Research on the Optimization of College English Classroom Teaching under the Network Environment

Ye Yu *

DaZhouVocationaland Technical College，DaZhou 635000，Sichuan，China．E－mail：yuyeli1985@163．com

Abstract：Under the background of the Internet era，network technology is widely applied to all levels of society，which makes information－based teaching become a new mode of modern education．With the help of the network environment，the university classroom is more and more diversified，which subverts the traditional classroom teaching mode，and makes the quality and efficiency of classroom teaching significantly improved．Based on college English classroom，this paper discusses how to optimize college English teaching by using network resources，and truly realizes the development of information－based teaching．

Keywords：Network Environment；College English；Classroom Teaching；Optimization

1．Introduction

With the rapid development of modern information technology，information－based teaching has obvious advantages of high efficiency，flexibility and convenience．Especially in college English class，the integration of information－based teaching has become the focus of the teaching reform of this course．At present，the Internet based information technology has been gradually applied to various disciplines．With the help of perfect multimedia teaching technology and cross platform sharing resources，the college English classroom teaching environment and resources are optimized to a great extent，which promotes the diversification of English classroom teaching forms，the virtualization of teaching environment，the enrichment of teaching resources，and the students' autonomous learning．Therefore，how to make efficient use of network resources and environment to promote informatization to better serve college English classroom is worth every college English teacher's careful consideration and in－depth exploration．

2．The basic principles of optimizing college English classroom teaching under the network environment

At present，college English classroom teaching mode is single，and content is boring，so that students' interest is not high，and teaching effect is not ideal．Through the network information teaching，we can get rid of the disadvantages of traditional teaching，and change the shackles of exam oriented teaching，so as to promote the diversified development of English classroom，realize the optimization reform of college English teaching，and let students get a new learning experience．With the help of multimedia teaching form，it can give students a fresh audio－visual feeling，arouse students' interest in learning，and achieve good classroom teaching effect．Therefore，teachers should conform to the modern education mode，build an information－based English classroom with the help of the network environment，enrich their own teaching experience，improve their comprehensive teaching ability，and effectively help students improve their English learning efficiency：

2．1 Optimization teaching principle

In the theory of optimization teaching，optimization teaching requires a comprehensive and systematic view of the whole teaching process．In the college English teaching system，all the contents and teaching elements are related．Teachers should demonstrate the optimization principle of teaching from the perspective of integration，

and select the best teaching content, teaching methods, teaching means and forms, so as to form the optimal teaching structure. College English course is highly practical, which requires students in all aspects of English listening, speaking, reading, writing and translation. In order to achieve the optimal teaching process and efficiency, teachers should be able to design and organize teaching activities with the full help of the network environment, make good learning arrangements for students, and choose reasonable teaching methods and means, in order to promote the formation of the optimal combination of teaching modes; Second, teachers should adopt the optimization principle from the change of teachers' role, the choice of students' autonomous learning mode, the arrangement of learning strategies, the design and selection of network platform, curriculum setting, assessment and evaluation, teaching resources and other aspects, to realize the optimal teaching effect.

2.2 The principle of autonomous learning

Autonomous learning is a kind of self-learning mode with accumulation and goal orientation. At present, the students' autonomous learning emphasizes the macro-control and guidance by colleges and universities and teachers on the overall teaching objectives, which is promoted by the organic combination of educational policy, teachers' guidance and intervention, and students' active autonomy. In college English classroom, students, as the main body of learning, must change from passive knowledge acceptance to active knowledge acquisition, so that students can form their own language learning framework and knowledge system, and then play their subjective initiative under the guidance of teachers. Teachers should create a good autonomous learning atmosphere for students, guide students to actively play their potential learning thinking, questioning and inquiry analysis ability, and help students better improve the correct learning concept and values, so as finally to form a set of comprehensive and effective learning methods and strategies, and form a good habit of lifelong autonomous learning.

2.3 Interactive teaching principle

The principle of interactive teaching means that under the network environment. College English classroom teaching should achieve a comprehensive and multi-level interactive mechanism of teacher-student interaction, student-student interaction and human-computer interaction. In the actual teaching, more emphasis should be placed on the two-way flow and multi direction of information processing, and the synergy of information communication. College English is an important subject of language knowledge, and the input and output of all languages must be based on practice and interaction. Interactive communication is the core element of language teaching. It is conducive to the construction of discourse platform between teachers and learners, between learners and learners, in order to promote language listening and speaking, improve the storage of language knowledge for students, and improve the understanding of the language system. In particular, the emergence of micro class, MOOCS, rain class and so on has effectively improved the mode of college English teaching, promoted the classroom interaction and the utilization of network resources to a greater extent, and helped teachers and students to communicate and learn freely in an open, virtual and simulated network environment.

3. Optimization strategies of college English classroom teaching under the network environment

3.1 Constructing the teaching mode of students first and teachers second

Under the network environment, the primary goal of college English classroom teaching is to change the traditional positioning mode of teachers and students, so that students become the main body of the classroom, and teachers become the guidance of teaching, which will be more conducive to the realization of efficient classroom, harmonious interaction between teachers and students, and positive communication. In the process of optimizing classroom teaching, teachers should adhere tothis principle. At the same time, the content of classroom teaching should not be limited to textbooks. It should integrate the modern social elements of language, so that students can have the opportunity to choose the learning content and learning form independently, and fully show the dominant position of students in the classroom. It should be noted that the teacher, as the guide of classroom teaching, is not to let go; On the contrary, teachers should guide and improve students' learning performance to help them optimize their knowledge content and learning methods. After all,

each student's English learning level is not the same, and their English learning foundation also has its own level, so teachers need to coordinate and formulate a set of teaching methods that are most suitable for students.

3.2 Creating a good learning situation

Although students have been exposed to English learning for a long time, it is not enough to make students really like English. Many students learn English just to cope with the college entrance examination. Therefore, in college English class, in order to effectively help students improve their learning efficiency, teachers should first let students have interest in learning English, so as to better stimulate students' autonomous learning. Before learning the new curriculum, teachers can use the network platform to build situational teaching mode, which is more suitable for the teaching content and scene. College students grow up in the network environment, they have advanced ideas, strong acceptance ability, and they have a certain insight and experience. Teachers innovate teaching mode and content through network information technology, which is more suitable for students' personalized learning characteristics and stimulates students' learning desire. In the construction of teaching content, situational teaching not only needs to be supported by pictures and texts, but also needs to add corresponding video, audio and animation to assist students' interests.

3.3 Strengthening the investment of teaching equipment and supplement the allocation of technical personnel

In network teaching, the application of network information technology needs a large number of teaching facilities and equipment as support. At the same time, the maintenance and operation of these teaching facilities and equipment also need to invest the corresponding human and material resources. Massive information－based teaching resources need to build a resource library and carry out regular maintenance and management of computers, especially to ensure the security of network applications and avoid the invasion of network viruses and hackers. Therefore, when using the network environment to carry out college English teaching, both teachers and students need to strengthen the awareness of full prevention of network, and avoid using external devices as much as possible for using network teaching platform to carry out learning.

3.4 Integrating network teaching resources

In college English class, the integration of teaching methods and network technology can optimize, integrate and utilize the information－based teaching resources. Combined with the actual learning needs of students and teaching development, we should follow the principles of practicality, convenience, construction and sharing in the design of teaching resource database, so as to maximize the advantages of university information resources, and provide a good teaching exchange platform for teachers to further optimize and improve the teaching mode.

4. Conclusion

Under the network environment, college English classroom teaching breaks through the disadvantages of the traditional teaching mode, which makes college English classroom change the teaching concept, replace the teaching role, and enrich the teaching content and diversify the teaching means. The rational use of network information technology has become the best way for students to learn English and train language application. Students can quickly and efficiently improve their self－study level and language learning efficiency through information technology.

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