

Research on College Students' Online Learning Attitude

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Abstract: With the rapid development of network technology, online learning has become an important way for college students to learn at present. This paper studies the attitude of online learning of ethnic minority college students, and makes in-depth elaboration from several aspects such as the investigation of the attitude of online learning of ethnic minority college students, the analysis of existing problems, and the effective strategies to solve problems.

1. Introduction

With the rapid development of computer technology and network technology, online learning has become an important learning way for college students to learn knowledge and construct their own knowledge system structure. Online learning attitude refers to the basic views of learners on the learning activities of network courses and their expressions and behaviors in the learning activities of network courses. From 2005, the author used the network course of “education communication” course to carry out follow-up research, and constantly carried out research by means of questionnaire, secondary questionnaire, interview and other methods, with Northwest University for Nationalities, Cooperative Normal College for Nationalities and Qinghai University for Nationalities as the research base, mainly taking the West University for Nationalities as a case study. [2]

2. Online Learning Attitude of Ethnic Minority College Students

The total number of questionnaires was 220, 180 were recovered, the recovery rate was 82%, 156 were effective questionnaires, the effective rate was 87%. A total of 21 ethnic groups were investigated in this survey. As shown in Table 1:

Table 1 Ethnic Survey Distribution Table of Ethnic Minority College Students

Ethnic	Han	Hani	Manchu	Zhuang	Tu jia	Tibetan	Miao	Shui	Mongolian	Layout	Dong	Hui	Uygur	she	Yi	Xibo	Bai	Tu	Yao	Buyi	Kazak
Number of people	15	3	10	10	9	10	10	4	16	3	4	23	12	3	3	5	3	3	3	5	3
Proportion%	9.6	1.9	6.4	6.4	5.8	6.4	6.4	2.6	10.3	1.9	2.6	14.7	7.7	1.9	1.9	3.2	1.9	1.9	1.9	3.2	1.9

From the results of the survey, we can see that there are the following problems in online learning of ethnic college students:

2.1 Economic Conditions Limit the Time and Frequency of Online Learning

31 of the students surveyed often study online, accounting for 19.87%, 19 never study online, accounting for 12.18%, 106 seldom study online, accounting for 67.95%. As shown in Table 2:

Table 2 Online Student Frequency Table of Ethnic College Students

	Often	rarely	never
Number of people	31	106	19
Proportion%	19.87	67.95	12.18

In the survey of the average weekly online learning time of ethnic minority college students, there are 110 people with an average of less than 3 hours a week, 35 people with 3-5 hours and 11 people with 5-8 hours a week, as shown in Table 3:

Table 3 Statistical Table Of Average Weekly Online Learning Time of Ethnic College Students

	Less than 3 hours	3-5 hours	5-8 hours
Number of people	110	35	11
Proportion%	70.5	22.4	7.1

Among the 156 students surveyed, 121 came to this remote minority area and 35 came to this relatively developed minority area. Due to the backwardness of the economy in the remote minority areas, the number and time of online learning of middle school students in basic education is very small, which affects the cultivation of the basic literacy of online learning of minority college students, so that the frequency of online learning is very small, and the average time of online learning every week is very short.

2.2 The Purpose of Choosing Major Affects Online Learning Interest

Students think that “the basis for choosing majors in university has a great impact on online learning”. The basis for choosing majors in university: 21.8% of personal interest and parents' arrangement, 16.7% of family and friends' opinions, 18% of subordinated deployment, 37.2% of social needs (employment), 12.3% of other reasons. As shown in Table 4:

Table 4 Basis for Ethnic College Students to Choose Major

	Personal interests, parents' arrangement	Opinions of relatives and friends	Obedience to deployment	Social needs (employment situation)	Others
Number of people	34	26	28	58	19
Proportion%	21.8	16.7	18	37.2	12.3

2.3 In Online Learning, Students Are More Willing to Spend Their Time on the Cultivation of Social Work, Interpersonal Skills, Etc

In online learning, students are more willing to spend their time on: 43 professional learners, accounting for 27.6%; 9 basic course learners, accounting for 5.8%; 25 students are interested in learning knowledge, accounting for 16%; 52 students are interested in learning other aspects of abilities (such as social work, interpersonal communication). It accounted for 33.3%; 17 people enjoy playing, 10.9%; 10 people in other aspects, 6.4%. As shown in Table 5:

Table 5 Online Learning Knowledge Direction Table

	Major learning	Basic course learning	Learning knowledge of interest	Learning other abilities (such as social work, interpersonal communication)	Playing and enjoying	Others
Number of people	43	9	25	52	17	10
Proportion%	27.6	5.8	16	33.3	10.9	6.4

2.4 The Implementation of Online Learning Plan is Insufficient

Ethnic minority college students have online learning plans every week or every day, and those who strictly follow the plans account for 8.3%; those who have plans sometimes implement the plan account for 15.4%; those who have plans but are difficult to implement account for 31.4%, and those who have plans sometimes account for 44.9%. As shown in Table 6:

Table 6 Online Learning Plan Statistics

	Have a plan, strictly follow the plan	Have a plan, sometimes implement the plan	Have a plan, but it is difficult to implement	Sometimes have a plan
Number of people	13	24	49	70
Proportion%	8.3	15.4	31.4	44.9

2.5 The Ability of Online Learning Students to Resist Interference is Poor

At the same time of online learning, the most common states of ethnic minority college students are: 37 people play games, 46 people chat, 52 people watch news, 64 people browse other web pages. As shown in Table 7:

Table 7 the Most Common States Table of Online Learning

	Play games	Chat	Watch news	Browse other websites
Number of people	13	46	52	64
Proportion%	8.3	29.5	33.3	41

2.6 Ethnic Minority College Students Hand in Their Homework Online and Have a Good Attitude towards Solving Problems

According to the survey results, students have a correct attitude towards homework. When 156 students in the survey hand in their homework online, 37 of them usually copy and paste, accounting for 23.7%, 66 of them think about themselves, accounting for 42.3%, and 53 of them refer to classmates' homework, accounting for 34%, as shown in Table 8:

Table 8 Online Homework Delivery of Ethnic College Students

	Copy and paste	Think for yourself	Refer to other students
Number of people	37	66	53
Proportion%	23.7	42.3	34

According to the statistical results, ethnic minority college students are active in their homework and have strong self-study ability. They are willing to check the materials on the Internet discuss with their classmates and consult their teachers in case of learning difficulties.

2.7 Online Learning Controllability of Ethnic Minority College Students is Poor

In order to do well in online learning, 23 students are willing to give up activities that they are interested in, such as physical exercise, watching movies, etc., 68 people occasionally, 55 people who will not, and 11 other people can. As shown in table 9:

Table 9 Online Learning Controllability of Minority University

	Often	Occasionally	No	Other
Number of people	23	68	55	11
Proportion%	14.7	43.6	32.3	7.1

3. Analysis on the Problems of Online Learning Attitude of Ethnic Minority College Students

3.1 National Cultural Differences and Personality Factors

Ethnic minority college students come from ethnic areas with backward economy and culture. The basic knowledge of Chinese language is relatively weak. The formal contact network is basically after college, which affects online learning attitude. University stage is the stage of people's physical and psychological maturity. At this time, personality factors have a greater impact on students. Active students want to participate in social practice, quiet students love the library and network classroom, meticulous students hope to enhance potential and accumulate capital, all of which reflect the important influence of personality factors. (Tables 1 and 7)

3.2 Economic Conditions

In the survey, it was found that students with poor online learning attitude had relatively good financial conditions, especially the so-called "arranged work at home" students. Students from rural areas and pastoral areas with poor economic conditions have performed well in any activities of the school, no matter online learning, because they rely on labor learning to change their living environment.

3.3 Professional Interest

The results show that the professional interest has two-sided effect on online learning attitude. Interest is stepping into the stage of creation. With a strong interest, students can be fascinated, thinking can be actively carried out. However, some students did not want to study this major, but were transferred, which formed a potential psychological conflict, and parents and teachers did not find and teach in time. Some students find that college education is not suitable for them, or they are influenced by many external factors and ignore the most critical factor of learning - themselves, which needs us to pay attention to and actively solve. (table 4-5)

3.4 Campus Learning Atmosphere

Campus learning atmosphere has a great impact on the individual learning of ethnic minority college students. In a university with a good learning atmosphere, students are generally serious in their study, and vice versa. Some students are influenced by all kinds of behaviors in the society. They no longer pursue learning, but pull the relationship, speak the way and study the bureaucrats. This has a certain negative impact on students' learning attitude. (table 2-3, table 6-10)

4. Strategies to Solve the Problems in Online Learning of Ethnic College Students

To solve the problems of online learning attitude of ethnic minority college students, the following suggestions are put forward:

4.1 Teachers, as Organizers, Creating Learning Teams among Students

In order to change the online learning attitude of ethnic minority college students, we must change the attitude of teachers towards students, change the teaching attitude of teachers, make ourselves really become the partners of students' learning and exploration, and guide students to explore together. Teachers should be good at organizing themselves, building learning teams among students, carrying out collaborative learning and research-based learning. Therefore, we should encourage college teachers to become mentors in students' study, work and life, and promote students to grow into learning talents in the new world. The experiment is carried out in the course of educational communication, and the teaching effect is good.

4.2 Building a Network Course with National Characteristics

The thinking mode of minority college students has been developing from linear thinking mode to non-linear thinking mode since they went to college.[1]in the survey, 82. 8% think that only 5% - 10% of online learning courses are in their own language. They are eager for the online course of their own language. Therefore, it is necessary to carry out curriculum reform, strengthen the construction of network courses with national characteristics under the condition of market economy, adjust, merge and reorganize the network course system, reflect the macro nature of course construction, increase the scope of students' choice, give full play to the subjective ability of students' learning, and gradually form a batch of high-quality network courses with high teaching quality and minority characteristics.

4.3 Clarifying the Learning Motivation of Online Learners and Correcting the Online Learning Attitude of Ethnic Minority College Students

Learning motivation is the concentrated embodiment of learning attitude. Good learning motivation is closely linked with correct learning attitude and is the internal motivation that directly promotes students' learning. All kinds of human activities are caused by certain motivation, and students' learning motivation activities are no exception. The essence of learning motivation is learning need, which is the reflection of the influence of society, school and family in students' minds. Learning motivation has a very important relationship with learning enthusiasm and learning effect. In learning activities, learners can complete the construction of knowledge meaning only if they actively participate in it. The learning motivation of online learners often appears to participate

in various interactive activities. Therefore, it is the central task of interaction designers to stimulate learners' interaction motivation in teaching activities.

4.4 Strengthening the Construction of Teaching Staff, Constantly Updating the Teaching Material System, and Developing Online Learning Manuals

Strengthen the construction of teaching staff, update the teaching materials for online learning of ethnic minority college students, close to the reality of life, adopt diversified and flexible teaching methods, stimulate and cultivate students' interest in learning, and let students actively participate in learning.

4.5 Establishing Professional Structure Consistent with Market Demand

To meet the market demand, we should set up the major scientifically, improve the course structure and teaching process, and guide students to understand the short-term goal and significance of learning. Scientific professional setup can build students' confidence in learning and employment. At the same time, in the teaching process, explain the specific objectives and significance of learning new topics to students, explain where and why to use these knowledge and skills in the future, make students clear each short-term learning objectives and significance, eliminate blindness, and form a positive and active learning attitude. The combination of long-range goals and short-term goals is the so-called “journey of a thousand miles begins with one step”.

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