Research on the integration of environmental protection concepts in Contemporary College English Teaching under the online and offline mixed teaching mode

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Abstract. With the in-depth development of information technology, in the field of education and teaching, teaching ideas, teaching methods and teaching models have ushered in an important opportunity for development and innovation. The emergence of online learning mode has greatly enriched students' learning ways and simplified the learning process. The application of online and offline hybrid teaching mode in College English teaching can better give play to the advantages of online teaching resources and the interactive advantages of offline teaching, help to improve the quality and effect of English teaching, and also provide assistance for the integration and development of environmental protection concepts. Combined with the advantages of the current online and offline hybrid teaching mode, this paper analyzes the significance of integrating the concept of environmental protection into College English teaching from the two aspects of feasibility and necessity, and deeply analyzes the practical problems existing in the integration of the concept of environmental protection in College English teaching, and puts forward corresponding integration strategies, hoping to better enhance students' awareness of environmental protection and better serve college English teaching.

Keywords: Online and offline mixed teaching mode; College English; Environmental protection concept; Fuse

1   Introduction

With the continuous interactive development of "Internet+" and all walks of life, major changes have taken place in people's life, study, work and other fields, especially in the field of education. The intervention of the Internet has made great changes and adjustments in teaching resources, teaching modes, teaching concepts and teaching methods [1-2]. The online and offline hybrid teaching mode, which combines traditional offline teaching with online network teaching, is of great significance to improve the quality of students' learning and help students' autonomous learning [3-4].

2   An overview of online and offline hybrid College English teaching mode

2.1   Definition of online and offline hybrid English teaching mode

Online and offline hybrid teaching is based on information technology and Internet technology, combining online network teaching with offline classroom teaching. This teaching mode can effectively break through the limitations of time and space in traditional teaching [5-7]. Compared with the traditional single offline teaching, online and offline hybrid teaching can expand teaching resources and enrich teaching channels (Table 1). At present, in the field of higher education and teaching in China, the online and offline hybrid teaching mode has gradually become the mainstream. For example, "superstar" network teaching platform, teachers can make the teaching process more vivid through the simple and easy-to-use curriculum design module; Students can participate in teaching activities anytime, anywhere and on demand on multi terminal devices; The teaching managers can grasp the teaching dynamics and provide support for the teaching reform through the analysis of big data. In less than two years, the number of teachers using the platform has exceeded 200, the number of students has exceeded 20000, and more than 400 courses have been opened.

Table 1. Online and offline mixed College English teaching mode

Stage	Content
Pre-phase Analyses	Analysis of teaching objects, teaching objectives, teaching contents and teaching equipment
curriculum design	Teaching resource design and teaching strategy selection
Curriculum implementation	Face to face classroom+online learning
curriculum evaluation	Evaluate teaching resources, teaching effect and teaching implementation

2.2   Characteristics of online and offline mixed English teaching mode

The online and offline hybrid teaching mode attaches great importance to the initiative of students' learning and the diversification of teaching. Under the previous teaching mode, the teacher, as the leader of the classroom, the students' initiative in learning is not strong, and even some students are difficult to keep up with the teacher's teaching progress, which is easy to cause weariness. The online and offline hybrid teaching mode can be implemented from three stages: online preview before class, offline learning in class and independent review after class, which is conducive to highlighting the dominant position of students' learning and better giving play to students' subjective initiative.

2.3   Advantages of online and offline mixed English teaching mode

2.3.1 Promote the updating of teaching contents and means.
Compared with a single offline resource, online teaching has more abundant teaching resources. As an important medium for transmitting information, the Internet can greatly shorten the time interval of information exchange and provide technical support for the storage of a large number of resources. Under the online and offline hybrid teaching mode, teachers can comprehensively use teaching methods such as micro class and MOOC, which can better meet the needs of students' hierarchical teaching. In addition, the teaching mode of combining online and offline is adopted. Especially in English teaching activities, teachers can organize students to punch in and practice English words after class. With the help of online English learning app, students' learning effect and learning situation can be effectively monitored, and students' learning enthusiasm can also be stimulated.

2.3.2 Promoting teaching efficiency.
Under the online and offline hybrid teaching mode, the interaction between teachers and students has been greatly improved. In the past, in College English teaching activities, teachers only used a relatively single teaching mode offline or online, which is not conducive to the effect. The combination of the two into College English teaching can improve the effect of teacher-student interaction, help teachers to deepen the understanding and grasp of students' learning situation, and then help teachers to optimize teaching content. At the same time, the rich online teaching resources and broad communication platform can also help teachers' professional growth.

For English teaching, daily accumulation is highly emphasized. In College English teaching, English is mostly a public course, and the hours arranged are limited. It is difficult to effectively guarantee the teaching effect only by classroom teaching in English learning. While combining online and offline, the pre class teacher pushes the corresponding preview materials on the online platform, organizes students to preview before class, and completes the corresponding preview detection. After class teachers, combined with the teaching situation of this class, arrange corresponding after-class homework and exercises. After students complete the test, the test results are fed back to the teacher, so as to help teachers optimize and adjust teaching efficiently (Table 2).

Table 2. Online and offline hybrid teaching mode assessment scheme

Score distribution	Usual performance (30%)		Final exam (70%)
	Process assessment	Achievement assessment	
Assessment form	In class observation	Stage acceptance	Final exam
Assessment content	Task activity performance	Actual completion	Comprehensive ability

In addition, under the mixed teaching mode, some students, especially those with poor foundation, can watch repeatedly after class with the help of teaching resources on

the online platform, which is conducive to improving the teaching efficiency of teachers.

3   Analysis of the significance of the integration of environmental protection concepts in Contemporary College English Teaching

Integrating the concept of environmental protection into College English teaching can give better play to the humanistic advantages of English teaching, help to guide and demonstrate students, enable students to truly understand the significance of environmental protection, identify with environmental protection in concept, and practice environmental protection in behavior. Integrating English teaching with environmental protection awareness can play a 1+1>2 fusion effect. From the perspective of the development requirements of the current era, College English teaching should be reformed and optimized, and the content should be updated according to the needs of the development of the times. Integrating environmental protection consciousness can cultivate high-quality talents with environmental protection concept and practice, and better meet the trend and requirements of green cycle and low-carbon development. Integrating the concept of environmental protection into College English teaching can give full play to the communication and influence of English teaching as a public course, and can improve students' Comprehensive English level.

4   The integration of environmental protection concepts in Contemporary College English Teaching

4.1   Teachers' traditional teaching idea is deeply rooted

In the process of applying the online and offline hybrid teaching mode, teachers' teaching ideas will have a significant impact on the teaching effect. Influenced by traditional ideas, some teachers' thinking is relatively old and conservative, and they do not update their teaching ideas in time. They are relatively rigid in the selection and application of teaching modes, unwilling to adopt online teaching, or have insufficient recognition and application of online and offline hybrid teaching, This will also affect the implementation effect of online and offline hybrid teaching. In addition, although some teachers realize the importance of blended teaching mode, due to the limitations of traditional examination oriented education thinking, they do not really highlight the dominant position of students in teaching, and still take teachers as the dominant role in the classroom. This will limit the improvement of English teaching effect and is not conducive to the implementation of the educational requirements of the new curriculum reform.

4.2   Inadequate implementation of teaching integration

The online and offline blended teaching mode provides important development support for the integration of environmental protection into College English teaching. However, in the actual implementation process, some teachers' integration of course content and environmental protection awareness is too rigid, and the teaching form is boring, so they do not give full play to the advantages of hybrid teaching. In terms of teaching content, they copy the course content and environmental protection concept mechanically, which has the problem of two skins. In addition, they act too firmly when designing teaching activities, and the content is too single, which will affect the integration effect, and then affect the teaching effect.

4.3   Students' low initiative in participation

Under the online and offline blended teaching mode, the integration of College English teaching and environmental protection concept needs teachers to give full play to students' dominant position and their enthusiasm and initiative. Teachers should abandon the previous teacher centered teaching mode and give full play to students' initiative. However, in the actual implementation process, some teachers still carry out teaching design according to the previous teaching rhythm, although they seem to adopt the online and offline mixed teaching mode. Students do not really become the main body of learning, or because the curriculum design is boring, students' enthusiasm to participate in classroom practice is insufficient, which will affect the learning effect.

5   The integration of environmental protection concepts in Contemporary College English Teaching

5.1   Innovate teachers' environmental protection teaching philosophy

5.1.1 Reasonable selection of teaching materials.

In the process of integrating the concept of environmental protection into College English teaching, teachers should start from the teaching content and reasonably select the appropriate teaching materials. The choice of teaching materials is related to teachers' subsequent teaching ideas and whether the teaching process can be effectively carried out. For English teachers, we should give full play to the advantages of online and offline mixed teaching in the selection of teaching materials, and more fully meet the diversified teaching needs. Teachers need to combine specific teaching contents to explore the advantages and characteristics of blended teaching. For example, in the online preview stage, teachers can push environmental protection related articles in the economist, China Daily and other magazines for students to expand students' horizons. At the same time, combined with the specific articles in the textbook, lead the students to carry out pre class preview. In offline classroom teaching, teachers should focus on combining the contents of the textbook to explore the environmental protection elements, such as whether the deeds of the protagonists in the textbook reflect environ-

mental protection, whether the protagonists' life background is related to environmental protection, and whether there are specific measures related to environmental protection in the text. Teachers should be good at finding potential environmental protection elements in textbooks and extracting them to enrich teaching content.

5.1.2 Integration measures based on textbook selection.

After selecting appropriate textbooks, teachers should analyze and sort out the textbook system, and do a good job in resource mining in combination with the content closely related to the theme of environmental protection in textbooks. For example, teachers can take textbooks as the core, collect video courseware related to environmental protection, and lead students to fully grasp and understand the key and difficult points in teaching. Teachers can also combine online software, such as dubbing show and English dubbing software to enhance students' enthusiasm for participation. In order to further mobilize students' initiative, teachers can lead students to conduct in-depth discussion, thinking and summary in the form of role play, debate and other forms, with environmental protection as the theme. When choosing integration measures, teachers should pay attention to the unity with the online and offline hybrid teaching mode. For example, the design of online preview content should reflect a certain generality, highlight the key and difficult points of classroom teaching, highlight the complementarity of online and offline resources in classroom teaching, and pay attention to the extension of classroom teaching content in the consolidation after class.

5.1.3 Provide training opportunities for teachers.

In College English teaching, the application of online and offline hybrid teaching mode has higher requirements for teachers' teaching ability and professional quality. In the process of Integrating English teaching with the idea of environmental protection, teachers also need to have innovative thinking, broaden their horizons, and have good learning ability and the ability to accept new things. In this regard, colleges and universities should give teachers full learning and training opportunities, so that teachers can better adapt to the educational requirements of the mixed teaching mode. For example, teachers can enhance communication and cooperation among teachers through collective lesson preparation. Schools can also invite teachers with rich mixed teaching experience to share experience and experience with other teachers. Through mentoring, teachers' mixed teaching ability can be improved. In order to encourage teachers' self-progress and self-growth, schools can organize and carry out mixed teaching evaluation, further mobilize teachers' learning and application of mixed teaching mode, and help teachers more flexibly and fully grasp the educational requirements of mixed teaching mode.

5.2   Innovation of College English teaching methods

In the teaching process, teachers should pay attention to the optimization of teaching methods, coordinate the application frequency and degree of online and offline teach-

ing methods, and ensure the balance of online and offline teaching. When integrating the concept of environmental protection into College English teaching, teachers should pay attention not to rely too much on online teaching or offline teaching, and should have a more comprehensive and clear understanding of the online and offline hybrid teaching mode, and grasp the degree.In terms of the curriculum system, teachers should pay attention to match the students' English learning level, especially for English subjects, the improvement of their grades is gradual. In the online and offline hybrid teaching mode, although it can more fully meet the learning needs of students at different levels, teachers should still pay attention to the design of hierarchical goals in the curriculum system. Especially for some students with poor learning foundation, although online preview and after-school review can help them make up for their shortcomings, teachers should pay attention to the gradient of content setting, so that students at all levels can gain and grow from it.

Integrating the concept of environmental protection into College English teaching requires teachers to highlight the theme of environmental protection and combine the ecological consciousness in environmental protection. In the course design, it is also necessary to highlight the systematicness and overall situation. It is necessary to create an ecological course to lead students to have a fuller awareness and recognition of environmental protection awareness and environmental protection work, and to be able to truly implement environmental protection requirements and truly bring environmental protection awareness into mind with the help of the study and practice of the ecological course. Practice is an important way to improve students' learning enthusiasm and test students' learning effect. In College English teaching, teachers can carry out some practical activities with the theme of environmental protection, such as paper competition, debate competition, speech competition, etc., organize students to fully participate in them, and enhance students' comprehensive ability, improve ability and strengthen cognition in practice.

5.3   Improve students' participation initiative

Under the online and offline hybrid teaching mode, teachers should give full play to the respective advantages of online teaching and offline teaching, further improve students' learning initiative, and enhance students' enthusiasm for participation. In this regard, teachers can make comprehensive use of Internet technology, combined with MOOC platform and wechat resources to carry out teaching in the form that students like. For example, teachers can use wechat group, QQ group and other communication platforms to push reading materials related to environmental protection knowledge for students, or lead students to understand the latest events in the current international environmental protection field, so as to further broaden students' knowledge horizons, Guide students to achieve cumulative learning in fragmented time.In addition to the first class, the second class after class can also play a good leading and exemplary role for students. Teachers can organize students to carry out the practice of environmental protection theme in combination with social practice activities, campus practice activities, community activities, etc., and lead students to better learn, verify and apply knowledge, so as to further enhance the learning effect of students.

6   Summary

The application of online and offline blended teaching mode in College English teaching requires teachers to re integrate teaching contents, constantly update teaching methods, innovate teaching concepts, and enhance students' enthusiasm and initiative in learning in combination with the actual needs of the current education reform. For schools, we should pay attention to the growth of teachers, provide training opportunities for teachers, help teachers master and use blended teaching mode more flexibly, and make it play its due value in English teaching.

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References

1. Yang Rongjing, Wang Jiahe. Application of online and offline blended teaching mode in Advanced English course of local colleges. overseas English, 2022 (20): 123-124
2. Pan Ying. Application of online and offline mixed teaching mode in College English writing teaching. campus English, 2022 (26): 40-42
3. Zhou Xing. Application of online and offline blended teaching in College English teaching. science and education guide, 2022 (15): 142-144
4. Liulili. Application of online and offline blended teaching mode in College English teaching design. overseas English, 2021 (18): 151-152
5. Zhangxiange. Research on the application of online and offline mixed teaching mode in College English teaching. campus English, 2021 (35): 101-102
6. Pandonglei. College English ideological and political teaching under the online and offline mixed teaching mode. campus English, 2021 (27): 25-26
7. Wang Yan. Research on the application of online and offline mixed teaching mode in Higher Vocational Tourism English teaching. overseas English, 2021 (11): 81-82