

Research on the Methods of University Education in Network Perspective

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Abstract: It is increasingly common for a large number of higher education system and university from developing and developed countries to attach greater importance to information technology nowadays. Network multimedia technology has been of great help to the development of daily lives, especially bringing great convenience and speed to life, work and study. Few would dispute that this innovative teaching method may plays a crucial role in the classroom efficiency of university education system, which has tend to become the mainstream trend of university education. Based on the characteristics of network information technology teaching, this paper tend to analyze the present situation of university education from the perspective of network, discussing how to use network information technology to develop and innovate classroom teaching approaches in university education, and some optimization suggestions are put forward.

1. Introduction

University is the ultimate learning hall of many people, which has a profound impact on the lifelong development of students. Facing the rapid development of society, university education has gradually tended to popularize education. Hence, it is not only an important task of contemporary education department, but also a rigid demand of country and society. In the advocacy of quality education nowadays, the traditional face-to-face teaching method has been less able to meet the current teaching needs, contemporary young people living in the era of network information, especially for high-quality college students, they are more inclined to science and technology teaching in the process of learning, Many professional subjects in higher education require to be assisted by practical operation. The application of network information technology in college classroom teaching can simplify abstract knowledge, placing an emphasis role to creating more vivid and better understand classroom atmosphere. In another word, it is of great benefit to the development of practical ability for students.

2. Significance of Applying Network Technologies to Educational Innovation

It is an era of rapid development of information technology nowadays. Network multimedia technology has been of great help to the development of daily lives, especially bringing great convenience and speed to life, work and study.

(1) The application of network information technology benefits teachers to construct teaching situation

The application of network information technology may be essential for teachers to construct teaching situation, enhancing the emotional interaction between teachers and students, and effectively convey the teaching content, compared with the traditional spoon-feeding teaching method. It can combine sound, picture, video organically, so teachers can make full use of the advantage and function of network information technology and change the serious and dull classroom atmosphere, also summarizing and create the solidified mechanical text language and make the abstract theoretical teaching content vivid and better understanding. Meanwhile, it can infects students with relaxed, pleasant and harmonious classroom atmosphere, arousing students' attention and stimulate students' enthusiasm for learning. It is believed that Network information technology not only increases the interest of the classroom, but also enhances the classroom interaction, providing a quick information exchange platform and narrow the gap both between teachers and students. Based on its virtual communication attributes, It is the main approach of modern teaching innovation and optimization to realize the high quality teaching idea of people-oriented and sex-based teaching.

(2) The application of network information technology helps students improve their autonomous learning ability

With the rapid development of information technology, various new teaching methods have emerged in college education, such as flipping classroom, mobile classroom, micro-classroom and so on in modern education. Based on the characteristics of its open teaching environment, it provides a large number of space to independent learning. Network information technology not only enriches teachers' teaching methods, but also provides a broad learning platform for students to improve their thinking innovation consciousness and ability, enhancing their subjective initiative in the process of autonomous learning.

3. Analysis of the Present Situation of University Education from the Perspective of Network

Nowadays, digital network technology has been widely used in university teaching classroom, and has been generally praised by the majority of teachers. However, in the process of real practical operation, there are still some problems and issues, mainly reflected in the following points.

(1)Fast teaching may not guarantee the quality of the classroom

There are many professional subjects in university education should be researched step by step. In the process of applying network digital technology teaching, teachers should not only consider the teaching progress, but also grasp the teaching rhythm to ensure that students receive and master knowledge effectively, avoiding 'fast-paced, low-quality' teaching issue. A good example is that some teachers may only focus the improvement of teaching speed by using the high speed output mode of network multimedia and micro-classroom teaching, but ignore the progress of students' acceptance learning. Once such a situation occurs, students are prone to conflict and do not have time to think and analyze what they have learned.

(2)Limited resources

Under the background of the development of network information, applying network technology in the classroom has become the dominate teaching mode of higher education system, and has been highly respected by teachers and students. With the development of teaching reform in our country,

some schools may only attach importance to the improvement of the number of students and invest a lot of resources to expand the campus scale. However, the construction of teaching facilities and the improvement of teaching service environment are more likely to be ignored. With the rapid upgrading of network multimedia facilities, higher standards of teaching hardware are put forwards. Once the two can not match, the network environment will be slow and the equipment will stop, which will seriously affect the teaching progress and teaching effect. In addition, the selection of teaching software should be standardized. Many software systems have many functions and complicated operation, which not only weakens the frequency of information exchange between teachers and students, also distracts students energy. The application of network teaching demands high cost investment in colleges and universities. A large number of universities may be pose a threat to limited educational resources and lack of enthusiasm, leading to a great reduction of participation enthusiasm.

(3) The teaching mechanism is not perfect

Some people believed that the network technology is an innovation of teaching mode. Many colleges and universities have not yet formed a perfect teaching mechanism, also a detailed operation system and supervision mechanism may not be successfully developed with the process of teaching. In the whole teaching implementation process, only a brief introduction of the application, not to describe and supervise the specific implementation rules, only macro ideas, lack of practical implementation, and no evaluation mechanism for the target results. The application effect of digital network technology in universities can not be evaluated and summarized effectively. It is a known fact that teachers in some colleges and universities may gain limited level of information technology, and master less knowledge of network multimedia technology, leading to poor use of the advantages of network information transmission. For instance, some teachers abuse the network multimedia technology, lacking of the interaction between teachers and students, also do not play the role of educators, which may not have enough guidance to students, resulting in the decline of teaching quality. Hence, they can not satisfactions the demands of the development of modern information teaching, and the perfect teaching mechanism needs to be established urgently.

4. Optimizing the Methods of University Education from the Perspective of Network

There are a large number of advantages for the application of network information technology in university education. Although there are still some shortcomings, we should actively attend and participate in the wave of teaching innovation in order to achieve the purpose of improving teaching level and teaching quality, which assist classroom teaching at a high level.

(1) Guarantee education quality by slowing down the pace

University is the main port of talent export to the society. University class is different from other theoretical examination-oriented education. Many majors focus on the cultivation of practical ability and need teachers to use flexible and colorful teaching methods. If we only rely on the strong output of network multimedia technology, it is difficult to ensure the teaching quality and achieve the teaching purpose. Teachers should combine the teaching materials with rich network information and the traditional teaching explanation, at the same time assist the interaction between teachers and students in the classroom, maintaining the appropriate teaching rhythm, and give students full time to accept, understand and think and analyze. At the same time, teachers can also use the network platform to establish network learning groups, and mutual learning forums and other ways to strengthen the exchange and interaction between teachers and students, improving students' enthusiasm for learning, and give play to the powerful carrier function of network information technology.

(2) Promotion teaching principle

Network information technology has been considered one of the important modern teaching in nowadays society. It makes use of picturesque and colorful information transmission mode to make abstract and boring teaching words vivid and interesting. Under the stimulation of both visual and auditory senses, students are much easier to accept and absorb the knowledge they have learned, which is beneficial to improve teaching efficiency and teaching quality. Therefore, the guiders and teachers at all levels should change their thinking concepts, realizing the teaching innovation and progress brought by the application of network information technology, and actively participate in the construction of high quality information teaching environment. While expanding the number of students and increasing the scale of campus, we should share some teaching resources into the construction of information engineering, establishing a matching high-tech teaching environment. Meanwhile, we should adopt the hardware facilities to the software system, and select the suitable facilities for the teaching needs of various majors from the broad market, ensuring the smooth development of teaching activities. Secondly, colleges and universities should pay more attention to the development of teaching practice activities, such as the construction of science and education laboratories and science and technology expo in the campus, so as to provide students with practical venues and practical opportunities, and to train students to apply their knowledge to practical talents.

(3) Improve the teaching mechanism

Perfect teaching mechanism is a prerequisite to ensure teaching quality. when using reasonable and appropriate network multimedia technology, we may be of great value to improve teaching efficiency. Initially, the relevant leaders of colleges and universities should attach importance to the establishment of teaching system, formulating perfect management system and reward and punishment assessment system. Meanwhile, they should implement the system into specific rules, and assign special personnel to be responsible for the preservation of teaching courseware, teaching innovation and department coordination, clarifying responsibilities and obligations and make objective and comprehensive assessment of the corresponding personnel, and give appropriate rewards and punishments to arouse their enthusiasm. secondly, colleges and universities should give greater priority of the improvement of teachers' information quality, clearly pointing out the network practical ability that modern teachers should have, and carry out assessment and evaluation, especial for training and strengthening their professional ability. For example, colleges regularly select excellent teachers for foreign training and introduce advanced teaching models into local university education. Thirdly, the relevant education departments should increase the propaganda of the application of network information technology in colleges and universities, strengthening the consciousness and ability for teachers, which demand them to carry out teaching innovation, science and technology teaching under the network vision, and improve the actual effect of university education.

5. Conclusion

It has become a consistent goal for educators to rational apply network information technology in teaching innovation and improve teaching quality. Although this new teaching method still has some short comes in the process of practice,

as long as teachers combine the actual education requires in various disciplines in the university, and reasonably relate the network information technology to teach students by according to their aptitude, making full use of the characteristics and advantages of network information technology, transforming professional knowledge into eye-catching audio-visual performances. In order to create an interesting classroom atmosphere, they can fully arouse learners' interest in learning and stimulate their desire to learn; On the other hand, teachers can make full use of mobile classroom,

micro-classroom, flipping classroom and other teaching means to guide students to carry out autonomous learning in their spare time. By deeply researching, logical thinking and practical activities relative subject knowledge, teachers can acquire knowledge absorption, internalization and re-creation. Hence, as long as researchers and educators tend to think carefully, we can be of great benefit by make use of network information technology to improve teaching efficiency and teaching quality.

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