

A Study on Students' Autonomous Learning Ability Based on Network Multimedia English Teaching Mode

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[**Abstract**] The effective integration of network multimedia technology and educational and teaching activities is an inevitable requirement to improve the quality of education and teaching at present. The current application of network multimedia technology in English teaching makes its teaching mode diversified under the influence of multimedia technology and communication. Moreover, the application of media technology is helpful for teachers to help students build autonomous learning situations, which is of great significance to enhance students' autonomous ability. Together with the characteristics of network multimedia, the college English teaching mode should be changed by making full use of the characters of vivid, intuitive and interactive advantages of network multimedia technology to strengthen students' autonomous learning ability, to stimulate and help students to accumulate interest in English learning, to guide students to master certain English learning strategies, to establish a learning database, to organize cooperative learning and to carry out various evaluation methods.

[**Key words**] English specialty; network multimedia; teaching mode; autonomous learning ability

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Under the effective application of network multimedia technology, the teaching modes and methods for English majors at colleges are becoming more and more diversified. For the optimization of multimedia teaching mode, the significance of teaching for English majors lies in the fact that multimedia technology effectively improves students' quality and efficiency of learning and strengthens the interaction between teachers and students. At the same time, multimedia technology changes the classroom teaching mode of English majors, and creates a good autonomous learning environment for students as they are at the main body positions in classroom. At present, the traditional offline English teaching mode is unable to meet the demand for compound English talents in the future social development. Therefore, only by fully exploiting students' learning motivation and active creativity, and giving full play to the special attributes of interactive communication in English learning, can we create favorable conditions for improving the quality of English teaching. Based on this, this study will explore the effective strategies to enhance the autonomous learning ability of English majors, with a view to the characteristics of network multimedia teaching.

1 Concept of autonomous learning

Compared with the traditional passive learning mode, autonomous learning, as a new modern learning concept, emphasizes students' main body positions in classroom, guides the students to allocate their time rationally, and combines their learning ability and interests in conscious learning behaviors such as reading and listening to lectures, communicating, and imitating the intonation and tone, so as to enhance their learning effect. Specifically, autonomous learning requires students' positive attitude towards learning, support of the external environment and students' autonomous learning ability. Therefore, autonomous learning requires students to have a positive attitude, learning autonomy and enthusiasm, and to be confident in their own learning ability. At the same

time, teachers should create a good learning environment for students to make full use of the language materials and relevant subject trends provided by teachers and multimedia technology. The optimization of teaching equipment and facilities will also enable students to make full use of their autonomous learning ability in English learning. Finally, autonomous learning requires students to have certain ability in formulating learning strategies to reach the basic goals of autonomous learning.

2 Characteristics of network multimedia teaching

2.1 Vivid

Exploring students' interest and motivation in learning is the key to effectively enhance their learning. Language system in network matches with students' cognitive habits and interest orientations, making network multimedia teaching an important mode for innovation in education and teaching activities. The application of network multimedia technology in teaching process has changed the traditional inflexible language teaching, which solely relies on textbooks and teaching materials. The teaching classroom becomes more vivid and interesting due to this technology, through which students can observe the vivid world intuitively. Through display of multimedia animation and audio, teachers can provide students with richer learning resources, and create a better teaching environment for them.

2.2 Intuitive

The essence of network multimedia teaching mode is to use network platform as a carrier for knowledge dissemination and sharing. In the network multimedia teaching mode, the role of teachers has changed. They play an important role as a guide, who adhere to the main body position of students in classroom, and guide them to explore and learn autonomously. The network platform allows students to learn more intuitively, as knowledge and information they want to know can be found through network. At the same time, the use of multimedia technology for information output has an important value to enhance the overall quality of students. In addition, the diversity of network resources can also meet the diverse interests of different types of students.

2.3 Interactive

The network multimedia teaching mode has a certain promotion effect on strengthening the interactive learning and communication between students and teachers. Firstly, due to the diversified characteristics of network resources and the differences in students' views, they will have different opinions towards different resources, which will affect their learning interests. Therefore, teachers can set up interest groups with a view to the interests of different students. In this way, a group of like-minded students can interact with each other in the network environment and make progress together to improve their learning quality. Secondly, strengthen the interaction between students and teachers. Interaction between teachers and students should not only be limited to the classroom discussion, but also focus on effective communication between teachers and students outside the classroom. The network platform enables the real-time communication between students and teachers, through which students can communicate with teachers for problems encountered in the self-exploration process, and teachers can provide targeted solutions to the key problems. It's important to effectively implement students' autonomous learning status, and improve their efficiency of learning. Thirdly, the interaction between students and network. The abundance of network resources makes them vary in qualities. Students can express their own ideas and insights of certain issues based on Q&A network platforms, while the enhancement of their autonomous learning ability can effectively help them to solve learning problems.

3 Countermeasures to improve students' autonomous learning ability in English under network multimedia mode

3.1 Explore and accumulate students' learning interests

The enhancement of students' autonomous learning ability cannot be achieved overnight, but requires teachers to provide them with a good learning environment through systematic teaching guidance and interest exploration.

The change of teachers' teaching concepts is conducive to their understanding of students' learning rules and interests. Through the use of rich and diversified network multimedia teaching means, with a view to different students' growth and personality characteristics, personalized and differentiated network teaching plans can be formulated. Therefore, firstly, the optimization of teachers' teaching mode should focus on stimulating and cultivating students' autonomous learning ability; secondly, teachers' teaching content and program design should meet the needs of cultivating and enhancing students' autonomous learning ability, fully exploring students' learning potential, and helping them to accumulate learning interest. Based on this, only by cultivating students' interest and initiative in English learning can the basic goal of teaching for English majors under the network multimedia mode be realized. The effective penetration of network multimedia in people's daily life, study and work makes it play an important role. Currently, the penetration of multimedia technology in the teaching for English majors makes the abstract teaching content more concrete and intuitive. The improvement of classroom atmosphere makes students participate in the classroom interaction autonomously, thus realizing the exploration of their interest and motivation in learning, and the enhancement of their autonomous learning ability through continuous accumulation.

3.2 Master language learning strategies

Only by mastering certain language learning strategies and skills can students effectively improve their English proficiency. In terms of teaching for English majors, teachers should pay attention to the comprehensive improvement of students' language strategies such as communication strategies, listening skills, writing skills and reading comprehension. Therefore, in the process of daily English teaching, teachers should take into account students' acquisition and knowledge foundation of English to carry out targeted and differentiated teaching for language learning strategy, and guide students to carry out effective self-supervision and self-evaluation. At the same time, in the process of students' autonomous learning, teachers should offer them personalized and humanistic care. Through the cognition and application of language learning strategies, students can understand and accumulate English knowledge through daily practice, so that they can acquire a strong sense of achievement and satisfaction, and then improve their autonomous learning ability. In addition, through autonomous English learning, students will accumulate a lot of positive energy, which will stimulate their enthusiasm and interest in learning, thus generating better teaching effects.

3.3 Establish learning database

The teaching environment and conditions of English majors under the network multimedia teaching mode have been greatly optimized, laying a good foundation for students' effective autonomous learning. Students can expand their knowledge and thinking by utilizing the rich learning resources on the Internet. Therefore, teachers can set up learning databases taking into account the different learning abilities of different students. Teachers can also set up a WeChat official account for the English teaching classroom, where teachers post teaching content, subject trends and hot issues, so that students can read and understand them autonomously. In addition, the school can also set up multimedia self-learning experience teachers, post content related to English teaching on the campus network platform, and upload relevant network multimedia teaching courseware and classified information to the web page, so as to create a favorable environment for the students to carry out autonomous learning. At the same time, teachers can also make use of the software such as DingTalk, Ketangpai, Pigai and Haoce to post English learning materials, assign homework and monitor the effect of autonomous learning.

3.4 Organize cooperative learning

The application of cooperative learning is an inevitable trend in the future development of English teaching. The key to cooperative learning is to guide students to set up study groups. Through a clear division of responsibilities, the study problems can be completed together to improve students' ability to explore and learn, and ability of cooperation and unity. Cooperative learning mode is conducive to encouraging students to realize their

personal values through teamwork. With the increase and enrichment of individual knowledge and the establishment of students' thinking perspective and discipline theory system, the cooperative learning mode can promote students to help each other and make progress together, which can effectively stimulate their divergent and creative thinking. Students express their own views, and draw on and summarize the opinions of others, which is especially important for guiding them to think autonomously, and improving their professional core qualities in English.

3.5 Teaching assessment

Effective teaching assessment is conducive to the cultivation and enhancement of students' autonomous learning ability. Therefore, in the process of teaching assessment, teachers should pay attention to the assessment of process, which requires them to conduct regular assessment of learning activities and behaviors in stages based on the teaching objectives, and to summarize effectively based on the feedback of students' learning effects, instead of adopting the previous way of evaluating their learning effects by their final examination results. For students of open education and network education approved by Ministry of Education, teachers play the role of guide in their learning process, and the improvement of their learning effect depends on the effect of autonomous learning and the support of their comprehensive learning ability. The establishment of a scientific and reasonable teaching assessment system is conducive to the improvement of students' autonomous learning ability. Teachers can monitor students' learning situation in real time based on the results of teaching assessment, at the same time, teachers can guide students to go through a certain stage of autonomous learning and carry out effective self-assessment to check the deficiencies and to solve the problems in a timely manner. As a result, the sense of achievement and satisfaction that students acquire in the process of autonomous learning becomes higher. In addition, the assessment of process is diversified. Students' classroom performance, online learning process, and group cooperative learning can be used as important indicators of teaching assessment.

4 Conclusion

In conclusion, the development of network multimedia technology has made the connection between English teaching in colleges and network multimedia technology an inevitable trend in the development of English specialty. English teachers can make full use of the advantages of multimedia technology and its outreach to help students build autonomous learning and create conditions for the cultivation and enhancement of their autonomous learning ability. Therefore, English teachers should actively innovate and optimize the teaching mode and content, and guide students to learn to use the rich English learning resources and materials on the network, explore and learn related knowledge on their own, timely communication with teachers, and then enhance the efficiency of their English learning.

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