. In the traditional classroom teaching, the number of multimedia teaching resources is limited. Moreover, it is difficult to import network resources into multimedia[10]. Teachers find some excellent teaching resources in the network. He can use some special software to share these resources with students.

4.4. Speed up the cultivation of students' autonomous learning ability
We find that there is a big difference between College English class and middle school English class. The main body of classroom teaching in middle school is indoctrination. What students need is the ability to receive teachers' knowledge continuously. In universities, students need to cultivate the ability of autonomous learning. Network teaching makes computer take the place of teacher. In the process of network teaching, students can more quickly cultivate the ability of autonomous learning.
5. Analysis of the main strategies of the reform of College English teaching management based on computer network

5.1. Renewal of teaching concept
In fact, the historical process of English Teaching in China has been relatively long. The old idea of English teaching has gone deep into people's mind[8]. In order to make the network public English teaching successfully complete the purpose of reform, the old teaching concept must be updated. The teacher centered classroom is no longer suitable for today's teaching form. In a word, the renewal of teaching concept is the performance of being responsible for students (see Table 1).

Table 1. A detailed analysis of the main strategies for the reform of College English teaching management based on Internet

| Strategy              | Primary coverage            | Main requirements                       |
|-----------------------|-----------------------------|-----------------------------------------|
| Teaching philosophy   | Network teaching idea       | Schools should renew their ideas         |
| Unique curriculum form| Enrich the course content   | Attract students' attention              |
| Course assessment     | Perfect assessment form     | Classroom (40%) and test (60%)           |
| Forced management     | Compulsive learning         | Help students control themselves         |

5.2. Establishment of characteristic curriculum system
If there is no difference between the content of online English course and that of traditional English teaching, students will still feel bored. Therefore, in the process of establishing the network public English teaching system, the school should help the virtual platform to establish a characteristic curriculum system. This unique teaching method can attract students' attention. Students can more easily enter the state of learning. In addition, excellent curriculum system can make the advantages of network teaching mode more obvious.

5.3. Perfect course assessment form
Although network teaching advocates the interaction between students and computers, the form of course assessment can not change at all. The final examination can use the combination of the scores of classroom performance and final examination[2]. Teachers observe students' learning state in the process of class. In addition, teachers can use the camera function to supervise the examination behavior during the final examination. This way can effectively avoid cheating.

5.4. Forced teaching management
The atmosphere of the traditional public English teaching classroom is more solemn. Students passively receive a lot of English content. Students' self-control ability is very poor. The effect of this kind of forced learning is remarkable. Therefore, we can apply this learning method in the process of online English teaching. If students can't learn online lessons as required, the network system will punish them instead of teachers.

6. The basic principles of the reform of College Public English teaching management based on computer network

6.1. Avoid the negative impact of the network
The Internet is a double-edged sword. It can not only provide students with a lot of teaching resources, it can also provide students with a lot of bad information. It can even affect students' emotions[1]. Therefore, in the process of setting up the network English teaching system, schools should avoid the negative impact of the network on students. The author suggests that we can set up the learning system as the youth model. This mode can automatically filter bad information.

6.2. Improve the quality of English Teaching
The quality of Public English teaching is very important. If the teaching quality of network course can
not reach the standard, it can not completely replace the traditional teaching. In addition, it is difficult for students to concentrate their energy when they are learning online courses. This leads many parents to think that the quality of online classes is questionable. Therefore, we must take improving the quality of network teaching as the basic criterion.

6.3. Humanized design principle
Schools should make it clear that the target of online English teaching is all college students. These students have a very cheerful mental state. They are more willing to accept new things. However, it is necessary to design a humanized network learning platform[9]. The school should consider the relevant problems of students' learning. The establishment of online English learning platform should be student-centered. This principle determines the main standard of network platform design.

7. Conclusion
There is no doubt that network teaching has a great impact on the traditional public English teaching. Many students and teachers are not used to this kind of teaching method. Therefore, we must complete the reform. In today's new era of network, we should strive to increase different ways of English teaching. This can help students better understand the content of English.

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