

# Research on the Problems and Countermeasures of Network Distance Teaching for College Students

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**ABSTRACT.** *With the arrival of the information age and the rapid development of network information technology, certain changes have taken place in the way of education. Network Distance Teaching brings opportunities for the development of college students' education. In particular, it can narrow learning space, lift geographical restrictions, improve the educational personnel training quality, and it is of constructive significance to promote the all-round development of students. Meanwhile, the development of Network Distance Teaching brings some challenges to college student education. In terms of the problems existing in the Network Distance Teaching of college student education, this paper puts forward that the Network Distance Teaching system of college students should be student-centered. The achievement of studying requirements of online learning is as same as the classroom learning; Compliance with teaching management and classroom discipline; The stimulation of learning potential and improvement of self-management; The measures to combine balanced and healthy work and rest.*

**KEYWORDS:** *Education of college students, Network distance teaching, Problems, Countermeasures*

## 1. Introduction

With the rapid development of information technology and the popularization of comprehensive education, life-long education and innovative education in the education of college students, online teaching based on distance emerged at the right moment. Especially the rapid development of network classroom technology breaks the space boundary of the traditional classroom and injects new vitality into the development of Network Distance Teaching. And it has a great impact on teaching approaches, teaching models and teaching methods for college students (1-3). However, affected by the social environment, technical environment, university network platform construction and other factors, there exist some problems in the current Network Distance Teaching, by which the sustainable development of Network Distance Teaching is hindered. Under the new situation, college students' network education should grasp the practical significance and characteristics of network teaching, combine the education advantages of different colleges and universities, promote the reform and development of Network Distance Teaching, and enhance the quality of education and teaching (4). Therefore, it is very important to timely find the problems existed in Network Distance Teaching and make countermeasures. It is not only the need to improve teaching quality, but also the urgent need to promote the all-round development of college students.

## 2. The concept and characteristics of Network Distance Teaching

Network Distance Teaching is a modern education approach applied to the teaching as network new media technology developed. Network Distance Teaching connects computers, mobile phones and tablet computers in different time and space with the help of the network utilizing Internet technology, computer technology, multimedia tools, network information technology etc., and realizes the educational form featuring in sharing educational resources, live interaction between teachers and students, and online communication (5). The application of Network Distance Teaching in college students' education is more in line with the form of modern curriculum education. Because it can carry out curriculum education for college students at any time and place with the network, computer or mobile phone and other broadcasting tools.

## 3. The Characteristics of Network Distance Teaching

1) Convenience. On the one hand, the Internet has the characteristics of mobility, high efficiency and flexibility. In the Network Distance Teaching platform, teachers of various subjects can provide students with studying plans, expansion materials and homework. So that students can study like in traditional classroom teaching, and it can promote students to get better studying results in the network platform. This teaching mode breaks time and space limitations of traditional classroom teaching and provides students with broad studying space. On the other hand, with the specialized teaching form design of teaching platform, teachers can teach students knowledge more easily and their work efficiency is improved. The network teaching makes the knowledge more vivid and specific through the form of sound, picture and text, so that students can better complete their tasks and their nervous emotions can be eliminated (6).

2) Timeliness. Timeliness is another remarkable characteristic of Network Distance Teaching, and its manifesting form is timeliness of information input, transmission and sharing, which adapts to the timeliness of college students' access to information (7). For example, teachers can upload lesson plans to the teaching live platform, or share the pre-class content through the class mailbox and WeChat group, so that students can obtain class materials in real time. Besides live studying, it can achieve autonomous studying mode, and students' information acquisition mode is not limited by time, space and certain people or organizations. In addition, in the Network Distance Teaching of college students, students can also discuss and communicate with teachers in real time. Difficulties of students will be answered by professional teachers, promoting the timeliness of problem solving.

3) Service. The Network Distance Teaching of college students highlights the characteristics of humanization, that is, service. Compared with the traditional education mode, Network Distance Teaching is more service-oriented and can meet different needs of different college students, such as: On the one hand, it serves college students all the time. The online class can provide students with personalized and diversified study, which helps to stimulate college students' enthusiasm for active study and promote students' comprehensive mastery of knowledge. In addition, with the assistance of the online class platform, in accordance with the requirements of the syllabus, based on the needs of students' development, teachers can use advanced information technologies such as class effect, students' response and class check-in to regularly analyze, integrate and process feedback, pass targeted, expansive and valuable information to students, enhance the pertinence of students' specific study, and reflect the service of Network Distance Teaching.

#### **4. Problems Currently Existed in the Network Distance Teaching for College Students**

##### ***4.1 There Are Some Difficulties in Teaching Management, and the Interaction of Online Teaching Needing to Be Enhanced.***

In the Network Distance Teaching, the whole teaching structure is still a three-dimensional structure, that is, management dimension, students' studying dimension and teachers' teaching dimension. Not restricted by the management of teachers, college students are freer in front of the screen (8). The most important feature of online teaching is that study is not mandatory, and students can start or stop the service at any time. For college students with poor self-control and self-driving force, if the course is not new or attractive, they will not keep on studying. On the other hand, the traditional "face-to-face" teaching mode has strong interaction and compulsion, which can ensure the study effect of students, and students with weak self-control are more inclined to choose traditional classroom education. Therefore, at present, the problem of Network Distance Teaching is to increase the interaction between teachers and students and enhance students' adherence to the platform, so as to ensure the enthusiasm and continuity of students' study.

##### ***4.2 The Objective Fluency of the Network and the Subjective Enthusiasm of Teachers Need to Be Improved.***

The Network Distance Teaching depends on the network, but the clear and smooth live teaching sometimes has the freeze phenomenon. According to the curriculum arrangement, when carrying out network course teaching activities, many students log in to study at the same time, resulting in server paralyzing and breakdown due to too many users. Besides, teachers are not proficient in network tools. The operation of some software takes a lot of time, and students are easily to be distracted. Judging from the current situation of Network Distance Teaching, there is a lack of enthusiasm of some teachers, and they do not realize that Network Distance Teaching will become the mainstream development trend in the future. Some teachers are influenced by traditional education. They do not agree with the Network Distance Teaching mode and they are in lack of cognition, which leads to the ineffectiveness of Network Distance Teaching and restricts the orderly development of college students' Network Distance Teaching.

### ***4.3 There is a Phenomenon of Decoupling between Practical Curriculum and Theoretical Teaching.***

The grasp of knowledge lies in the utilization of knowledge. Only by providing a practical platform for students can we promote students to apply what they have learned into practice. With the help of the Internet education platform, the Network Distance Teaching mode carries out the online education mode, which is mainly based on “teaching”, but the practice and training teaching mode is difficult to be carried out in the network course, affecting the cultivation of students' practical ability and knowledge utilization ability.

## **5. Countermeasures of Network Distance Teaching for College Students**

### ***5.1 Constructing a Student-Centered Network Distance Teaching System***

The development of college students' Network Distance Teaching needs to be student-centered, centering on the development needs of students' study. It is a general trend to build a student-centered Network Distance Teaching system. Under the modern teaching concept background, taking students as the subject of teaching, based on the needs of students' development, paying attention to the development of students' emotion and attitude. According to the actual situation of students, adopt different forms of education and teaching approaches to carry out teaching activities to promote the all-round development of students. Carrying out Network Distance Teaching in college students' education will be the need for to practice quality education (9). With the help of the network teaching platform and making full use of the online resources to build a student-centered Network Distance Teaching system, it can not only highlight the educational status of teachers, but also highlight the dominant position of students in study. Therefore, in the development of Network Distance Teaching for college students, with cultivating students' actual development needs as the goal, we should construct a Network Distance Teaching system, give full play to the advantages of Network Distance Teaching, and meet the needs of students' subjective and personalized study. For example: In the construction of Network Distance Teaching system, educational administrators can set specific indicators of different network courses according to the actual situation of students, including course teaching outlines, teaching plan, content, teaching form, homework form etc. Meanwhile, the teaching pertinence should be enhanced. Through the influence on students' study motivation, the system can better serve students and promote the improvement of teaching quality.

### ***5.2 The Learning Requirements of Online Learning Are as Same as the Classroom Learning***

The online classroom is as same as the real classroom, which has the same management, standardization and time requirements as school teaching. Computers, mobile phones and other online learning equipment should be prepared by students in advance; Students need to know well the class schedule, and buy or prepare learning equipment, such as teaching materials, reference books, electronic learning materials, notebooks advance. They should strictly follow the teaching arrangements for online classes, actively participate in class interaction, and complete classroom assignments and tests on time. Do a good job of pre-class preparation and after-class review is also needed.

### ***5.3 Compliance with Teaching Management and Classroom Discipline***

The online learning activities during the teaching adjustment period are the activities specified in the school education and teaching plan. Students should carefully understand the management and discipline requirements of online classes, and actively cooperate with teachers' teaching works, such as online check-in, teaching, homework arrangement. If students are unable to participate in online learning due to technical, physical and other reasons, they should contact their teachers and counselors in time to ask for leave. Students who are unable to have online learning conditions for a long time should not only ask the teacher for leave, but also contact their college immediately for help. Students who do not participate in the activities prescribed by the education and teaching plan without approval shall be punished in accordance with the provisions on the student administration and the implementing regulations. Students who interfere with the teaching order in the process of online learning and do not listen to the dissuasion shall be punished in accordance with the provisions on the student administration and the implementing regulations.

#### ***5.4 The Stimulation of Learning Potential and Improvement of Self-Management***

There are differences between online learning and traditional classroom teaching. Online learning has higher requirements for students' self-regulated learning and self-management. The students are hoped to fully stimulate their learning motivation, adjust their learning status, overcome unfavorable factors such as loneliness in online learning, and thus improve their learning efficiency and the ability of self-planning, self-management and self-regulation as well as cultivate good learning habits and awareness of self-regulated learning.

#### ***5.5 Combining Exertion and Rest and Making Healthy Daily Schedule***

In the special period of epidemic prevention and control, students should strengthen their health concept of reasonable work and rest and combination of work and rest. In addition to strictly following the class schedule to do indoor physical exercise for half an hour per day, students should enrich their study life with physical exercise according to their own conditions and needs, in order to maintain a good physical and mental state.

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