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The Influence of Online Teaching on the Transformation of College Classroom Teaching

ZhengWei, Ramir S. Austria

University of the Cordilleras

Abstract: *The university classroom is the main position to train high-quality talents. Facing the demand for high-quality and innovative talents brought by the rapid development of the world economy and information technology, the university classroom teaching must be changed in time. The outbreak of the novel coronavirus epidemic has forced the traditional face-to-face teaching to be replaced by online teaching for a long time, thus bringing unprecedented opportunities and challenges to the transformation of university classroom teaching. Based on the research on the influence of online teaching on the transformation of university classroom teaching, this paper discusses the influence of online teaching on the transformation of classroom teaching and the challenges encountered. Use qualitative research methods to study. Through the research, it is found that online teaching has an impact on the transformation of classroom teaching, and can promote the transformation of university classroom teaching.*

Keywords: online teaching, transformation of college classroom, teaching, influence, university

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Research background

With the rapid development of the world economy and digital information, people's life style and knowledge concept are constantly changing. Knowledge is no longer eternal in the traditional sense, but is constantly changing, so every individual needs to constantly reconstruct their own knowledge system. The change of The Times not only affects individuals, but also encourages talents to change to the direction of exploration, practice and innovation. College classroom is the forefront of talent training, shouldering the arduous task, must keep up with the pace of the development of The Times, timely training for the country and society needed for all-round development of talents.

The traditional "teacher-led" teaching mode in colleges and universities, namely the so-called mechanical "cramming teaching", excessively emphasizes the status of teachers in the classroom, teachers control the whole classroom and the whole teaching process, inhibits the play of students' subjective initiative, the lack of vitality in the classroom, kills students' enthusiasm for learning, and makes them lose interest in "class". They completely lose their ability to judge knowledge, learn and innovate, which restricts their individuality and hinders the improvement of students' comprehensive quality and the development of education. Although this teacher-centered teaching model played an immeasurable role in China in the 1980s and achieved good results in a certain period of time, and students once gained a relatively complete

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knowledge system, today, with the rapid development of digital information, the shortcomings of this classroom teaching model are also obvious. Therefore, the traditional classroom education model has been unable to adapt to the development of modern economy and the needs of students, so it is urgent to transform classroom teaching to adapt to the development of The Times. Only through the transformation of classroom teaching can colleges and universities cultivate high-quality talents needed by the society, and the society can develop stably and sustainably.

The development of educational information technology gives birth to "online teaching", which enables the teacher and the taught to truly realize the dialogue across the space, and is not limited by time and space, can receive education anytime and anywhere. Despite its convenience, it has always been regarded as a useful supplement to offline teaching. Until the outbreak of "novel coronavirus" in the world in early 2020, higher education was also hit hard. In order to slow down the spread of the epidemic and control and reduce the probability of being infected by the virus as much as possible, universities around the world have turned to online teaching. Such a large-scale global suspension of offline teaching is rare in history. It is a severe test for the field of education, a test for the level of education informatization in various countries, as well as an innovation and exploration for further deepening the reform of university classroom teaching, which will play an immeasurable role in the future development of national higher education.

The influence of online teaching on classroom teaching transformation

This study selects ten students and five teachers from five secondary colleges in a university to conduct targeted interviews, and finds that online teaching has an impact on the transformation of classroom teaching, which has become a consensus of all countries in the world and has a revolutionary impact on the transformation of classroom teaching. It is reflected in the following aspects:

1. Online teaching has a great impact on traditional teaching values and teaching models

Traditional teaching emphasizes "teacher's subjectivity". In class, teachers mainly explain and students acquire knowledge as the main purpose. Teachers are mainly responsible for conveying knowledge to students, while students passively accept knowledge and practice mechanically and repeatedly after class. Therefore, under such a value orientation, for a long time, the "test what, teach what; The fixed thinking mode of "learn what you teach", "I teach what others teach", "I teach what I receive the education is how I teach", influenced by this value and thinking mode, the teaching behavior shows the characteristics of "teacher teaching as the center", "teacher is the authority of knowledge". This approach is direct and simple, and completely ignores students' understanding and internalization of knowledge, as well as their thinking development and individual differences. Due to the long-term restrictions of social conditions and the influence of traditional cultural views, students can only passively accept such

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"ignored" situation. However, with the advent of the information age, the students known as "digital natives" are very different from the students in the past in terms of cognition, thinking and behavior. They are used to exploring everything in the network world, and like to express themselves and personalities. Faced with groups with such characteristics, it is obvious that the traditional classroom teaching model can no longer adapt to the new students. Online teaching is the most suitable way for students to learn. Through online teaching, students can certainly give full play to the advantages of being familiar with the Internet, changing from passive acceptance of knowledge to active acquisition of knowledge, from mechanical repeated exercises to targeted exploration of knowledge, overturning the traditional teaching values, changing the previous teaching mode, and enriching the teaching forms. It plays a good role in promoting learners' learning of knowledge.

2. Changes in the role of teachers assisted by online teaching

Due to the impact of online teaching on traditional teaching values, it will inevitably lead to the change of the position and function of teachers, an important role in classroom teaching. In the transformation of classroom teaching, the premise of enhancing students' inquiry ability is to reform the "full room" teaching of traditional classroom teachers, while online teaching caters to the reform. The basic and easy to understand content is uploaded to students before class, so that students can learn independently through video explanation, while some important and difficult points are explained in class, so as to save time for students to interact. Discussion and communication are conducted in groups. During this process, teachers can participate as collaborators and have equal dialogue with students, so that students can learn in a relaxed and harmonious situation and their learning efficiency is greatly improved. Teachers give the initiative to students, and teachers only play the role of guidance and assistance, so the role of teachers has been changed.

3. Diversification of online teaching assisted teaching methods

As an ancient Chinese saying goes, "preach, teach and solve doubts", which truly reappears the traditional classroom teaching method, learning must have a teacher, the teacher is the disseminator of knowledge, the solution of difficult problems. However, nowadays, with the development of information technology, there is a significant gap between teachers and students in terms of the time and speed of acquiring new knowledge, and even students who are known as "digital natives" can get to know new knowledge earlier, which means that the traditional single teaching mode can no longer adapt to the current education, and diversified teaching methods need to be injected into normal classroom teaching. Only in this way can it adapt to the development of students, be unified with the development of society, and truly cultivate high-quality talents needed by the country. Online teaching achieves the diversification of teaching methods. Teachers provide students with recorded and broadcast courses, live courses and online

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learning platforms, so that students can choose their own learning methods. In addition, they also provide some links and platform courses to expand the course content.

4. Online teaching provides teaching resource support for classroom teaching transformation

Traditional teaching resources are mainly physical books, such as textbooks and books. These books are mainly from schools, libraries and other special places, and also face some specific people, with great limitations. However, online teaching resources are not limited by region, time and crowd. Every corner and every person can enjoy them, including some high-quality educational resources, which can also be shared, bringing great convenience to education. The digital teaching resources of online teaching are diversified in content and form, and the users have various ways to obtain resources, which greatly meet the individual needs of different learners, and also provide more choices for the development of teaching activities.

5. Online teaching provides a good teaching environment for classroom teaching transformation

In the past, we are familiar with the traditional teaching tools - chalk, blackboard, eraser, with the development of science and technology, economy, information technology has long withdrawn from the stage of history, replaced by the computer, multimedia, intelligent classroom. Compared with the dusty, squeaky environment in the classroom, teachers can add pictures, audio, video and animation in the online teaching process according to the needs of the course, so as to make the dull numbers and words vivid in the picture, stimulate the sensory nerves of learners and mobilize their enthusiasm to the greatest extent. Improve their interest in learning. In addition, during the online teaching process, students can communicate and interact with teachers at any time on the bullet screen to timely solve learning difficulties. At the same time, they can also communicate and discuss with classmates on wechat and Dingding Group to find and solve problems. The principal position of students has been fully reflected.

Challenges of online teaching in classroom teaching transformation

In addition, the interview results also found that although online teaching can promote the transformation of classroom teaching, online teaching still encountered some challenges in affecting the transformation of classroom teaching. Its specific performance is as follows:

1. Online teaching habits are inconsistent with traditional teaching habits

In traditional classroom teaching, students only need to listen to the teacher carefully in class and complete the homework assigned by the teacher according to the requirements after class, while in online teaching, they need to watch the preview video sent by the teacher before class, do exercises to check the preview status, participate in the interaction between the teacher

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and students in class, organize group discussion on the learning content, and do extensive questions after class. These tasks are several times more than traditional teaching, which takes up a lot of time for students intangibly. However, the formation of a habit cannot be accomplished overnight, and students have strong resistance. Secondly, some students always feel confused about the emergence of new things, and their trust is low. Online teaching, a relatively new teaching mode, brings a sense of strangeness to students. They cannot see the faces of teachers and classmates they used to be familiar with, nor can they feel the body language. Learning experience accumulated over a long time or taught by others seems not to be verified here. Only when they have strong independent learning ability can they learn effectively in online teaching. This is a big challenge for the students. Finally, for students accustomed to traditional classroom teaching, they may have insufficient ability when facing the new online classroom teaching. Because online teaching differs from traditional teaching in teaching content, teaching methods, teaching strategies, teaching evaluation and other aspects, students show difficulties in completing teaching tasks, which makes it difficult for classroom teaching to achieve good results.

2. Selection of online teaching resources

One of the biggest advantages of online teaching is the convenient use of abundant teaching resources. However, everything has two sides. Such a large number of resources bring a lot of trouble to students when they use limited time to choose, and students do not have strong screening ability and cannot quickly remove useless information. Effective learning behavior cannot be produced; Moreover, the information often contains some unrelated to learning, such as: games, entertainment, advertising and other information, it is easy to lure students, this period of college students is not completely stable values, outlook on life when it is easy to go astray. Although teachers are selective in the resources they provide before, during, and after class, the Web's vast system of linking to more information with every click of a mouse on text or pictures makes it easy to do so. Limited time does not yield effective learning, learning efficiency instead of rising, not conducive to the "student-centered" classroom teaching transformation.

3. The online teaching guarantee system lags behind

Compared with traditional classroom teaching, network is the most difficult problem in online teaching. In online teaching, the network is unstable and there are delays, sometimes connected and sometimes interrupted, which interferes with teachers' normal teaching and students' normal lectures. In addition, the network platform cannot be logged in, teaching materials and students' homework cannot be uploaded, and students cannot enter the class on time due to network congestion, which also brings endless troubles to students and teachers at any time. Although these problems have been improved at present, Some optimization measures have been taken, but they have not been fundamentally solved. To solve these problems requires the support of funds, policies and the test of time. Secondly, there are great differences among

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different disciplines and majors such as literature, Science and art. Not all disciplines and majors are suitable for online teaching. For example: The Conservatory of Music has a large number of vocal music, instrumental music and dance skills courses, which require professional venues such as piano room and dance room, as well as teaching AIDS such as piano to complete the teaching. However, the actual situation is that during the epidemic period, students are locked in school dormitories or at home, completely lacking these basic conditions for online classes. For another example, the sound transmitted through the Internet is distorted. As music is an art of hearing, vocal music and piano lessons are largely judged by the timbre of human voice or piano to determine the degree of practice and professional level. However, the sound transmitted by online teaching is so distorted that the course teaching will be meaningless.Finally, in traditional teaching, teachers can manage students face to face and see students' learning status more directly, while online teaching cannot do this. It can show students' listening time, answering questions, and interaction in class with data in the background, but it cannot really understand the real status of students when they listen to the class. The online exercises are not done by the students themselves, which provides an opportunity for some students to avoid studying. At the same time, online teaching lacks scientific online teaching evaluation standards. The evaluation standard of traditional teaching is the examination result, the unified examination paper, the unified examination time, the examination result -- the score determines the quality of students' learning, and the result cultivates the same students. Online teaching has learned such a lesson and combined process evaluation with outcome evaluation. However, this new thing lacks a systematic assessment system, which is not enough to comprehensively and objectively evaluate the effect of students' online learning. Moreover, there are many problems in its evaluation mechanism, which cannot show the most real level of students. Hindering the overall development of students and the implementation of the real "student-centered" classroom teaching transformation.

The significance of implementing online teaching

With the increasing demand for innovative talents in today's world, the traditional teaching model of colleges and universities is increasingly insufficient to provide such large-scale talents, and its disadvantages are becoming more and more prominent. How to make up for the shortcomings of the traditional teaching model, how to make use of the increasingly mature science and information technology, and integrate it into the teaching, so as to form the current classroom teaching model is imminent. Online teaching has the advantage of making up for the deficiency of traditional teaching, and its effective use can cultivate the comprehensive development of learners and meet the requirements of comprehensive talents in social needs. In addition, the reform and innovation of higher education has always been the focus of education research in various countries. The core reform of higher education is classroom teaching, and online teaching is just an important breakthrough. Online teaching is an important product of the development of education informatization. It has certain influence on the traditional teaching

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concept, teaching method, teaching content, teaching evaluation and so on. Therefore, it is very important to study the influence of online teaching on the transformation of classroom teaching.

Conclusion

To sum up, in both developed and developing countries, the transformation of classroom teaching cannot be separated from the development of social economy, science and technology. Development is the absolute principle. All countries should pay attention to economic development and technological improvement to promote the development of education. Only by transforming classroom teaching and keeping pace with the development of The Times can colleges and universities meet the individualized needs of students and the needs of society, develop personalized teaching design and effective teaching organization, improve students' participation, enhance students' independent learning ability and planning ability, deepen the interaction between teachers and students and students, and develop effective evaluation mechanism. In order to cultivate high-quality talents needed by society. With the continuous development of Internet digital information technology, online teaching has become the "new normal" of college classroom teaching. Facing the development of The Times, cultivating innovative talents with comprehensive development of moral education, intellectual education, physical education, aesthetic education and labor education has become the goal of college talent training. Therefore, in the actual teaching, only the advantages of online teaching can be brought into full play. In order to make the university teaching work can be sustained, healthy, stable operation; Only by reshaping the roles of teachers and students in classroom teaching can students' innovative ability and exploration ability be improved. Only by truly reflecting the "student-centered" can students develop in an all-round way and promote the transformation of classroom teaching.

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