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Mobile Phone Involvement, Anxiety, Symptoms of Depression and Academic Burnout Among Medical Students Towards the Development of Group- Therapy Intervention Program

Qian Wu^{1, 2}, Elna Lopez², Qing Miao³, Xinhua Zheng¹, Zhi Liu¹ and Kaijian Hou^{2, 4*}

¹Medical School, Pingdingshan University, Pingdingshan, China;

²Faculty of Graduate School, Lyceum of the Philippines University-Batangas, Batangas City, Philippines;

³School of Physical Education, Henan University of Urban Construction, Pingdingshan, China;

⁴School of Public Health, Shantou University, Shantou, China

*Corresponding Author.

Abstract: Mobile phone involvement, anxiety, depression and academic burnout are increasingly prevalent among university students, and the development of medical students is critical to people's health at a time of new coronavirus outbreaks. Studies on mobile phone involvement, depression, anxiety and academic burnout among medical students have yielded inconsistent findings across different schools in different regions. The aim of this study was to determine the specific circumstances of mobile phone involvement, depression, anxiety and academic burnout among medical students at Pingdingshan University and to develop a relevant team psychotherapy programme. Descriptive-survey method was used in gathering data from the 212 medical college students with standardized questionnaires as tools. The study was conducted from 19 September 2022 to 31 December 2022 at Pingdingshan University of Medicine, China. The study used Socio-demographic information, Mobile Phone Involvement Questionnaire (MPIQ), Self-rating Anxiety Scale (SAS), Beck Depression Inventory, Academic Burnout Scale (ABS) for university students were used to measure the levels of mobile phone involvement, depression, anxiety and academic burnout. Descriptive statistics, correlation analysis, independent samples t-test and ANOVA were conducted using SPSS 28.0 to examine the effects of demographic variables on mobile phone addiction. Differences between different variables such as anxiety, depression and academic burnout were tested using t-tests and between-group comparisons were made using chi-square tests. $p < 0.05$ and the differences were statistically significant. Majority of the respondents are males, in their first grade, studying clinical medicine, with siblings and in good health status, findings revealed that respondents have neutral mobile phone involvement (3.76), without anxiety (41.14), but with severe depression (28.28) and low achievement (3.14) in terms of their academic burnout. In addition, depression was significantly associated with mobile phone involvement

($r=0.159$, $p=0.021$), anxiety ($r=0.365$, $p=0.000$), low mood ($r=0.397$, $p=0.000$). and low academic mood was significantly associated with mobile phone involvement ($r=0.465$, $p=0.000$), anxiety ($r=0.153$, $p=0.026$), symptom of depression ($r=0.397$, $p=0.000$). Depression among medical students was associated with dependent mobile phone use, anxiety and academic burnout. Low mood in academic burnout was also associated with dependent mobile phone use, anxiety and depression. Group psychotherapy programs can be applied in the intervention of psychological problems of medical students.

keywords: Mobile phone involvement, Anxiety, Symptoms of depression, Academic burnout

1. INTRODUCTION

The training of medical students is particularly important in the context of the new coronavirus outbreak, but medical students themselves have a heavy burden of course work and are also faced with the physical and mental health of their future patients, a good mood and good professional qualities that determine a career in medicine. In recent years, the detection rate of mobile phone dependence symptoms among medical students measured by Liang's Mobile Phone Addiction Scale was 58.4%¹ and 37.9%². Depression is already a huge hidden threat to human physical and mental health in the world. Depression is one of the greatest threats to human physical and mental health in the world, and its prevalence is increasing every year as the world progresses³. Stress and anxiety will directly affect the suicide rate of medical students. Almost 95% of medical students in Western countries experience varying degrees of delay, and the negative impact of this delay on students is also significant. Mobile phone involvement, depression, anxiety and academic burnout are the main issues affecting the mental health of medical students. The purpose of this study was to examine the relationship between mobile phone involvement, depressive symptoms, anxiety and

academic burnout among medical students in a Chinese city. This study developed a group-assisted intervention to prevent medical students' mobile phone involvement, alleviate their anxiety and depression, promote their academic progress, and ensure their healthy physical and mental development.

2. MATERIALS AND METHODS

The study was designed to be conducted at Pingdingshan University, Henan Province, China, from March 21, 2022 to December 31, 2022. Data were obtained from the School of Medicine, Pingdingshan University. The study was approved by the Institutional Review Board of Pingdingshan University. The sample size was calculated as 212, selected through purposive sampling from medical students currently studying at the college. We included 212 medical students' basic sociodemographic information, the Mobile Phone Involvement Questionnaire (MPIQ) was used to understand eight items about the students' mobile phone use. The severity of anxiety symptoms was assessed using the Self-Assessment Anxiety Scale (SAS). The Beck Depression Inventory (BDI) was used to assess the severity of depression in the investigated medical students. The Academic Burnout Scale for Undergraduates (ABS) was used to assess the specifics of three aspects of academic burnout in medical students: inappropriate behavior, weak sense of achievement, and low mood. Descriptive statistics, correlation analysis, independent samples t-test, and ANOVA were performed using SPSS software version 28.0 to test the effects of demographic variables on mobile phone addiction, anxiety, depression, and academic burnout. Differences between the different variables of mobile phone involvement, anxiety, depression and academic burnout were tested by t-test, and the chi-square test was used for comparison between groups. The results were considered statistically significant when the p-value was \leq value of 0.05.

3. RESULTS

The sociodemographic profile of the studied medical students is the number of male medical students (51.4%) was slightly higher than that of female medical students (48.6%). The largest number of new students participated (82.1%), while students of rehabilitation therapy technology and clinical medicine students had

Table 2: Correlation Matrix of the Respondent's Mobile Phone Involvement, Anxiety, Symptom of Depression and Academic Burnout n=212

	Mobile Phone Involvement		Anxiety		Symptom of Depression	
	r_{xy}	p-value	r_{xy}	p-value	r_{xy}	p-value
Mobile Phone Involvement	-	-	.071	.301	.159*	.021
Anxiety	.071	.301	-	-	.365**	.000
Symptom of Depression	.159*	.021	.365**	.000	-	-
<u>Academic Burnout</u>						
Low Mood	.465**	.000	.153*	.026	.397**	.000
Inappropriate Behavior	.338**	.000	.035	.613	.090	.192
Low Achievement	-.009	.899	-.060	.381	-.230**	.001

Legend: Difference is significant at $p < 0.05$ alpha level.

4. DISCUSSION

The number of male to female ratio of medical students in this study is basically the same, which is consistent

relatively high numbers of participants (21.7%, 20.8%, respectively), and about the same number of only children and non-only children participated. 98.1% of the participants were healthy, 57.1% were stressed about their studies, and 155 students were generally interested in their studies.

The levels of mobile phone involvement, anxiety, depression and academic burnout of the studied individuals are shown in Table 1. The studied medical students had no significant mobile phone involvement (3.76), no anxiety (41.14), had relatively severe depression (28.28) and the most significant manifestation of academic burnout was low achievement (3.14). (Table 1)

Table 1: Respondent's Mobile Phone Involvement, Anxiety, Symptoms of Depression, Academic Burnout n=212

	Mean scores	of	Interpretation
Mobile Phone Involvement	3.76		Neutral
Anxiety	41.14		No anxiety
Symptoms of Depression	28.28		Severe Depression
Academic Burnout			
Low Mood	2.69		-
Inappropriate Behavior	2.92		-
Low Achievement	3.14		-

Legend of Mobile Phone Involvement: 0-1 Not at all, 1-2 Mostly not, 2-3 Small partly not, 3-4 Neutral, 4-5 Small partly, 5-6 Mostly, 6-7 Fully.

Legend of anxiety: Lower than 50 (no anxiety), 50 -59 (mild), 60 - 69 (moderate), 70 and more (severe)

Legend of Symptoms of Depression: 0-4 no depression, 5-13 mild, 14 -20 moderate, 21 - 63 severe

Legend of Academic Burnout: higher scores indicate higher level of burnout.

The relationship between mobile phone involvement, anxiety, depression and academic burnout among the studied individuals is shown in Table 3. There was a significant relationship between depression and mobile phone involvement ($r_{xy}=0.159$, $p < 0.05$), anxiety ($r_{xy}=0.365$, $p < 0.05$), low mood and mobile phone involvement ($r_{xy}=0.465$, $p < 0.05$), anxiety ($r_{xy}=0.153$, $p < 0.05$) and depression ($r_{xy}=0.397$, $p < 0.05$) were significantly related. (Table 3).

with the survey data of Yuan X⁴. In terms of the proportion of only children, the number of only children and non-only children is essentially the same, and with the full opening of China's two-child policy in 2016,

some families have children with siblings. According to a study by Zhai Zhenwu⁵, the proportion of only children in China has decreased significantly after the full opening of the two-child policy in China, which coincides with our current survey.

Mobile phone involvement has a negative impact on the physical, psychological, and social health of individuals⁶. However, the mobile phone involvement symptoms among medical students in this study were not significant, which is inconsistent with the findings of previous studies, which may be due to the fact that most of the students randomized to participate in this study were freshmen students, who are new to college. They had just entered the university campus and were curious and eager about the university life resulting. This is consistent with the results of this study, where students' anxiety was not very pronounced. The state of most students was positive and optimistic. The results of the study showed that the medical students in this study were significantly depressed. Medical students, due to medical students are prone to academic stress and academic burnout because of the many learning contents and heavy coursework.

It is evident from the study that depressive mood and inappropriate behaviors in academic burnout were more pronounced in patients with higher levels of mobile phone involvement. Also more scholars believe that there is a bidirectional relationship between mobile phone engagement and depressive symptoms, with mobile phone engagement exacerbating depressive mood, and depressive mood driving users to become more dependent on mobile phone use. The results of this study also support the findings of previous studies. Dependent mobile phone use wastes a lot of time⁷ and can exacerbate academic burnout, causing students to become more lethargic, face heavier classes, have less fun studying, and experience significant changes in academic performance, and both mobile phone involvement and academic burnout interact with each other⁸. It is also clear from the study that there is a correlation between the development of anxiety and depression in academic burnout and low mood. Anxiety and depression are common psychological problems during college⁹. When anxiety occurs in medical students, the production of a large amount of negative emotions can cause depression on the one hand, and academic burnout and a range of low moods on the other. According to the latest statistics from China 2021, the patient to doctor ratio is only 2.77, much lower than some developed countries¹⁰. However, the attrition rate of medical graduates in China has been high for the past decade. To be able to better achieve talent training, reduce medical students' mobile phone involvement, and reduce their depression and academic burnout problems, based on this empirical study, is to develop appropriate interventions. Changhong Zhang¹¹ found that academic burnout was also associated with participation in clubs, exercise, and loneliness. Club participation is a protective factor for high levels of academic burnout, and group psychological intervention

programs can be a good intervention for medical students during college. According to the characteristics of the population, using the knowledge and skills of group dynamics, group psychotherapy is used to work with group members through professional techniques and methods to obtain information that is group members build correct perceptions and healthy attitudes and behaviors¹². By organizing activities in a rich form, with games and activities of interest to students as the main content, it deepens the communication and enhances the relationship between students.

5. CONCLUSION

The majority of respondents in this study were male, in their first year of school, studying clinical medicine, with siblings, in good health, and feeling overwhelmed by their interest in learning. Respondents had neutral mobile phone engagement and no anxiety, but had major depression and low achievement in terms of academic burnout. Depression symptoms were significantly related to mobile phone involvement, anxiety, and academic burnout, while low academic mood was significantly related to mobile phone involvement, anxiety, and depression symptoms. Group psychotherapy programs can be applied in the intervention of psychological problems of medical students.

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Current Situation and Countermeasures on Employment Pressure of College Students during COVID-19

Yang Wang^{1, 2}

¹Zibo Vocational Institute, Zibo, Shandong, China;

²Lyceum of the Philippines University, Batangas, Philippines

Abstract: During COVID-19, college students will suffer multiple employment pressures in the process of job hunting, which will have an impact on their psychological and physical health. This paper analyzes the current situation of employment pressure of college students during the epidemic, explores its impact on college students' psychology and physiology, and puts forward targeted countermeasures to actively guide college students to establish employment confidence, improve personal employability literacy, and effectively alleviate employment pressure and psychological problems in employment.

Keywords: COVID-19; Employment Pressure; Countermeasures

1. CONCEPT OF EMPLOYMENT PRESSURE

COVID-19 has had a huge impact on the employment of workers around the world, but it has also had a lot of negative impacts on the employment of college students, causing great psychological distress and discomfort to college students who lack social experience and weak frustration ability. By analyzing the current situation of employment pressure of college graduates during the novel coronavirus pneumonia, this paper proposes targeted countermeasures, actively guides college students to adjust their employment mentality and concept, enhance employment confidence, resolve employment pressure and psychological problems, strive to enhance their own employment competitiveness, and adopt positive adjustment strategies and coping methods. Under the joint efforts of family, school and society, the employment pressure and psychological pressure of college students can be effectively alleviated.

Employment psychological stress, referred to as employment stress, refers to the physiological, psychological and behavioral stress process caused by the internal or external employment stressor when individuals face job hunting and career selection. A feeling of oppression produced by college students when they consider employment, prepare for obtaining a career and face threatening and challenging stimuli in the process of seeking a career. Hans Selye believed that when individual needs could not be met, pressure would appear, which would make individuals produce a sense of tension and induce depression, anxiety and other negative emotions. Boyle believed that stress is related to an individual's external environment as well as their

own emotional and psychological characteristics. According to Zhang Chunxing, stress refers to the feeling of being oppressed when an individual cannot eliminate the threat and get out of the predicament in the face of threatening stimuli. There are different classifications of pressure in different fields. the pressure that individuals show in employment is employment pressure. For college students who are about to graduate, employment pressure has become a major source of stress.

2. EMPLOYMENT PRESSURE OF COLLEGE STUDENTS DURING COVID-19

In 2020, WHO officially named the disease caused by the novel coronavirus as COVID-19. Its main transmission route is respiratory droplets and close contact transmission, as well as aerosol and excreta transmission. the spread of the epidemic has challenged and impacted countries' economies, politics and medical systems to varying degrees. Many countries have adopted a series of intervention measures to relieve the pressure, such as wearing masks, encouraging hand-washing, suspending urban public transport and stopping public gatherings. Although the outbreak at home and abroad is almost over, the mutated novel coronavirus could cause a rebound at any time, raising concerns about whether the vaccine is still effective. the number of college graduates in China has soared since 2001, rising from 1.14 million to 10.76 million in 2022, the highest ever. the pressure of the epidemic on micro, small and medium-sized enterprises will also affect the employment of college students. the severe employment form makes the employment anxiety of college students rise. As the future economic expectation tends to be pessimistic, the employment pressure increases, the recruitment interview is blocked, the job performance rate drops and other negative effects, as well as the long time home isolation, irregular learning style, etc., are easy to cause the sense of loneliness, panic and helplessness of college students. These not only seriously affect the mental health of college students, leading to reduced immunity, increase the risk of infection, but also lead to sleep rhythm disturbance. the dual effects of physiology and psychology will have adverse effects on the physical and mental health of college students. Studies on employment pressure of college students in China mostly focus on external stressors (the influence of society, family and school) and internal stressors (self-cognition, career expectation

and personal ability). Abroad, it mainly studies learning factors, social factors and emotional factors.

3. COUNTERMEASURES AND SUGGESTIONS TO RELIEVE THE EMPLOYMENT PRESSURE OF COLLEGE STUDENTS

Faced with the impact of the novel coronavirus epidemic, it is necessary for the national government, schools, college students themselves, their families and employers to work together to eliminate various adverse factors in employment, relieve the employment pressure and psychological pressure of college students, and enhance their confidence in employment.

First of all, college students should take the initiative to cope with the employment pressure. In the face of multiple employment pressures brought by the epidemic, we should actively adjust our attitude and employment choices, including adjusting our cognition, adjusting our emotions, solving problems and seeking help. We should reasonably lower our employment expectations, increase our employment confidence and enhance our psychological resilience. Excessive employment pressure may lead to depression, sleep and somatic form disorders. You can seek the help of professionals, and psychologists can choose appropriate treatment methods based on your condition, such as cognitive insight therapy, aversion therapy, and irrigation therapy for relief and improvement.

Secondly, we should actively seek support from students' families, give full play to the role of family emotional support, and improve the employment confidence and psychological resilience of college students. the importance of family support was demonstrated by the fact that graduates generally maintained good psychological resilience during the quarantine period. the school's work and employment assistance work should adhere to the cooperation with students' parents, encourage students' parents to participate more and pay more attention to the employment process of students, to avoid graduates due to employment pressure and other problems caused by psychological problems.

In addition, the school further refined the employment guidance work to improve the professionalism and pertinence. Prior to graduation, targeted push recruitment information, one-to-one employment guidance, interactive communication with students, counseling and help from psychologists can effectively relieve the employment pressure of graduates. Through ideological education and policy incline, the school helps college students to set up correct values, views on talent and employment, strengthens psychological education such as inspirational education, success education and frustration education, and promotes all-round development of students. It is also necessary to

change the dogmatic and simplistic educational mode in the past, strengthen the education of example and demonstration, and educate and guide college students in various aspects.

Finally, the national government, on the one hand, greatly increases the number of public institutions and state-owned enterprises to recruit, and vigorously supports and stabilizes small, medium and micro enterprises to increase the employment of graduates. On the other hand, by broadening the channels of admission, increasing the number of entrance examinations, and diverting the number of employment, the employment pressure caused by the epidemic can be eased. the phenomenon of slow employment is becoming more and more common due to the epidemic, and the "slow employment" mode is likely to become normal in the future. the employment support work of educational institutions and relevant departments should also adapt to the "slow employment" mode of graduates, and the employment service and guidance for graduates should be extended appropriately. For some graduates whose families are in financial difficulties but fail to find employment in time, Grants should continue for a certain period after leaving school.

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Occupational Stress, Coping Style and Subjective Well-Being of Chinese College English Teachers

Boqiao Xia^{1, 2}

¹Lyceum of the Philippines University-Batangas, Batangas, Philippines.

²Binzhou Medical University, Yantai, Shandong, China.

Abstract: This study examined the relationship among occupational stress, coping style and subject well-being of these Chinese College English teachers in order to help them cope and relieve their occupational stress by providing intervention programs and help them improve physical and mental health. This is a mixed research, descriptive-survey method was used in gathering data from 86 college English teachers with standardized questionnaires as tools in the quantitative research. As such from the results, majority of the respondents are female, married, 31-40 years old, 11-20 years in the teaching profession, having a master's degree and a professorial title of lecture or associate professor, earning 7000-10000 RMB (56901-81276 peso) per month. Likewise, findings revealed that majority of the respondents have an average occupational stress, active coping style, a little bit higher than average subjective well-being. There is a significant and strong negative relationship between occupational stress to subjective well-being. There is a significant and strong positive relationship between active coping style to subjective well-being, and a strong negative relationship between passive coping style to subjective well-being.

Keywords: Occupational Stress, Coping Style, Subjective Well-Being

INTRODUCTION

In China, college teachers are often regarded as jobs with high social status, good welfare and favorable working environment. Language teachers are an important group in the whole teaching team. English teachers are the most important and the largest number of language teachers. Although it is a non-native and non-official language, English is highly valued in China as a tool of international communication, so does English education. the typical work days for language teachers around the world are very stressful, which given their heavy workloads and difficulties juggling roles (MacIntyre et al., 2019), so does Chinese language teachers'.

Take college/university education as example, English is a compulsory course for all freshmen and sophomores, regardless of their majors. There are two kinds of English teachers in China, one is to teach English majors, the other is to teach non-English majors, called "College English teachers". There are a large number of College English teachers in China's colleges and universities. Most of them have a master or doctor degree in English

literature, linguistics, which are not associated with their daily job content. They teach intermediate vocabularies and grammars of English, and help students pass CET(College English Test Band 4/6). Their work performance needs to be measured by students' CET passing rate some times. Because of the huge amount of class time and long-term separation from their majors, it is difficult for them to engage in professional researches and title promotion. They are considered to be not professional, not important. They don't have their "own" students, they don't advise dissertations, and they are often not taken seriously by students. Most of them have no experience of living and studying in English-speaking countries.

These problems persist for a long time and becoming stressors that challenge these teachers' well-being, psychological and physical health. the sources of teacher occupational stress have multiplied with the special teaching background of China. So because of historical traditions, survival pressures, social relations and other influences, the special occupational stress, their coping styles and their subjective well-being of these College English teachers are worth discussing.

Occupational stress is psychological stress related to one's job. It refers to a chronic condition and describes the physical, mental, and emotional reactions of workers who perceive that their work demands exceed their abilities and/or their resources. the occupational stress of college teachers is characterized by universality, difference, stage and multi-dimension, and they always shoulder multiple tasks such as teaching, research and service, and their teaching and research work is strictly assessed, so they are under great stress (Song Fenglian et al. 2017), so do Chinese College English teachers. Their promotion and development is difficult. Although the number of them occupy a large part of the faculty, the conditions for their success in the college or university field are increasingly difficult, whether in the field of teaching, research or management, their promotion and development opportunities are greatly lessened.

However, many previous researches have suggested that coping with stress can influence how it is experienced and can even reduce stress (Caesens, Stinglhamber, & Luybaert, 2014; Gluschkoff et al., 2016). Early coping style theory is considered an individual's subjective style of coping with his/her stress and environment, which emphasizing individual initiative and

controllability. Later, some scholars suggest that coping is a strategic way for people to solve their own problems and bad emotions. Matheny believes that coping is a process in which people use unconscious or conscious means to intervene the influence of external stimuli on themselves. Snyder believes that coping is an individual's active response to stressful events or negative situations in life, aiming to reduce the negative effects on oneself physically, emotionally and psychologically. Chinese scholar Xiao Jihua suggests that coping itself is a series of behavioral reactions made by individuals based on their subjective thinking judgments after receiving external stimuli. Teacher coping is an important issue, because stress has a negative association with teachers' devotion to their profession (Buettner, Jeon, Hur, & Garcia, 2016). This study, researcher used a quantitative approach with variable-oriented method to analyze teachers' answers to an open-ended question concerning their coping strategies and then using person-oriented analyses to identify different coping profiles of teachers.

Subjective well-being (SWB) that is the personal perception and experience of positive and negative emotional responses and global and (domain) specific cognitive evaluations of satisfaction with life. It has been defined as "a person's cognitive and affective evaluations of his or her life". Simply, SWB is the individual evaluation of quality of life and therefore converges with the definition of quality of life. The research on SWB in China started relatively late. Zheng Xue, Yan Biobin and Qiu Lin (2011) believe that subjective well-being is an overall assessment of the quality of life based on evaluators' own standards, and is an important comprehensive psychological index to measure the quality of life of individuals. Tong Yuehua (2013) believes that subjective well-being, namely people's perception of their own happiness, is an important criterion to measure psychological well-being. Based on Diener et al.'s concept of subjective well-being, this study try to explore the occupational stress that College English teachers facing, the coping strategies they use, and the impact of different stress and coping styles on teachers' subjective well-being under the specific cultural background of China.

Considering all of these, the researcher believes that teachers' well-being is the important influencing factor of the universities smoothly running and students' effectively learning. And the researcher also believes that subjective well-being of these College English teachers is highly correlated with the occupational stress and their stress coping styles. What factors and stress dimensions affect teachers' subjective well-being is a key research point, especially the stress factors that College English teachers are different from other teachers. the impact of different coping styles on subjective well-being is another focus point. This study hopes to find effective interventions to help these College English teachers improve their subjective well-being and psychological health.

OBJECTIONS OF THE STUDY

ACADEMIC PUBLISHING HOUSE

This study examined the relationship among occupational stress, coping style and subject well-being of these Chinese College English teachers in order to help them cope and relieve their occupational stress by providing intervention programs and help them improve physical and mental health. This study described the profile of the respondents in terms of their sex, age, marital status, educational attainment, number of years teaching, income and professional title; determined the respondents occupational stress, coping style and subject well-being; compared whether there were differences on the occupational stress, coping style and subject well-being of Chinese College English teachers based on their demographic variables; tested whether there was a significant correlation among occupational stress, coping style, and subject well-being of the respondents.

METHODS

In this study, online questionnaire which includes demographic information of the respondents and 60 items in three scales--Teacher Stress Inventory, Brief-COPE Scale and Teachers' Subjective Well-being Questionnaire was used to collect data. 86 teachers of College English from several universities in China were selected as participants.

RESULTS AND DISCUSSION

Table 1: Occupational Stress among Chinese College English Teachers

<i>Subscales</i>	<i>Mean</i>	<i>Sd</i>	<i>Interpretation</i>	<i>Rank</i>
<i>Management and Evaluation</i>	3.470	0.929	<i>Average</i>	1
<i>Career Development</i>	3.373	0.671	<i>Average</i>	2
<i>Role Conflict</i>	3.308	0.981	<i>Average</i>	3
<i>Workload</i>	3.206	0.903	<i>Average</i>	4
<i>Interpersonal Relationship</i>	1.647	0.639	<i>Low</i>	5

Legend: using the likert scale 1.00-1.49 (Strongly Disagree), 1.50-2.49 (Disagree), 2.50-3.49 (Undecided), 3.50-4.49 (Agree), 4.50-5.00 (Strongly Agree)

Table 1 shows the result for the occupational stress of the respondents. Among the five, ranked the highest is the Management and Evaluation with the computed mean value of 3.470, which is near the high level of 3.50. the others are Career Development, Role Conflict and Workload. the sub-scale that ranked the lowest is Interpersonal Relationship.

Table 2: Coping Styles among Chinese College English Teachers

<i>Subscales</i>	<i>Mean</i>	<i>Sd</i>	<i>Interpretation</i>	<i>Rank</i>
<i>Active Coping</i>	3.276	0.525	<i>I've been doing this a lot</i>	1
<i>Passive Coping</i>	2.339	0.472	<i>A little bit</i>	2

Legend: using the likert scale 1.00-1.49 (I haven't been doing this at all), 1.50-2.49 (A little bit), 2.50-3.49 (A medium amount), 3.50-4.00 (I've been doing this a lot)

Table 2 shows the result for the coping styles of the respondents. the mean value of active coping style adopted by College English teachers is 3.276, which is higher than average. the mean value of passive coping style is 2.339, lower than average.

Table 3: Subjective Well-being among Chinese College English Teachers

Sub-scales	Mean	Sd	Interpretation	Rank
School Connectedness	2.708	0.634	Often	2

Table 4: Differences on the Respondent's Occupational Stress When Grouped according to Demographic Profile

Workload		Interpersonal Relationship		Career Development		Management and Evaluation		Role Conflict		Total			
t/F	p-value	t/F	p-value	t/F	p-value	t/F	p-value	t/F	p-value	t/F	p-value		
<i>Educational Attainment</i>		2.401	0.097	3.585	.032	0.327	0.722	1.706	0.188	1.494	0.230	2.649	0.077

The p value of interpersonal relationship dimension is 0.032, which is lower than 0.05, and the F value reaches a significant level, indicating that there is a significant difference on interpersonal relationship stress according to educational attainment. Therefore, it is necessary to reject the null hypothesis and accept the opposing hypothesis. Through the least significant difference method (LSD method for short), it is found that the teachers with bachelor's degree or below have

Teaching Efficacy	2.843	0.543	Often	1
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Legend: using the likert scale 1.00-1.49 (Almost Never), 1.50-2.49 (Sometimes), 2.50-3.49 (Often), 3.50-4.00 (Almost Always)

Table 3 shows the result for the coping styles of the respondents. the mean value of the subjective well-being is all higher than the average value 2.50 no matter in the total or in the sub-dimension. This means that the overall subjective well-being level of college English teachers is a little bit higher than the medium level.

significantly higher interpersonal stress than the teachers with doctor's degree. This result was somehow supported partly by Qusar (2018). Her findings indicate that age, qualification and, marital status are affecting occupational stress of teachers who working in state government, public, missionary, army and navovidayalas of Kashmir valley. the different part are that age and marital status are not affecting factors in this study.

Table 5: Differences on the Respondent's Coping Style When Grouped according to Demographic Profile

	Active Coping Style			Passive Coping Style			Total	
	t/F	p-value	VI	t/F	p-value	VI	t/F	p-value
<i>Sex</i>	-2.258	.034	S	0.784	0.436	NS	-1.503	0.137
<i>Educational Attainment</i>	4.315	.016	S	0.146	0.864	NS	2.658	0.076

For interpretation: Mean difference is significant at 0.05 level. S - Significant, NS - Not Significant.

The data showed that female teachers were more likely to adopt active coping styles than male teachers. When facing stress, compared with female teachers, male teachers use more pessimistic and immature coping methods, such as self-blame, rationalization, etc. the reason is mainly caused by traditional ideas of our country, social role norms and social division of labor. It is generally believed that men should be more

independent, autonomous and rational than women in dealing with things. Therefore, when male teachers encounter difficulties in work or life, they are more willing to take the initiative to find a solution to the problem. If the difficulties or stress is too great for them to cope with, they are reluctant to ask others for help. It's a negative way of coping.

And it is found that teachers with master's degree are more likely to adopt active stress coping styles than those with doctor's degree.

Table 6: Differences on the Respondent's Subjective Well-being When Grouped according to Demographic Profile

	School Connectedness			Teaching Efficacy			Total	
	t/F	p-value	VI	t/F	p-value	VI	t/F	p-value

Educational Attainment	3.525	.034	S	1.016	0.366	NS	2.720	0.072
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For interpretation: Mean difference is significant at 0.05 level. S - Significant, NS - Not Significant.

The p value of school connectedness dimension is 0.034, which is lower than 0.05, and the F value reaches a significant level, indicating that there is a significant difference on school connectedness dimension

according to educational attainment. Through LSD method, it is found that teachers with bachelor's degree are more connected with school than those with doctor's degree.

Table 7: Relationship of the Respondent's Occupational Stress to Coping Style

	Occupational Stress									
	Workload		Interpersonal Relationship		Career Development		Management and Evaluation		Role Conflict	
	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>
Active	-0.228*	0.035	-0.390**	0.000	0.199	0.066	-0.147	0.176	-0.174	0.108
Passive	0.142	0.193	-0.025	0.818	0.091	0.405	0.063	0.546	0.196	0.070

Table 7 presents the relationship of the respondent's occupational stress to coping style. Looking at the data presented above on table 11, it can be gleaned upon that when it comes to coping style, specifically the active coping has a significant negative relationship to the occupational stress. These findings are somehow similar

to the study of Nagra & Kaur (2014). In their study, the linear regression model showed a significant negative relationship between occupational stress and coping strategies). This means that the more teachers who adopt active coping styles, the less stress they experience in terms of workload and interpersonal relationships.

Table 8: Relationship of the Respondent's Occupational Stress to Subjective Well-being

	Occupational Stress											
	Workload		Interpersonal Relationship		Career Development		Management and Evaluation		Role Conflict		Total	
	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>
School Connectedness	-0.383**	0.000	-0.459**	0.000	-0.091	0.404	-0.344**	0.001	-0.541**	0.000	-0.502*	0.000
Teaching Efficacy	-0.249*	0.021	-0.319**	0.003	0.218*	0.044	0.000	0.997	-0.276*	0.013	-0.176	0.104

Table 8 indicates the relationship of the respondent's occupational stress to SWB. Based on the table, nearly all the dimensions of occupational stress has significant

relationship with all the aspects of teachers' subjective well-being.

Table 9: Relationship of the Respondent's Coping Style to Subjective Well-being

	Coping Style					
	Active Style		Passive Style		Total	
	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>	<i>r_{xy}</i>	<i>p-value</i>
School Connectedness	0.523**	0.000	0.068	0.531	0.450**	0.000
Teaching Efficacy	0.498**	0.000	-0.004	0.972	0.396**	0.000

Table 9 indicates the relationship of the respondent's coping style to teachers' subjective well-being. Based on the table, active coping style has a has strong positive significant relationship with all the aspects of teachers' subjective well-being, while passive coping style has no

significant relationship with teachers' subjective well-being. These data indicate that active coping style has a very positive impact on teachers' subjective well-being. When College English teachers face stress, the

more active coping style they adopt, the more subjective well-being they can achieve.

CONCLUSIONS

Majority of the respondents are female, married, 31-40 years old, 11-20 years in the teaching profession, having a master's degree and a professorial title of lecture or associate professor, earning 7000-10000 RMB per month. Majority of the respondents have an average occupational stress, active coping style, a little bit higher than average subjective well-being. There is no significant difference among the variables when grouped according to profile in terms of age, teaching experience, professional title, marital status, and monthly income. There is significant difference among interpersonal stress, active coping style and school connected well-being when grouped according to profile in terms of educational attainment. And there is significant difference among active coping style when grouped according to profile in terms of sex. Female respondents are more likely to adopt active coping strategies than male ones. Significant correlations among occupational stress, coping style and teacher subjective well-being. There is a significant and strong negative relationship between occupational stress to subjective well-being. There is a significant and strong positive relationship between active coping style to subjective well-being, and a strong negative relationship between passive coping style to subjective well-being. There is a significant and negative relationship between

active coping style to interpersonal stress and workload stress. But there is no significant relationship between coping style to career development stress, management and evaluation stress and role conflict stress

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Exploring the Development Path of University Sports Culture in the New Era

Zhang Haiyang¹, Liang Huawei^{1*}, Han Tingting²

¹Department of Physical Education, Henan Polytechnic University, Jiaozuo, Henan 454000, China

²Anhui Xinhua College, Hefei, Anhui, 230088, China

*Corresponding Author.

Abstract: Sports culture in colleges and universities is an important part of school education and one of the important means to promote quality education. In the new era, the development path of university sports culture should strengthen the setting for sports courses, improve the quality of the coaching team, improve sports facilities and equipment, organize standardized sports events and activities, and at the same time make use of advanced technological means such as new media and mobile internet to promote and publicize university sports culture. In addition, students should be guided to establish the awareness and habit of healthy exercise and actively promote the promotion of a healthy lifestyle on campus, so as to comprehensively promote the development of university sports culture.

Keywords: universities, physical culture, new era

1 INTRODUCTION

The purpose of this paper is to explore the exploration of the development path of college sports culture in the new era. It is divided into six parts: introduction, background and significance of the development of college sports culture in the new era, analysis of the current situation of college sports culture development, exploration of the path of college sports culture development, suggestions and countermeasures for college sports culture development and conclusion, with a view to providing some useful ideas and inspiration for the readers.

With the continuous development and progress of society, the sports culture of colleges and universities is getting more and more attention and attention, and it has become one of the hot topics for discussion in all walks of life. For colleges and universities, sports culture is not only an important part of talent cultivation, but also a powerful channel and way for colleges and universities to show their image and brand value, which has an irreplaceable and important role and significance.

This paper mainly discusses the path of college sports culture development from the background and significance of college sports culture development in the new era, the analysis of the current situation of college sports culture development, the analysis of the path of college sports culture development, the suggestions and

countermeasures of college sports culture development, etc., in order to help workers in related fields.

2 BACKGROUND AND SIGNIFICANCE OF SPORTS CULTURE DEVELOPMENT IN COLLEGES AND UNIVERSITIES IN THE NEW PERIOD

2.1 BACKGROUND OF SPORTS CULTURE DEVELOPMENT IN COLLEGES AND UNIVERSITIES IN THE NEW PERIOD

At present, China is gradually realizing economic transformation and modernization construction, and sports are also growing and developing. As the state attaches importance to and promotes sports, sports culture is constantly being improved and carried forward, especially in the field of college education. As the main place and important position for talent cultivation, colleges and universities, facing the development and reform in the new era, must also follow the pace of the times and continuously promote the development of sports culture.

2.2 THE SIGNIFICANCE OF THE DEVELOPMENT OF SPORTS CULTURE IN COLLEGES AND UNIVERSITIES

College sports culture is not only an important part of college education, but also an important channel and way for colleges and universities to show their image and brand value. On the one hand, college sports culture helps cultivate students' sports interests and hobbies, improve their physical fitness and health, enhance their sports culture and humanistic spirit, and better meet society's demand for high-quality talents. On the other hand, today, when the overall competitiveness of higher education institutions is becoming more and more important, colleges and universities demonstrate their brand value and image, and also need to reflect their cultural characteristics as colleges and universities and their advantages in talent training. Therefore, the development of college sports culture is of great significance and value to strengthen the overall strength of colleges and universities, improve the brand value of colleges and universities and enhance the quality of college students, as well as to promote the national sports career.

***First author:** Zhang Haiyang, Male, Han, 1998.3, Chang Yuan, Henan Province, Master's Degree, Bachelor of Education, Research Field: Sports Training, Jiaozuo, Henan Province Henan Polytechnic University, Contact: 13243039208

Corresponding author: Liang Huawei, 1978.01, Male, School of Physical Education, Henan University of Technology, Professor, Graduate Advisor, Main Research Interests: Social Sports Management.

3 ANALYSIS OF THE CURRENT SITUATION OF THE DEVELOPMENT OF SPORTS CULTURE IN COLLEGES AND UNIVERSITIES

3.1 ANALYSIS OF THE CURRENT SITUATION OF THE DEVELOPMENT OF SPORTS CULTURE IN COLLEGES AND UNIVERSITIES

At present, with the continuous development of society and economy, the sports culture of colleges and universities also presents some new characteristics and shortcomings. Firstly, in terms of sports items and ways, school sports culture is gradually realizing universalization and diversification, no longer staying in the traditional single sports items, but diversified and positive. Secondly, in terms of the construction of sports grounds and equipment, school sports halls are being upgraded and renovated, equipped with advanced facilities and equipment to facilitate various sports activities for all. Once again, in terms of physical education, physical education in schools has also been further reformed and improved to better serve the overall development and physical health of university students. However, in terms of sports competition, there are still some difficulties and shortcomings when universities compete with other institutions and organisations.

3.2 PROBLEMS AND SHORTCOMINGS

Although great progress and achievements have been made in sports culture in colleges and universities, there are still many problems and shortcomings that need to be solved. On the one hand, the overall level of sports competition in colleges and universities is poor, and the level and level of talents are low, which needs to further strengthen professional and targeted training and improvement. On the other hand, the importance of physical education is not high, the physical education curriculum lacks relevance and is not closely linked to subject teaching, failing to fully develop the potential of physical culture. On the other hand, there are still major shortcomings in the construction of sports facilities, which need to be improved and perfected. At the same time, the development of physical culture in universities has encountered many difficulties and bumps in the road due to insufficient funds, improper management and the overall low level of athletes. the participation rate of students is low: some students lack the awareness of physical exercise, and some are unable to participate in campus sports activities due to their coursework and clubs. the physical education curriculum is homogeneous. Some universities have a single physical education curriculum that fails to meet the interests and needs of different students and lacks diversity. Lack of professional coaches. the professional level of sports coaches in some universities is low and they are unable to provide students with high-level sports courses and coaching guidance, which affects the improvement of students' sports standards. Insufficient facilities and equipment. Some universities do not have enough sports facilities and equipment to meet students' needs for exercise and competition, which affects students' enthusiasm for sports activities. the organisation of

sports events is not standardised enough. Some universities do not organise sports events in a standardised way, and there are problems such as safety hazards and disorder, which affect students' participation and the development of sports culture. the publicity of sports culture is not comprehensive enough. Some colleges and universities do not promote sports culture comprehensively enough and lack effective promotion channels and ways, which affects students' knowledge and understanding of campus sports culture.

4 EXPLORATION OF THE PATH OF SPORTS CULTURE DEVELOPMENT IN COLLEGES AND UNIVERSITIES

4.1 EXPLORATION OF THE PATH OF SPORTS CULTURE DEVELOPMENT IN COLLEGES AND UNIVERSITIES

The development of college sports culture must be built on the basis of comprehensive and in-depth understanding and awareness, and effective development paths and strategies must be formulated. Specifically, the exploration of the development path of sports culture in colleges and universities should start from the following aspects:

4.1.1 IMPROVEMENT OF SPORTS FACILITIES AND SPORTS SKILLS

This is the most basic development path. It is necessary to strengthen the construction and renovation of venues, improve the comprehensive quality of athletes, enhance the overall strength of the participating teams and raise the level of university sports competition to a new height. Universities can improve sports facilities and enhance students' sports skills by: (1) Universities can increase investment in sports facilities and sports equipment, improve the conditions of sports venues and grounds, and provide a better environment for students' sports. (2) Establish a diversified curriculum. Colleges can also add more types of sports and forms of exercise to their physical education curriculum, such as rope skipping, yoga, dance and aerobics, to meet the different interests and needs of students. (3) Hire professional coaches. Universities can hire experienced professional coaches to provide more professional training and guidance to students and develop their sports skills and interests. (4) Organise competitions and activities. Universities can organise a wide variety of competitions and sports activities to enhance students' sense of competition and teamwork, as well as increase communication and interaction in sports. (5) Provide online resources. Universities can also help students to better understand and master sports knowledge by establishing online information platforms, publishing sports guidance and training plans, and providing healthy diet advice. (6) Strengthen publicity and promotion. Universities can also create a good sports atmosphere and culture and promote students' active participation in sports by means of publicity and promotion, such as holding sports culture festivals and releasing campus sports news.

4.1.2 STRENGTHEN SPORTS ORGANIZATION AND MANAGEMENT

Sports culture in higher education should not only stop at the improvement of the quality of individual athletes, but also strengthen the organisation and management of sports competition to improve the overall level and competitiveness of athletes. (1) Design a reasonable organisational structure. Universities should establish a sound sports organisational structure and clarify the duties and tasks of sports departments, coaching teams, student union sports branches and other relevant institutions to ensure the orderly development of sports activities. (2) Establish a strict management system. Colleges and universities should establish a strict management system, including the use of venues, equipment storage, safety management and personnel management, to ensure the safety and standardization of sports activities. (3) Pay attention to the construction of teams. Universities should pay attention to the construction of sports coaching teams, introduce professional athletes and coaches, improve the quality and level of coaching teams and ensure the quality of teaching. (4) Strengthen the construction of facilities. Colleges and universities should strengthen the construction of sports facilities, reasonably plan the sports venues and other sites, and equip advanced sports equipment to provide better sports conditions for students. (5) Strengthen propaganda work. Universities should strengthen the propaganda work of sports to increase students' enthusiasm and encourage more students to take part in sports exercise. (6) Improve the assessment and evaluation mechanism. Colleges and universities should improve the assessment and evaluation mechanism of sports, increase the factors of students' growth, avoid the situation of focusing only on grades and competition results, and better reflect the importance of the essence of sports.

4.1.3 RATIONAL USE OF NEW MEDIA, MOBILE INTERNET AND OTHER MEANS

Especially in the new era, universities can make full use of modern high-tech means such as new media and mobile internet to further develop their great potential and advantages in spreading sports culture and brand image. (1) Use social media for publicity. Universities can publicise and promote campus sports activities through social media such as WeChat public numbers and microblogs to attract more teachers and students to participate in them. (2) Build a sports information platform. Universities can build a set of sports information and information release platform to release the latest sports news, events and activities, sports knowledge and other information to students, so that students can learn more about sports knowledge and information. (3) Organize online sports activities. Colleges and universities can organize online sports activities by means of live video broadcast and online competitions to meet the needs of students who can participate in sports activities at home. (4) Designing sports APPs. Universities can develop sports APPs configured with functions such as health management, exercise records, sports knowledge base and coaching

guidance to meet the needs of students to understand and participate in sports exercise anytime and anywhere. (5) Release sports micro-courses. Colleges and universities can release some sports micro-courses on the mobile internet, so that students can learn the latest sports knowledge and skills anytime and anywhere. (6) Encourage the research and development of sports technology. Colleges and universities can encourage the research and development and innovation of sports technology, with the help of intelligent hardware such as intelligent sports identification equipment, VR equipment, etc., then it can enhance students' sports exercise and scientific and interesting, and attract a larger group of students from all other angles.

4.2 KEY POINTS FOR THE DEVELOPMENT OF COLLEGE SPORTS CULTURE

The development of sports culture in colleges and universities should pay attention to several key points and key factors, such as: strengthening the sports management of competitive teams in schools, enhancing the commercial value of athletes and promoting the development of sports industry; innovating the way and content of sports activities, designing diverse sports activities to meet the needs of people's multifaceted sports interests; promoting compliance with the legitimate rights and interests of athletes and safeguarding their opportunities to enjoy legitimate career development, etc.

5 SUGGESTIONS AND COUNTERMEASURES FOR THE DEVELOPMENT OF SPORTS CULTURE IN UNIVERSITIES

5.1 SUGGESTIONS AND COUNTERMEASURES

The following suggestions and countermeasures can be obtained from the current situation and path analysis of the development of sports culture in colleges and universities

(1) Strengthen the improvement of sports level in colleges and universities to lay a solid foundation for promoting the development of sports culture.

(2) Strengthen physical education and curriculum reform, improve the sports interests and sports quality of college students, and fully explore their potentials and talents.

(3) Strengthen the organisation and management of sports for university students to provide the necessary guarantees and conditions to promote the development of sports culture.

(4) Make reasonable use of new media, mobile internet and other high-tech means to promote the media and dissemination of sports culture, and improve the influence and universal awareness of sports culture in universities.

5.2 Implementation methods and effect prediction

The implementation methods and effects of the development of sports culture in colleges and universities are predicted as follows:

(1) By strengthening the level of sports competition in colleges and universities, meeting the needs of college students for sports programmes, improving their

physical fitness and physical quality, and enhancing their physical culture literacy.

(2) To create a more favourable educational environment and conditions for the improvement of university students' interest in and quality of physical education through the promotion of physical education and curriculum reform.

(3) To improve the comprehensive quality of athletes and promote the development of national fitness sports by strengthening the organisation and management of sports for university students.

(4) Promote the media and dissemination of sports culture through the reasonable use of new media, mobile internet and other high-tech means to improve the influence and national awareness of sports culture in colleges and universities.

6. CONCLUSION

This paper explores the path of sports culture development in colleges and universities in the new era in order to propose suggestions and countermeasures to strengthen the development of sports culture in colleges and universities and create the necessary conditions and trends for further promoting the development of sports culture in colleges and universities.

In today's world, with the continuous progress and development of society, college sports culture is not only an important part of talent training, but also a sign and embodiment of the overall competitiveness of higher education and higher education institutions. Therefore, it is necessary to strengthen the importance and promote the development of university sports culture and do a good job in order to promote the development of university sports culture, so that it can play an important role and significance of sports culture in all aspects such as talent training, sports competition and cultural dissemination.

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Research on the Development of Jiaozuo Elementary School Soccer Curriculum Under the Perspective Of "Strong Sports Nation"

Pan Hao, Liang Huawei*, Zhang Haiyang

Department of Physical Education, Henan Polytechnic University, Jiaozuo, Henan 454000, China

*Corresponding Author.

Abstract: Football has the reputation of "the world's number one sport", it is not only a fitness sport, but also a culture in today's society, which is loved by people from all walks of life. Regular participation in soccer can enhance the physical fitness of young people, cultivate the team spirit of striving for progress, unity and cooperation, and establish a sound personality. In this paper, the authors investigate the current situation of the development of elementary school soccer courses in Jiaozuo City, Henan Province through literature, interview and fieldwork methods, and propose solutions to improve the popularity of school soccer in Jiaozuo City by analyzing the infrastructure and supporting funds, curriculum design, teachers' strength, and campus soccer atmosphere.

Keywords: Jiaozuo City; Soccer; Soccer Courses; Carrying out the current situation

1 RESEARCH OBJECT AND METHOD

In response to the national youth school soccer work, the province has formulated the "Basic Requirements for School Football Schools in Henan Province" to ensure the rapid development of school soccer [1]. "It is an important way to promote students' all-round development and practice socialist core values, and an effective way to reform the education system and promote quality education. After years of exploration and development, school soccer in Jiaozuo City has achieved certain achievements in various competitions, but many problems have been revealed, resulting in the slow development of school soccer in Jiaozuo City. It is of great significance to promote the healthy growth of students and cultivate soccer reserve talents.

1.1 STUDY OBJECT

In this paper, 30 elementary school, including Tanan Road Primary School, Donghuan Road Primary School, Happy Street Primary School, Student Road Primary School, Hangui Road Primary School, Qingyang Second Primary School, Boai Xiuzhu Primary School, Zhongzhan Experimental Primary School, Wenxian Second Experimental Primary School and Macun Experimental Primary School in Jiaozuo City, were taken as the research subjects to explore the current

situation and construct a scientific soccer curriculum in elementary school in Jiaozuo City.

1.2 RESEARCH METHODOLOGY

1.2.1 LITERATURE METHOD

Through the search of China Knowledge Network, Chinese digital journals and school libraries, 433 academic journals and 392 academic papers were found with "soccer curriculum" and "elementary school soccer curriculum" as key words. Through the screening of literature, the policies and guidelines promulgated by the State General Administration of Sports, the official website of school soccer in Henan Province and the Bureau of Education and Sports of Jiaozuo City were collected and collated. It provides a solid theoretical foundation for the writing of this paper.

1.2.2 INTERVIEW METHOD

Through the interview method, interviews were conducted with the Jiaozuo Bureau of Education and Sports and school football-related officials, 30 school principals and physical education teachers to understand the current situation of soccer curriculum development in Jiaozuo elementary school, and in 2019 Jiaozuo City Jiefang District Yinghu Road Primary School, Jiaozuo City Zhongzhan District New Life Primary School, Jiaozuo City Macun District Jiu Lishan Primary School, Jiaozuo City Shanyang District Jiao Dong Road Primary School, Boai County Experimental Primary School, and Wen County Chengnei Primary School were named the 2019 National Youth Campus Football Featured School of the Year; 2021 Dading Primary School in Mengzhou City, Hengyong Office Central School in Mengzhou City, and Dongxing School in Boai County were named National Youth Campus Football Featured Schools of the Year 2021. These achievements show that school soccer in elementary school in Jiaozuo is growing and developing [2].

1.2.3 FIELDWORK METHOD

Through field visits to 30 elementary school in Jiaozuo, including Tanan Road Primary School, Donghuan Road Primary School, Happiness Street Primary School, Student Road Primary School, Hangui Road Primary School, Qingyang Second Primary School, Boai Xiuzhu Primary School, Zhongzhan Experimental Primary

***First author:** Pan Hao, Male, Han, 1994.3, Zhu Ma Dian, Henan Province, Master's Degree, Bachelor of Education, Research Field: Sports Training, Jiaozuo, Henan Province Henan Polytechnic University, Contact: 13243039208

Corresponding author: Liang Huawei, 1978.01, Male, School of Physical Education, Henan University of Technology, Professor, Graduate Advisor, Main Research Interests: Social Sports Management.

School, Wenxian Second Experimental Primary School, and Macun Experimental Primary School, we learned about the current situation of campus soccer infrastructure construction and soccer curriculum development in elementary school in Jiaozuo, discovered its factors affecting the development of elementary school soccer curriculum, made suggestions for the development of soccer curriculum in Jiaozuo, and promoted the further development of campus soccer in elementary school in Jiaozuo.

2. PROBLEMS IN THE DEVELOPMENT OF SOCCER COURSES IN ELEMENTARY SCHOOL IN JIAOZUO

2.1 MISCONCEPTIONS IN TEACHING PHILOSOPHY

Due to the influence of exam-oriented education, schools and school teachers tend to ignore physical education courses, under the premise of the teaching schedule is tight, language, mathematics and English teachers often use various reasons to occupy physical education classes, this occupation of classes in grades 1-3 is not very obvious, but when students move into grades 4-6, physical education classes are often the first time language, mathematics and English teachers consider occupying the course, first, the attitude of many teachers believe that in the outdoor running around is not as good as learning textbook knowledge indoors, which will be helpful for future advancement. Once teachers have this state of mind, it is easy to miss the opportunity of students' overall development. Secondly, under the guidance of the policy, schools at all levels have responded to the national call to provide all and sufficient physical education classes, and with limited teachers, the situation of one physical education teacher taking on multiple jobs has led some physical education teachers to choose to let students move freely during classes instead of leading them in planned exercises and learning football-related skills and knowledge. As a result, the higher the grade level, the less physical education classes students have, and even if some students want to show their abilities on the soccer field, they have no place to do so, which is not conducive to the healthy growth of students in the long run.

2.2 INADEQUATE INFRASTRUCTURE CONSTRUCTION AND LACK OF SUPPORTING FUNDS

A complete infrastructure is a prerequisite to guarantee the smooth teaching process, and it can also create a good soccer atmosphere on campus and improve students' concentration when learning. the author learned through a three-month visit and survey that due to the economic situation of schools is not very good, the sports infrastructure on campus is not very complete, some schools not only lack soccer fields, but also lack of soccer and other equipment, except for soccer featured elementary school have the corresponding supporting funds and venues, some schools do not have a complete field, such schools to carry out soccer courses can only be taught on a concrete floor or open

space, in Teaching in such conditions will invariably increase the riskiness of students' lessons, leading schools and parents to suspend soccer courses because of the physical and mental safety of students, and over time students gradually lose interest in soccer.

2.3 IRRATIONAL CURRICULUM DESIGN AND RANDOM TEACHING CONTENT

The teaching materials are the starting point and foothold of teaching, every sentence, every technical action is conveying the teacher's teaching information, if the teacher fails to deeply understand the teaching materials, they cannot accurately grasp the teaching objectives and become the puppet of the teaching materials, if the teaching is completely separated from the teaching materials, it is easy to cause confusion in teaching objectives, the teaching process does not have a systematic, scientific. Through the author's observation and research, some teachers do not systematically plan the syllabus of each grade before teaching, and they rely on their own experience in the teaching process, and the teaching content is random, which leads to the appearance that students do not have substantial growth at the end of the course.

2.4 INADEQUATE FACULTY

Teachers are the key to a hundred years of development. Teachers are the organizers and planners of the smooth development of teaching activities and the guides of students' learning knowledge, and their importance in the teaching process is self-evident. Through a survey on the strength of elementary school soccer teachers in Jiaozuo City, we know that many schools have a shortage of teachers in physical education and no full-time soccer teachers. In the teaching process, soccer is taught by other professional teachers who do not know much about soccer techniques and theories, and the lesson mode is simple and clear, choosing to play group games or free activities directly in the soccer course. This kind of permissive teaching increases students' interest in soccer to a certain extent, but it affects students' development when they want to learn techniques that teachers are unable to teach. the absence of professional soccer teachers in the teaching process will not only affect the quality of teaching, but also lead to a decrease in student interest. However, in the teaching process, other subjects have professional teachers to guide students to learn, but the soccer course is taught by non-professionals, students want to improve their soccer skills, but the teacher can't give help, that makes the soccer class boring and reduces students' interest in the sport.

2.5 INSUFFICIENT CAMPUS SOCCER ATMOSPHERE

The author learned by using fieldwork and interview method to investigate. First, school leaders do not attach much importance to soccer and do not support the development of soccer in schools. Second, because the school does not have extra funds to invest in campus soccer infrastructure construction, such as soccer fields, soccer equipment and other facilities, which restricts the development of campus soccer and cannot meet the

needs of students in classes; third, the school lacks teachers specialized in soccer, and if other teachers are teaching soccer, they cannot guarantee the quality of teaching and the safety of students in teaching activities, which also restricts the school from offering soccer courses; fourth, except for soccer schools other than the featured schools, never carry out football-related cultural activities, resulting in fewer opportunities for students to be exposed to soccer, and insufficient motivation for students to actively participate in soccer after school, which is also an urgent problem to be solved for the reserve of soccer reserve talents in China.

3. BUILD A SCIENTIFIC SOCCER CURRICULUM

3.1 CHANGE THE CONCEPT OF SOCCER TEACHING

Soccer is good for enhancing students' physical fitness, cultivating their collective consciousness and improving their social adaptability. Therefore, the importance of soccer education to students is self-evident. Schools and teachers need to change their teaching philosophy, improve their understanding of soccer, enhance their own learning of soccer theory and technology, and diligently specialize in soccer teaching methods and means in order to better teach students and increase their interest in the sport [3]. In the teaching process, teachers should find and solve the problems students encounter in class in a timely manner. Through a reasonable way to guide students, more students can enjoy soccer. Students of different levels should be taught according to their abilities, and students with certain athletic talents should be actively encouraged to let them develop their talents.

3.2 IMPROVE INFRASTRUCTURE AND ATTRACT SOCIAL POWER SUPPORT THROUGH MULTIPLE CHANNELS

Soccer field is an important foundation to guarantee the teaching and learning process. Schools need to improve soccer infrastructure to increase students' interest in soccer and improve the quality of classroom teaching. Therefore, schools can choose to cooperate with social forces to attract them to invest funds to build venues and improve the infrastructure through cooperation [4]. For example, signing a contract with an outside club for the use of the field, the school field is leased to the outside world during the winter and summer holidays when normal teaching activities are not affected, thus obtaining funds for the construction of school soccer. At the same time perfect infrastructure is conducive to improving the attention of students in the learning process and improve the learning trail; it is also conducive to cultivating students' interest in soccer, and in a certain Chengdu to protect the safety of students.

3.3 SCIENTIFIC ARRANGEMENT OF SOCCER CURRICULUM

There is an old saying that the insiders see the doorway, the outsiders see the hilarity, in soccer involves a lot of skills, not only need good physical quality, but also need to master a lot of kicking skills, only mastering the sports skills of kicking, can experience the joy in soccer.

the teaching level of teachers has a great influence on students' interest in learning. Insufficient teaching level of teachers, which is only a mechanical mode of transmission in the teaching process, will make students lose their motivation and interest in learning. On the contrary, the higher the teaching level of teachers, the more they will reasonably arrange the teaching content in the teaching process, adopt various teaching methods, and have fun with the course content, so that students will fall in love with soccer and love soccer classroom. Therefore, teachers should reasonably use various teaching methods and means, such as demonstration method, practice method, lecture method, etc. On the other hand, teachers should scientifically develop a soccer teaching curriculum, establish a complete teaching framework, let students do more practice while preaching, and let them play more football, which can not only cultivate students' professional skills, but also improve their physical quality and overall development.

3.4 IMPROVE FACULTY STRENGTH

The purpose of improving teachers is to make students enjoy soccer. Teachers can only teach students soccer skills better if they are excellent in their own quality, instead of students encountering problems and teachers being unable to answer them, which will lead to a decrease in students' motivation. As a soccer teacher, first of all, we should keep learning and improving ourselves to make our professional level further. Secondly, as an excellent soccer teacher, not only should have solid theoretical knowledge and high academic quality; but also master the laws of education and teaching, and pay attention to the reasonable design and arrangement of teaching contents; in the teaching process, we should also demonstrate by example, and play the role of teaching by example, in order to cultivate the spiritual qualities of students' compliance with rules, striving for progress, unity and cooperation, and dedication, and to develop positive and optimistic, hard-working the school can hire or introduce a higher level of education. Finally, schools can hire or bring in higher professionals to instruct students in soccer skills [5]. Professional soccer teachers can also be hired to provide guidance to school teachers to improve their soccer skills. Schools can also establish partnerships with off-campus soccer organizations and combine them to make the soccer curriculum more professional, scientific and fun, so that students can learn through entertainment and grow up happy and healthy.

3.5 STRENGTHEN THE CONSTRUCTION OF CAMPUS SOCCER CULTURE AND CREATE A CAMPUS SOCCER ENVIRONMENT

Schools should pay more attention to soccer, offer soccer courses in quality and quantity while actively carrying out activities such as principal's cup and class league, and establish a perfect campus soccer competition mechanism. At the same time, it should also strengthen the campus soccer culture and organize students to participate in football-related cultural salons and other activities on a regular basis, such as watching Chinese team matches to enhance students' patriotic

spirit [6] Let students experience the fun of soccer activities and promote the full development of soccer on campus.

4. CONCLUSION

To sum up, soccer, as a part of physical education, is the focus of school work, and the development of soccer courses can not only enhance students' physical quality, but also exercise students' quality of will and cultivate their ability of unity and cooperation. Vigorous development and construction of soccer curriculum can make students fall in love with soccer, make the originally bland and uninteresting physical education classroom active, so that students can be the little master of the soccer field, the little partner of soccer, and grow up healthy and happy in the process of learning.

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Design and Implementation of Moral Education Penetration Based on the Unit Integrated English Teaching of High School in China

Jie Li*, Yajuan Tian

WuXue Experimental High School, WuXue, Huanggang, Hubei, China

*Corresponding Author.

Abstract: Practicing discipline moral education is an important measure to achieve the general goal of the Ministry of Education of the People's Republic of China to establish morality and cultivate people. English, as a subject, has more moral education mining value. Moral education penetration under the overall planning and design of high school English units is more conducive to the systematic, relevance and sustainability of moral education penetration. This paper mainly discusses how teachers can combine the overall teaching planning of high school English units according to the English Curriculum Standards for the High School in China. meanwhile, teachers fully excavate the moral education elements within each section of the unit, establish a systematic goal of unit moral education infiltration, design multi-dimensional learning activities, create real situations, design after-school moral education evaluation standards, achieve the integration of teaching evaluation, thus, which enable students to receive moral education, cultivate emotional attitudes and values, and enhance the students' moral perception in the process of English linguistics learning experience.

Keywords: Integrated Teaching; Penetration; Moral education; Objective; Strategy

1. INTRODUCTION

The Outline of the National Medium-and Long-term Education Reform and Development Plan (2010-2020) points out that "education performs the fundamental requirement mission of fostering virtue", and adheres to the principle "moral education first, fostering virtue" and "moral education permeates into every aspect of education and teaching".

The English Curriculum Standards for Ordinary High Schools (2017 edition 2020 Revision) (referred to as the Curriculum Standards) points out that the development of student's English subject core competencies and the implementation of the fundamental task of fostering virtue through education is one of the tasks of the general senior high school English curriculum (Ministry of Education 2020). the implementation of the general senior high school English curriculum should take moral education as the soul, ability as the focus, foundation as the first priority, and innovation as the ultimate pursuit. In the process of developing students'

English language ability, the English curriculum should also help students learn, understand, and appreciate excellent cultures in China and other countries, cultivate love for China, strengthen cultural confidence, expand international horizons, enhance international understanding, improve cross cultural communication ability, thinking capacity, learning ability, and innovative ability, gradually, and form correct world views, life views, and values.

2. THE SIGNIFICANCE OF MORAL EDUCATION PENETRATION IN THE OVERALL TEACHING OF HIGH SCHOOL ENGLISH UNITS

The penetration of moral education into the overall teaching of high school English units can help teachers grasp the essence of cultivating virtue and talent in teaching, laying the foundation for students to acquire language knowledge, transform their abilities, and form literacy, thus serving the fundamental task of cultivating virtue and talent; Guiding students to interpret the same theme from different perspectives and conducting diverse teaching activities can help them build a coherent and integrated knowledge structure in the process of meaning exploration and problem-solving, promoting the integration and development of language ability, cultural awareness, thinking quality, and other aspects.

Based on the penetration of moral education, teachers should comprehensively control the content and significance of unit teaching, accurately design unit moral education goals by refining unit themes, exploring unit content, and other methods, construct a clear structure and rich context of unit moral education implementation blueprint, fully tap into the value and materials of unit moral education, and integrate the implementation of moral education goals into classroom teaching activities that reflect the theme, to create conditions for students to integrate and internalize the language knowledge and moral education content of the entire unit, thereby helping students integrate and develop language ability, cultural awareness, thinking quality, and learning ability in the overall learning of the unit, effectively implementing the core literacy of the subject and the educational concept of moral education, and realizing the value of subject education.

3. THE PROBLEM OF MORAL EDUCATION INFILTRATION IN HIGH SCHOOL ENGLISH TEACHING

Currently, there are mainly the following problems in the penetration of moral education in high school English teaching as follows:

3.1 The concept of moral education penetration is not strong

Due to the influence of traditional Teaching to the test, some senior high school teachers' teaching models still stay on solving language problems, rarely carry out moral education penetration, lack of understanding of moral education penetration, and their concepts are relatively backward.

3.2 Lack of planning for moral education penetration in teaching

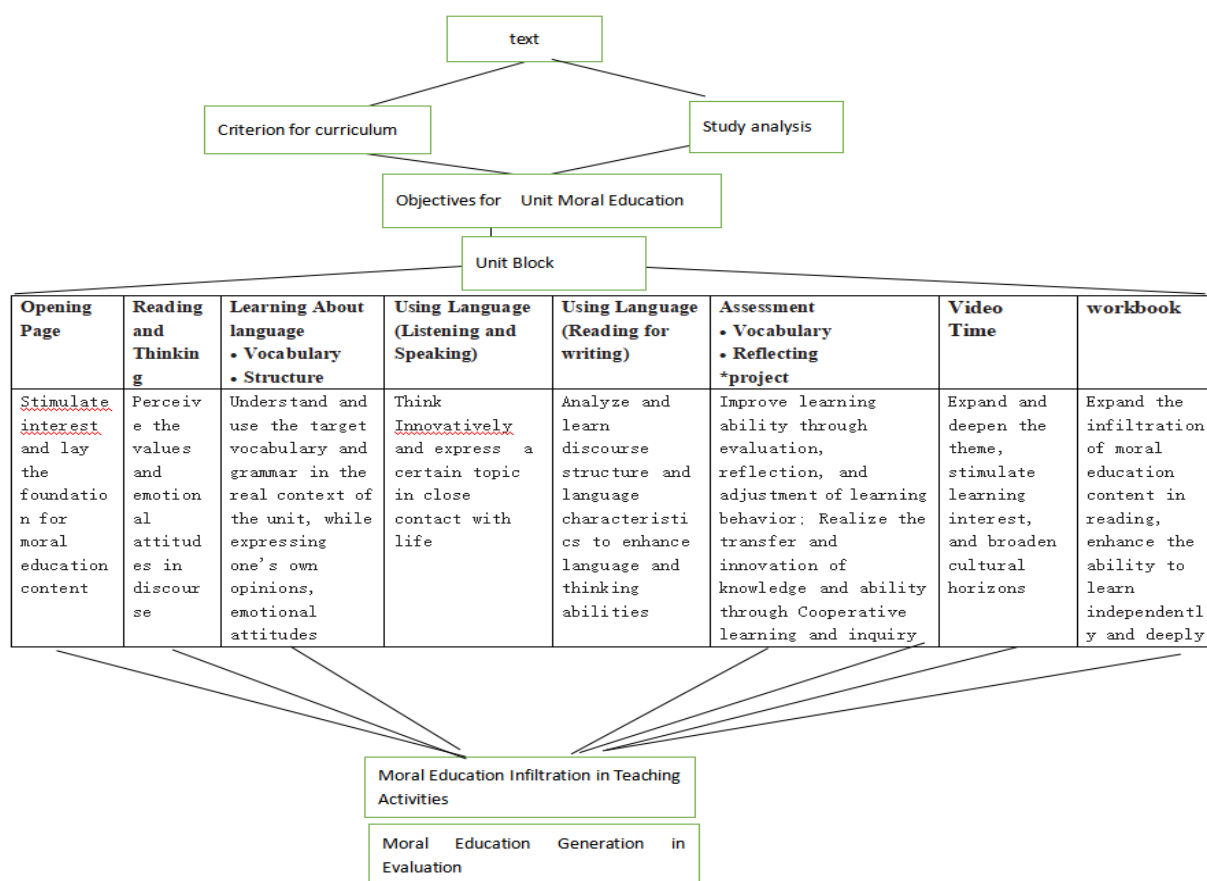
Some teachers have a sense of moral education penetration and a certain level of moral education penetration ability in the teaching process, but they are often casual and fragmented. Teachers rarely consider

planning the route of moral education penetration in the overall unit teaching. From the perspective of students' cognitive level, they design English learning activities from shallow to deep, achieving students' subtle acceptance of moral education infiltration in the English learning experience.

3.3 The penetration of moral education in teaching tends to be shallow

Some teachers have weak moral education penetration ability, which is reflected in their lack of proficiency in exploring moral education penetration points in English texts, which leads to moral education penetration being too straightforward, and they are not good at using English texts to design learning tasks and activities to help students perceive and comprehend emotional attitudes and values.

4. DESIGN IDEAS FOR MORAL EDUCATION PENETRATION BASED ON UNIT INTEGRATED TEACHING



By interpreting the thematic significance of the unit, the teachers in high school are supposed to integrate and optimize moral education content, explore the value of unit education, designed unit moral education goals, and implement the concept "teaching learning evaluation" integrated activities to achieve the goal of moral education penetration, what's more, teachers can enhance students' core English literacy and achieve the goal of subject education. the overall teaching of a unit

requires teachers to put all the sections of a unit together to design teaching content, and coordinate the content of the entire unit as a whole, integrate the meanings conveyed by each section, discover their connections, and consider the curriculum value from an educational perspective, that is, analyze the value and significance of individual content for students' growth, and clarify the curriculum value of the entire unit. the following shows the design idea for the moral education

penetration based on unit integrated teaching for the teaching in high school.

5. STRATEGIES OF CONDUCTING MORAL EDUCATION PENETRATION IN UNIT INTEGRATED TEACHING

Unit is an important path for implementing the core competencies. the overall teaching of the unit conforms to the cognitive and foreign language acquisition laws of students. By perceiving the unit discourse as a whole, students continuously acquire and apply language during the process of generating discourse meaning, and gradually promote the integration and development of language ability, cultural awareness, thinking quality, and learning ability. In this process, by exploring the moral education content of each section within the unit, the teachers establish moral education goals that are in line with the characteristics of the unit content and can be gradually achieved. Guided by the achievement of moral education goals, the content of moral education is integrated into various sections, and each section uses evaluation methods to evaluate the achievement of moral education goals.

5.1 Study the unit content and find out the opportunity of moral education

Each unit of the teaching material contains abundant moral education resources and rich educational value.

Teachers should fully explore the unit content to find the opportunity of moral education. Take Unit1 Required Elected Book1 as an example, this unit focuses on the theme of "accomplished people (People of Achievement)", covering a number of Chinese and foreign figures who have achieved outstanding achievements. Therefore, with the help of the relevance and layers among unit plates, I gradually carry out moral education penetration from point to surface. First, students will think about what a real achievement is by exploring the introduction of Tu Youyou, Abelt Einstein and Helen Keller. Then talk about and write about the people they admire by using the former knowledge. After that, students will further study the significance of the theme by writing biographies of great men as, further think and summarize the qualities and achievements of great men, and reflect on themselves, so as to make good career planning and life planning for becoming "valuable people". Finally, through the stories of some ordinary people in workbook, such as Huang Danian, to guide students to find the role models around and learn from them.

5.2 Set moral education goals in correspondence with unit themes

U1 People Of Achievement			
thematic context: man and society & man and self			
thematic categories: History, society and culture & Learning to be and learning to			
sub-themes: peoples have made outstanding contributions to society & Good conduct, correct life attitudes, citizen obligations and social responsibilities & Meaning and value of life & personal career preference, future planning			
Texts and Lessons	Activity Themes	Moral Education Goals	
Reading and Thinking Tu <u>Youyou</u> awarded Nobel Prize	Describe people of achievement	Understand the hardships and greatness of Tu <u>Youyou</u> and her team. To understand the outstanding contributions and value of traditional Chinese medicine to human health and world development to learn to be a valuable person	Learn about some people of achievement
Learning About language Vocabulary (<u>LuXun</u>) Structure (<u>SongQingling</u>)		Understand the life story of <u>LuXun</u> , <u>Soong Qingling</u> and <u>Sun Yat-sen</u> . To understand their great contribution to the rise of new China.	
Using Language Listening and Speaking (great people at home and abroad)	Explore the meaning of greatness	The scope of understanding great people can be expanded from accomplished people to ordinary people, inspiring students to understand the meaning of "great" and "success" and express their opinions to establish a correct outlook on life and values	Explore and study great people
Using Language Reading for writing The man who changed our understanding of the universe	Introduce someone you admire	Learn to introduce people you admire with a biography. And Learn to use stories to explain the character's qualities, with details to show character's image	Learn from great people or role models
Workbook reading and writing (<u>Huang Danian</u>)		From understanding the greatness of the big people to the respect of the nobody, to find the role models around you, learn to build their own goals in life.	

When setting the moral education goal of the unit, teachers should sort out the core content and moral education objectives of each section of the unit, to determine the overall goal of moral education of the unit that is in line with students' learning situation. Taking People of Achievement in UNIT from the required elective Book 1 as an example, the thematic contexts of this unit is "people and society". the thematic category is "history, society and culture", and the sub-thematic context is "people who have made outstanding contributions to the society". This unit also has an implicit thematic context is "people and self". the thematic categories is "learning to be and learning to do". the theme context involves "excellent conduct, correct attitude towards life, civic obligation and social responsibility, the meaning and value of life, as well as personal career tendency and future planning. " It covers five skills: listening, speaking, reading, writing and viewing, related to the theme of" accomplished people " at home and abroad. Under the theme of "people and society", we can lead students to understand, think and explore these accomplished figures from multiple angles, as well as the reasons and significance of their

success. Under the sub-theme of "people and self", students are guided to reflect on themselves, and can take these accomplished figures as their idols, and find the real models around them, so as to establish their own correct outlook on life and values, and make a good future career and life plan for becoming a "valuable person". here is the table on the moral education factors dug out based on the materials of text.

5.3 Design unit activities to infiltrate the moral education

The English Curriculum Standards advocates the activity-based approach to English learning that aims to cultivate students' core competencies. As the basic form of English learning, activities enable students to learn and use language to understand and express meaning, cultivate cultural awareness, develop multiple thinking capacity, and develop learning ability through the process of "learning and understanding, " "applying and practicing, " and "transferring and creating, " and integrate language, thinking, and culture. Therefore, Take the Reading and Thinking of this unit for example, to illustrate the process of Moral Education.

Reading and Thinking Tu Youyou awarded Nobel Prize			
thematic context: man and society — History, society and culture man and self- Learning to be and learning to			
Moral Education Goal: 1. Understand the hardships and greatness of Tu Youyou and her team and the outstanding contributions and value of traditional Chinese medicine to human health and world development 2. learn to be a valuable person			
Main learning Activities			
Types	Steps	Tasks	Purposes
Learning and Understanding	1. Retrieve, summarize, generalize and synthesize	① summarize the greatness of Tu Youyou and her team ② sort out the descriptive words about introducing Tu Youyou	Understand the great contributions made by Tu Youyou and her team and learn how to describe the character's quality
Applying and Practicing	2. Describe and interpret	Tell the story of how artemisinin was discovered by drawing a mind map	summarize and refine the greatness of Tu Youyou and her team,
	1. Analyze and judge	Analyzing the reasons why Tu Youyou and her team succeed	Further analyze the reasons for her success.
Transferring and creating	2. Criticize and evaluate	① Evaluate the hardness and greatness of Tu Youyou and her team ② Talk the outstanding contribution and value that traditional medicine has made to human's health and our society.	to establish a correct outlook on life and values
	3. Imagine and create	Set the scene: an interview activity after the Nobel Prize award ceremony Student A: reporter Student B: Tu Youyou	to reflect on themselves to make good future career and life plans for becoming "valuable people".

5.4 Use evaluation means skillfully to improve the effectiveness of moral education

Evaluation is the main link and means of moral education. the Curriculum Standard points out that the evaluation should focus on and promote the formation and development of students' core quality of English

subjects, and pay attention to the emotions, attitudes and values of students in the process of English learning. The following table is about self-assessment indicators designed for each section of this unit to evaluate the effective implementation of moral education.

Self-evaluation Standard of the Moral Education in Unit

Self-evaluation indicators	Self-evaluation contents	Excellent	Good	Average	Need improvement
Reading and thinking	1. I can correctly judge the genre and writing technique				
	2. I can sum up Tu Youyou's scientific research path, and draw mind map to describe it.				
	3. I can analyze the reasons for the success of Tu Youyou and his team.				
	4. I can infer the quality characteristics of Tu Youyou from the information in the text.				
	5. I can evaluate the hardships and greatness of Tu Youyou and his team, and talk about the contribution and value of traditional Chinese medicine to human health and world development.				
Learning about language	1. I can use word formation and transformation to expand my subject vocabulary learning.				
	2. I can understand and use 12 target words to describe the arduous scientific research path of Tu Youyou's team				
	3. I am able to understand and apply 6 target vocabulary, complete a short article about Lu Xun, sort out Lu Bing's life experience, and evaluate the characters.				
	4. I am able to observe, compare, and analyze, understand the differences between restrictive and non restrictive attributive clauses, and correctly use relative pronouns of attributive clauses in a short article about introducing Sun Yat sen.				
	5. I am able to use modifiers, target vocabulary, and attributive clauses to make up sentences that reflect on the heroes Lu Xun, Sun Yat sen, and Song Qingling.				
Listening and Speaking	1. I am able to use keywords that express causal relationships and fillers in conversations.				
	2. I am able to collaborate in a group, analyze and judge the reasons for the greatness of these characters, and express my own opinions.				
	3. I am able to use the content and language I have learned in the subtask "My Understanding of Greatness" to discuss my understanding of "greatness" and "success" and provide reasons.				
Reading for writing	1. I can obtain and organize methods for introducing people I admire through biographies, paying attention to narrative order, descriptive vocabulary, and the use of rhetorical devices.				
	2. I am able to use the writing skills I have learned to write a biography of a character using the "square grid writing method". I use stories to explain the character's personality, details to describe the character's image, and evaluate the character's achievements.				
	3. I am able to conduct self-evaluation and mutual evaluation of writing based on the evaluation scale.				

6. CONCLUSION

The implementation of moral education infiltration based on unit holistic teaching in high school English teaching is conducive to unifying the learning and educational value of integrated knowledge. Teachers are expected to refine unit theme, explore unit content, accurately design unit moral education goal, construct clear structure, build moral education blueprint, and fully dig out moral education value of every section in unit. Above all, the implementation of the moral education goal should be put into the teaching activities, also, teachers should take advantage of unit integrated teaching, summarize practical experience, overcome the weakness of fragmented and superficial teaching, and establish a integrated, diverse, and themed teaching mindset to study the connotation, significance, and strategies of the overall teaching of high school English units based on thematic significance from shallow to deep, so as to provide students with deep and broad learning activities, cultivating students' core abilities, and promote their comprehensive development.

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Interpretation of the Key Points of the Value Added Tax Law of the People's Republic of China (Draft)

Yuqi Feng*

Zibo Vocational Institute, Zibo, Shandong, China

*Corresponding Author.

Abstract: On December 27, 2022, the Value Added Tax Law of the People's Republic of China (Draft) was first submitted to the Standing Committee of the National People's Congress for review. After its approval, it was once again publicly solicited for opinions, marking a substantive step forward in China's value-added tax legislation. What changes have been made to the Value Added Tax Law of the People's Republic of China (Draft) compared to the Provisional Regulations on Value Added Tax of the People's Republic of China and the Value Added Tax Law of the People's Republic of China (Draft for Soliciting Opinions)? This is the key to understanding the draft and the fundamental basis for further improving it.

Keywords: Value Added Tax Law (Draft); Change; Suggestion

1. THE IMPLEMENTATION STATUS OF VALUE ADDED TAX IN CHINA

1.1 Wide coverage and significant influence of value-added tax

In 2016, China fully implemented the “business tax to value-added tax” policy, and the business tax withdrew from the historical stage. Its original scope of taxation was replaced by value-added tax. From then on, the scope of value-added tax taxation includes goods, labor services, services, intangible assets, and real estate, covering various industries and the entire production process. Value added tax is the largest tax category in China, and its position and influence in China's tax revenue are beyond doubt, as shown in Table 1:

Table 1 Value added tax as a percentage of total tax revenue from 2018 to 2022

Project Time	Domestic VAT revenue (100 million yuan)	Tax revenue (100 million yuan)	Proportion of domestic VAT to total tax revenue (%)
2018	61529	156401	39.34
2019	62346	157992	39.46
2020	56791	154310	36.80
2021	63519	172731	36.77
2022	48717	166614	29.24

Data source: Official website of the Ministry of Finance
From the above table, it can be seen that in the four years from 2018 to 2021, value-added tax revenue accounted for nearly 40% of the total tax revenue. In 2022, the country adopted a policy of retaining, offsetting, and refunding taxes, resulting in a significant decrease in value-added tax revenue, which also accounted for nearly 30% of the total tax revenue. In the income ranking of the main tax categories that year, value-added tax still ranked first, as shown in Table 2.

Table 2 The proportion of main tax revenue to total tax revenue in 2022

Project	Tax revenue (100 million yuan)	Proportion in total tax revenue (%)
Domestic VAT	48717	29.24
Domestic excise tax	16699	10.02
Corporate income tax	43690	26.22
Individual income tax	14923	8.96
Tariff	2860	1.72

Data source: Official website of the Ministry of Finance

As the first type of tax with wide coverage and great influence, there has been no formal legislation yet. The current “Provisional Regulations” were issued by the State Council in 1993. Although they have been revised multiple times and the business tax and value-added tax have been integrated after the “business tax to value-added tax” policy, it has always been a “temporary regulation” that has not been upgraded to a “law”. The report of the 20th National Congress of the Communist Party of China also put forward requirements to build a socialist legal system with Chinese characteristics, improve the socialist legal system with Chinese characteristics, promote the legalization of all aspects of work, optimize the business environment, and promote high-quality development along the “the Belt and Road”. Therefore, it is of great significance to promote value-added tax legislation based on the current economic situation and value-added tax reform practice in China, and drawing on the experience of other countries.

1.2 Complex regulations and documents related to value-added tax

Value added tax has not been legislated, but there are many related regulations. In 1993, the Provisional Regulations were officially introduced, and in 2009, value-added tax transformation was implemented. the Implementation Rules of the Provisional Regulations of the People's Republic of China on Value Added Tax were revised. the pilot work of replacing business tax with value-added tax began in Shanghai in 2012. After four years of pilot reform, the comprehensive implementation of replacing business tax with value-added tax was achieved in 2016. Therefore, the Provisional Regulations underwent a second major overhaul. Afterwards, efforts were made to optimize value-added tax, simplify and adjust value-added tax rates for three consecutive years, pilot the implementation of end of period tax refunds, increase the policy of additional deductions, and expand the scope of deductions. In the three years since the epidemic, large-scale tax and fee reductions have been implemented, a series of preferential policies have been formulated to reduce the burden on enterprises, help resume work, production, and sales, optimize the business environment, and achieve the goal of helping enterprises alleviate difficulties and benefit people's livelihoods. To ensure the implementation of every step of value-added tax reform, the State Council, the Ministry of Finance, and the State Administration of Taxation have issued a series of normative documents such as announcements and opinions.

The complex regulations bring practical problems to practitioners: firstly, they do not grasp the documents in a timely manner and cannot complete tax work according to the latest requirements, and tax personnel also feel overwhelmed with the issued documents; Secondly, there are multiple adjustments in the timing of the new and old policies applicable to the same business, such as overlapping and additional deduction ratios. Financial personnel are prone to errors if they are slightly negligent; Thirdly, frequent updates to regulatory documents and limited publicity and guidance periods have led to deviations in the understanding of financial personnel towards the documents, as well as inconsistent understanding and answering of policies by tax authorities, resulting in difficulties in tax collection and management.

1.3 Low level of value-added tax regulations

The current value-added tax is mainly based on the revised Interim Regulations in 2017 and the Announcement of the Ministry of Finance, State Administration of Taxation, and General Administration of Customs on Deepening the Reform of value-added tax issued in 2019. the former belongs to the tax regulations issued by the State Council, while the latter belongs to the tax normative documents formulated by administrative departments, which are not as effective as the Value Added Tax Law. Value added tax was introduced in China in 1979, and after more than 40 years of continuous modification and

improvement, there is still no legislation, which is highly incompatible with the status of the largest tax category.

As of now, out of the 18 tax categories imposed in China, 12 have completed legislation, while the remaining 6 have not been legislated, including value-added tax. Even the youngest tax category among the 18-environmental protection tax - appeared late and had a relatively high starting point, but was already legislated in 2016.

In recent years, the country has accelerated the process of tax legislation. In addition to environmental protection tax, there were 8 tax categories legislated between 2018 and 2022, which consolidated the achievements of previous tax reforms through legislation. After the reform of replacing business tax with value-added tax and further deepening value-added tax related reforms, value-added tax has become more stable. the proposal of the Value Added Tax (Draft) to the Standing Committee of the National People's Congress for review is an opportunity for value-added tax legislation to catch up.

2. SIX MAJOR CHANGES IN THE VALUE ADDED TAX LAW (DRAFT)

Compared to the Provisional Regulations, the Draft for Soliciting Opinions, and the Draft Value Added Tax Law, the adjustments and changes mainly include the following six aspects:

2.1 The concept of "taxable transaction" was put forward, and the word "labor service" became history.

Article 1 of the Value Added Tax Law (Draft) puts forward the term "taxable transactions" and defines "taxable transactions" as including sales of goods, services, intangible assets and immovable property. the "Processing, repair and repair services " in the Provisional Regulations is deleted, which does not mean that there is no tax. From the description in Article 7 of the Value Added Tax Law (Draft) that "taxpayers sell goods, processing, repair and repair services, tangible movable property leasing services. at a tax rate of 13%", it can be seen that "labor service" is merged into "services" for tax calculation, marking the official withdrawal of the term "labor service" that has existed for decades in the history of Value Added Tax in China.

2.2 The original regarded as sales content significantly simplified

Article 4 of the Value Added Tax Law (Draft) lists four situations that are regarded as taxable transactions. Only the relevant contents of "using self-produced or consigned goods for collective welfare or personal consumption" and "donating goods, intangible assets, immovable property or financial products to others" are retained. the original "sales agency behavior" in the Provisional Regulations, "having two or more institutions to implement unified accounting for taxpayers and transferring goods to other places", "for non-Value Added Tax taxable projects", "investment" and "distribution" are deleted, indicating that these behaviors are identified as "normal sales behavior", but

no longer belong to “regarded as sales”. the Draft for Soliciting Opinions once reserved an exception to the deemed taxable transactions of “gifts” - “excluding those used for public welfare undertakings”, which did not appear in the Value Added Tax Law (Draft). Does this mean that goods, intangible assets, immovable property or financial products used for external gifts, even for public welfare purposes, still need to be taxed? You can pay attention to changes in the content during subsequent deliberations.

It is also worth noting that after replacing business tax with Value Added Tax, there is a content about “providing services free of charge” in the “regarded as sales”, which did not appear this time.

2.3 Value Added Tax taxpayers did not make a clear distinction

The second chapter of the Draft for Soliciting Opinions states that “units and individuals whose sales have reached the Value Added Tax threshold” are Value Added Tax taxpayers, with a threshold of three hundred thousand yuan for quarterly sales. Those who have not reached the threshold are not taxpayers, and those who have reached the threshold can choose to pay taxes voluntarily. the threshold is a concept of tax incentives, which should not be the standard to determine whether a taxpayer is a tax preferential. Therefore, in the fourth chapter of the Value Added Tax Law (Draft), it is amended: “Taxpayers who have taxable transactions and whose sales do not reach the Value Added Tax threshold stipulated by the State Council shall be exempt from Value Added Tax; If the threshold is reached, Value Added Tax shall be calculated and paid in full in accordance with the provisions of this Law.” At the same time, Value Added Tax Law (Draft) also mentions in Article 6: “Taxpayers who have taxable transactions shall calculate and pay Value Added Tax according to the general tax calculation method, except small-scale taxpayers and other applicable simple tax calculation method. the standards for small-scale taxpayers and the application of simplified tax calculation methods shall be stipulated by the State Council. In both the Draft for Soliciting Opinions and the Value Added Tax Law (Draft), the identification criteria for small-scale taxpayers and the application of simple tax methods are not specified.

2.4 Cancel the 5% imposition rate

Both the Value Added Tax Law (Draft) and the Draft for Soliciting Opinions maintain the current four tax rates, namely 13%, 9%, 6%, and zero tax rates. the imposition rate has been reduced from two levels to one level of 3%, and the 5% collection rate has been abolished. On the one hand, it can reduce the tax burden on taxpayers, and on the other hand, it can also simplify the tax rate range. Whether it is small-scale taxpayers or simple taxpayers, the 3% tax rate is applicable.

2.5 Significant changes in the non deductible input tax items

In Article 17 of the Value Added Tax Law (Draft), the provision that “the input tax corresponding to purchased loan services is not deductible” has been deleted, and

only “the input tax corresponding to purchased and directly used for consumption of catering services, residents' daily services, and entertainment services” has been retained as non deductible. This means that the input tax generated by enterprise interest payments can be deducted, which is one of the most eye-catching aspects of the current revision of the Value Added Tax Law (Draft).

Loan interest increases the operating costs and financial pressure of enterprises, especially those capital intensive enterprises. the problem of difficult and expensive financing is also prominent in small and medium-sized enterprises, especially under the influence of the epidemic. When seeking hopeless from financial institutions such as banks, they turn to local banks or small loan companies for loans to solve the problem of insufficient working capital. However, the high interest costs make these small and medium-sized enterprises even worse. Including loan interest within the deductible range of input tax is undoubtedly a surprise for these enterprises.

Article 17 of the Value Added Tax Law (Draft) emphasizes that only the input tax on catering, residents' daily and entertainment services directly used for consumption shall not be deducted. If the purchase is not directly consumed, but is used for sales or reproduction to form the final product of the enterprise, the input tax can be deducted. This change has narrowed the scope of non-deduction, and the deduction system has been further refined and humanized, benefiting relevant enterprises that provide these three services.

2.6 Legalization of Value Added Tax retention and refund system

In 2019, in accordance with the Announcement on the Policy of Deepening the Reform of Value-added Tax, China began to implement a trial Value Added Tax tax rebate system. In 2022, the scope of tax credits and rebates was further expanded. Among the more than 4 trillion yuan in tax support policies that year, Value Added Tax credits and rebates exceeded 2.3 trillion yuan, becoming the mainstay of tax support policies. In order to consolidate the achievements of the reform and practice of tax deduction and refund, and to comply with the trend of international development of the tax system, Article 16 of the Value Added Tax Law (Draft) specifically specifies that “the portion of the input tax amount in the current period that is greater than the output tax amount in the current period can be carried forward to the next period for further deduction or refund.” This fixes the tax deduction and refund system from a legal perspective and becomes a long-term policy to be implemented, As Li Jun, a partner of PwC, said in an interview with a reporter from First Financial News, “The tax rebate policy will not be cancelled with the end of the epidemic, but will be further expanded and improved with the process of value-added tax legislation and depending on the financial capacity

3. SUGGESTIONS ON THE DRAFT VALUE ADDED TAX LAW

3.1 Further simplify Value Added Tax rate

Data shows that the average standard tax rate of 152 countries or regions worldwide that levy value-added tax is 15.3%. From this perspective, the standard tax rate of value-added tax in China is lower than the international average level. Among the 152 countries or regions that levy value-added tax, 59 countries or regions implement a first tier tax rate, 37 implement a second tier tax rate, 39 adopt a third tier tax rate, 10 adopt a fourth tier tax rate, and 7 adopt a fifth tier or higher tax rate, including China (the above data includes tax rates and does not consider zero tax rates). The "Value Added Tax Law (Draft)" retains three tax rates and one tax rate, except for zero tax rate. By comparison, it still belongs to countries with higher tax levels and should adjust the tax rate level in accordance with international trends.

In addition, China's most important partners in the construction of the "the Belt and Road", such as Singapore, Malaysia, Indonesia, Thailand, Vietnam, Korea, Russia, Saudi Arabia and other countries, most of which set relatively low levels of Value Added Tax rates. As an initiator of the "the Belt and Road" initiative, we should keep pace with our partners and play a leading role in the reform of the tax system. In the subsequent review and revision process of the Value Added Tax Law (Draft), it is recommended to further integrate and simplify tax rates.

3.2 Supplement the content of "free services" in taxable transactions

The Value Added Tax Law (draft) considers taxable transactions to involve goods, intangible assets, real estate, and financial goods, but does not mention "services" that are also taxable transactions. After the reform of business tax and value-added tax, the "Provisional Regulations" specifically added the provision of "free services" in the deemed sales section, which is deemed to pay value-added tax as sales services. For example, when a restaurant owner invites old friends to dine in our restaurant for free, it is not considered a normal sales behavior. If it is not recognized as a taxable transaction, it means that the behavior does not involve value-added tax obligations and will cause taxpayers to subjectively evade tax, causing the loss of national tax revenue.

3.3 Consider including 'taxable transactions for public welfare purposes' as a value-added tax exemption item

In the current Provisional Regulations, the provision of services, intangible assets, or immovable property without compensation is considered as sales, except for those used for public welfare or for the public. It is stated that those used for public welfare or for the public may not be subject to value-added tax, which reflects the humanitarian spirit of value-added tax. In real life, many people feel that it is not easy to master the concept of "used for public welfare or targeting the public", and there is no unified identification standard, which can easily lead to confusion. This may also be the reason why the Value Added Tax Law (Draft) ultimately

deleted the phrase "except for those used for public welfare or targeting the public". From the perspective of the overall situation, it is more reasonable to provide free services, intangible assets, or real estate for public welfare purposes without paying taxes. To solve the problem of difficult definition of public welfare undertakings, we can refer to the standard of public welfare donations in the Enterprise

3.4 Several areas that need to be clarified

Article 6 of the Value Added Tax Law (Draft) states that when taxpayers engage in taxable transactions, they should be taxed according to the general tax calculation method, except for small-scale taxpayers and other taxpayers who apply the simple tax calculation method. However, the identification criteria for small-scale taxpayers and the situation where the simple tax calculation method is applicable are not explained, but rather are stipulated by the State Council. On the premise of reasonably controlling the number of value-added tax related regulations, avoiding the recurrence of complex regulations and reducing the difficulty of implementing regulations, the scope of application of small-scale taxpayer identification standards and simple tax calculation methods can be clearly stated in the draft. Similarly, Article 21 stipulates that taxpayers who engage in taxable transactions and whose sales revenue does not meet the value-added tax threshold set by the State Council shall be exempt from tax; If the threshold is reached, full tax will be calculated. Article 15: If the sales revenue of taxpayers is unreasonable and without reason, the tax authorities shall verify their sales revenue in accordance with the prescribed methods. There are already mature methods in the Provisional Regulations, whether it is the starting point or the approval method of tax authorities, which can also be referenced in the draft.

4. CONCLUSION

In general, the "Value Added Tax Law (Draft)" needs to be reviewed 2-3 times by the National People's Congress and the Standing Committee, and there are still many areas that need to be supplemented and improved. Even if value-added tax is fixed in legal form, it does not mean that the value-added tax law is rigid, but will only make the collection and management work more scientific and rigorous. Legislation does not mean completion or end, and future value-added tax reform has always been on the way.

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Research Progress on The Effect of Cognitive Behavioral Therapy On Diabetic Patients

Yang Wang

Zibo Vocational Institute, Zibo, Shandong, China

Correspondence: w14yang@126.com

Abstract: A clinical study was conducted on the intervention of cognitive behavioral therapy on blood glucose control and sleep quality in diabetic patients. The paper summarized and studied the intervention effect of cognitive behavioral therapy in diabetic patients, which is conducive to improving the effective use of cognitive behavioral therapy in the treatment of diabetes, so as to improve the treatment effect and quality of life of diabetic patients in all aspects of the whole cycle.

Key words: Cognitive Behavioral Therapy; Diabetes; Research Progress

1. COGNITIVE BEHAVIORAL THERAPY

According to IDF Diabetes Atlas (10th edition) released by the International Diabetes Federation, about 537 million people worldwide are living with diabetes in 2021, with about 140 million in China, ranking first in the world. More than 90% have type 2 diabetes mellitus (T2DM). Once the disease can not be completely cured, it needs lifelong medication, so it has become one of the most serious public health problems. Due to the improvement of living standards, people's diet structure has changed, thick and fatty food is more popular, diabetes patients also appear younger trend. Cognitive behavior therapy (CBT) is a short-range psychological treatment to eliminate negative emotions and behaviors by changing negative cognition. It is widely used in the treatment of mental disorders because of its painless and long-lasting advantages. Clinical studies have shown that CBT can effectively alleviate the negative emotions such as depression and anxiety disorders in diabetic patients, and improve their negative emotions by changing their own false cognition, thereby reducing blood sugar levels and reducing complications, thus comprehensively improving the quality of life of diabetic patients.

CBT includes many different therapies such as Aaron T. Beck's cognitive therapy and Donald Meichenbaum's cognitive behavioral therapy. CBT is a form of short-term treatment that combines the principles and methods of both cognition and behavior with selected empirical studies. It has the following characteristics: the client and therapist are cooperative; It is assumed that psychological pain is largely the result of the dysfunction of cognitive processes. Emphasis on cognitive changes resulting in emotional and behavioral changes; Short-term educational therapy for specific target problems. Therefore, cognitive behavioral therapy is a cognitive model built on the basis of behavioral therapy and psychoanalytic therapy,

emphasizing the role of homework, focusing on mutual homework and family relations. The emergence of psychological disorders is not the direct expression of people's stress response to the event itself, but through the previous experience and cognition, distorted and wrong thinking. Therefore, people's emotional expression and behavior activities are related to the knowledge and understanding of events, and wrong cognition will lead to bad emotions, further affect psychological feelings and physical functions, and eventually lead to a series of health problems.

CBT has certain advantages in multicultural counseling, and beliefs and behaviors can be corrected only after understanding the core values of different cultures. Traditional CBT focuses on conversation, with a long treatment cycle and many conversations. The interviewer not only needs a professional therapist, but also has high requirements on personnel technology, environment, venue and time arrangement, which is not conducive to implementation in areas with inconvenient transportation. The Opinions on Promoting the development of "Internet+Medical and Health" issued by the General Office of the State Council in 2018 clearly put forward "promoting the deep integration of the Internet and medical and health", marking that "Internet+medical and health" has become a new model and laid a solid foundation for the interoperability and sharing of medical and health information. Based on the rapid development of the Internet, web-based CBT uses network technology to intervene in the interviewees, so as to change the behavioral activities of patients with wrong cognition. Due to its advantages of low cost, convenience, and no geographical restrictions, CBT has gradually become a widely used type of treatment. Therapists can give feedback at any time according to different situations of clients and provide personalized treatment methods for different patients. The emergence of ICBT has further developed cognitive behavioral therapy, reduced additional medical expenses, saved medical costs, and improved treatment efficiency, which has been widely used in the world.

2. TREATMENT MODE

The therapeutic interventions of CBT insist on cognitive processes as the primary determinants of behavior. The basic process is to construct a comprehensive psychopathological theory combined with psychotherapy to conduct empirical research, verify the theory and test the effectiveness of treatment, and can be systematically applied to a series of diseases such as depression, anxiety, phobia, panic disorder and

personality disorder. CBT models include case conceptualization, cooperative therapeutic relationships, Socratic questioning, cognitive remodeling, and structural and psychoeducational models. Case conceptualization is a service intervention plan aimed at specific problems of a case. By making theoretical assumptions on specific problems raised by patients, it helps therapists to choose the right approach and determine the direction of intervention, so as to meet the specific needs of different patients. In cooperative therapeutic relationship, patients assume important responsibilities, while Socratic questioning is dialogistic questioning, which uses open questions to stimulate patients' curiosity and exploration ability, and helps to cultivate patients' active participation and critical thinking. the therapist asks a series of targeted questions to guide the patient's emotional thinking and behavior toward the treatment goal. Cognitive remodeling is to change the cognition of patients, change the ineffective automatic thoughts of patients, and strengthen the cognitive ability of active rationality, so as to maintain reasonable emotions and behaviors. With the improvement of medical technology, CBT has evolved to include dialectical behavior therapy, rational emotive behavior, mindfulness-based cognitive therapy, and metacognitive therapy.

3. INTERVENTION EFFECTS OF COGNITIVE BEHAVIORAL THERAPY

Studies at home and abroad have proved that CBT can significantly improve insulin resistance in pre-diabetic people. Psychological interventions such as stress management, supportive groups and CBT have significant effects on reducing the degree of stress response, improving glycated hemoglobin and depression and anxiety in diabetic patients. Yi Shuwei et al. conducted a clinical experiment on 90 patients with type 2 diabetes. the experimental group was treated with metformin, gliclazide, acarbose and other hypoglycemic drugs orally combined with CBT, once a week for 1 hour each time, 4 times in each stage, for a total of 12 weeks. In the early stage, we should establish a cooperative treatment relationship based on trust, understand the patients' basic beliefs in life and their assumptions and expectations about the disease, and evaluate the patients' important life events, existing problems, living environment, coping styles, social support and bad beliefs. Then explain the principles of CBT to patients, help them understand the relationship between negative automatic thinking, imagination and behavior and disease, guide patients to reevaluate their beliefs about disease and life, help them establish new cognitive models and correct cognitive biases. Finally, it is necessary to summarize the treatment and consolidate and strengthen the therapeutic effect. the results show that CBT can effectively improve depression and anxiety in people with type 2 diabetes, and help diabetics control blood sugar. Xiao Yimiao et al carried out the combined intervention of escitalopram and CBT in patients with type 2 diabetes, and the experimental group carried out CBT treatment

intervention for 12 weeks, once a week for 45 minutes each time, including establishing a good doctor-patient relationship, understanding the root causes of patients, correcting false cognition, identifying the cognitive hypothesis of confidence dysfunction, and establishing correct cognition. the results of the study showed that the combination of CBT was more effective in controlling patients' blood sugar levels. A cognitive behavioral intervention by Hector Velazquez-Jurado et al. in 1208 Mexican patients with type 2 diabetes showed that both hemoglobin and triglycerides were controlled.

With the progress of medical technology and the continuous development of the Internet, cognitive behavioral therapy is of great significance for reducing the blood sugar level of patients, improving the quality of life and promoting mental health due to its convenient operation and obvious effect. CBT runs through the whole process of the treatment and care of diabetes patients and is gradually applied in clinical practice. the arrival of the era of big data makes the application of cognitive behavioral therapy more efficient and convenient, but no standardized diabetes network intervention system and model have been formed. Therefore, how to make Internet+technology better applied in the field of diabetes treatment in the future still needs further research.

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How Do Counselors In Higher Vocational Colleges Carry Out Students' Mental Health Education

Qian Li

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Higher vocational education is an important part of a complete education system in our country, as well as the main position and platform for training talents in our country and society, can provide a large number of employment, professional, technical and compound talents every year, so the guarantee of higher vocational education scientific and rational, has very important significance and value. Considering the actual performance of vocational students in school and society, many students have more or less mental health problems, which requires vocational colleges to pay more attention to mental health education and take reasonable and effective mental health education measures in the educational reform. This paper analyzes the significance, problems and strategies of carrying out students' mental health education from the perspective of higher vocational counselors, in order to share and communicate with educators.

Keywords: Higher vocational education stage; A counselor; Mental health education; Problems and strategies

1. INTRODUCTION

Higher vocational counselors are an important force to carry out management work for students, including students' accommodation, diet, study, thought, mental health and other work content. It can be said that counselors are the escorts to ensure students' normal learning, growth and development. Based on the nature and characteristics of the counselor's management work, the counselor has very close contact with students, and its degree is far more than that of the substitute teachers in various subjects, which indicates that the counselor has advantages and conditions incomparable to other teachers in carrying out mental health education. At present, vocational counselors have many limitations and drawbacks in carrying out mental health education, mainly including single work mode, insufficient ideological attention, and tense relationship with students, which seriously affect the quality and effectiveness of mental health education to a certain extent, and of course, reduce the value of vocational counselors in management work. Based on this, higher vocational counselors should re-examine their responsibilities and functions, clarify the significance of their own management work, and actively seek and innovate new paths and new methods to carry out students' mental health education, aiming at helping vocational students develop a healthy, positive and correct mental state.

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2. THE SIGNIFICANCE OF VOCATIONAL COUNSELORS TO CARRY OUT STUDENTS' MENTAL HEALTH EDUCATION

Vocational college students often have serious psychological problems such as learning anxiety, learning fatigue, learning inferiority, lack of learning motivation, learning slack, giving up, self-denial, etc., which will cause huge resistance to students' professional learning and cultural course learning. If students cannot be timely helped to overcome the above psychological problems, It is easy to adversely affect the future employment development of students [1]. For example, after vocational college students successfully graduate into the enterprise development, the psychological problems during the study period will be shown again, some students in the job work show slack, disobedience to management, leaving and other behaviors, and even some students can not stick to the end no matter what kind of occupation. As the life and study management personnel who have the closest contact with students, vocational counselors can make use of their advantages in mental health education to carry out reasonable and scientific ideological guidance and behavioral education for students, so as to help students eliminate wrong ideological consciousness and psychological problems, and lay a solid foundation for students' learning and later social development. It can be seen that higher vocational counselors carry out students' mental health education, to maintain students' psychological and ideological health, to promote students' learning and future development, has a very important significance and value.

3. VOCATIONAL COUNSELORS TO CARRY OUT STUDENTS' MENTAL HEALTH EDUCATION PROBLEMS

3.1 Mental health education works in a single way

Although higher vocational counselors have advantages and conditions superior to other teachers in the work of students' mental health education, whether they can bring their advantages into full play effectively depends on whether the counselors have good working ability. According to the actual situation of mental health education work carried out by higher vocational counselors, the problem of single working mode is obviously reflected, which is mainly manifested in the following aspects: Some counselors like to use the principle of the work of students, often in the dormitory or class as a unit, to lecture students tirelessly, this generalized mental health education work mode, it is difficult to play its due value and role, and even cause

students' antipathy, and eventually lead to students' psychological problems.

3.2 Lack of sufficient attention to their own work

Vocational counselors need to manage students' daily life and assist teachers to carry out various teaching work. By contrast, the work of counselors is not easy, which leads to their neglect of mental health education to a certain extent. In addition, some higher vocational counselors believe that the main task of students is to master professional skills and knowledge, and students need to solve and correct their own psychological problems. Based on this understanding, counselors put more emphasis on learning management, so that mental health education is ignored and neglected [2]. In addition, higher vocational counselors believe that they do not have professional psychological knowledge and that it is difficult to play the role and effect of mental health education, so in more cases, mental health education is placed on professional teachers and medical workers, which is the lack of ideological attention and self-denial of counselors.

3.3 The relationship with students is contradictory and tense

The advantages of higher vocational counselors in carrying out mental health education mainly lie in the close contact between counselors and students, but from the actual situation, counselors have not translated their advantages into actual results. For example, the relationship between many counselors and students is contradictory and tense, and even hostile to each other, which causes great resistance to the follow-up work of mental health education.

4. VOCATIONAL COUNSELORS CARRY OUT STUDENTS' MENTAL HEALTH EDUCATION STRATEGIES

4.1 Innovating the working methods of mental health education

Mental health education, as one of the important contents of the management of higher vocational counselors, requires counselors to have good working ability, especially in the way of work should conform to the law of physical and mental development of higher vocational students, so as to ensure the comprehensive quality and effectiveness of mental health education. Based on this, higher vocational counselors must reasonably innovate the way of work in order to better play their own advantages in carrying out students' mental health education. In the author's opinion, higher vocational counselors can organize more practical activities or extension activities, such as choosing a suitable time to organize students to carry out a team building, relieve students' boring and tense learning state, and have a deep understanding of each student's actual situation in the team building, and then implement scientific and effective methods such as psychological rationalization, ideological guidance and spiritual encouragement for each student. This kind of mental health education work mode can create the conditions of spiritual communication, and can help counselors to carry out education work more efficiently.

4.2 To increase the importance of their own work

Higher vocational counselors should correctly position their responsibilities and make clear the importance of their work in students' mental health education, so as to make use of their own work advantages to protect the development of students' mental health. For example, higher vocational counselors should regard mental health education as their own work, and hold the ideology of daring to undertake and dare to practice, and carry out targeted mental health education for each student.

4.3 Maintain a harmonious and equal relationship with students

A harmonious and equal relationship between teachers and students is a prerequisite for effective communication. Vocational college counselors should maintain an equal attitude of getting along with students in daily life or in specific student management work, and it is better to form a relationship with students as good teachers and helpful friends, so that students are more willing to communicate and get along with counselors. They are also more willing to listen to the advice given by counselors, which is extremely beneficial for counselors to carry out students' mental health education.

5. CONCLUSION

To sum up, as an important force to carry out students' mental health education, higher vocational counselors need to actively innovate ways and methods of work, pay more attention to their own functions and responsibilities, and handle the relationship with students well. Only in this way can students' mental health development be well guaranteed.

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Research On New Patterns Of Physical Education Teaching Mode In Higher Vocational Colleges Under Technology Empowerment

Xue Li

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: In the new era, technology has developed rapidly, and the characteristics of diversification have become more prominent. As the key component of the education industry, the application of modern technology is more common in higher vocational colleges. Applying modern technology to physical education teaching model can effectively solve the problems existing in physical education and enhance students' physical literacy. This paper briefly introduces the characteristics of physical education in higher vocational colleges under the technology empowerment, and probes into the measures of physical education in higher vocational colleges in the new period, hoping to provide reference for the smooth development of subsequent physical education.

Keywords: Technology empowerment; Higher vocational education; Physical education teaching mode; Neomorph

1. INTRODUCTION

With the improvement of technical level, it is inevitable to carry out physical education in higher vocational colleges under technical empowerment, which can effectively improve the quality of physical education in higher vocational colleges and lay a good foundation for the follow-up development of students. Therefore, relevant personnel must pay more attention to technology, and integrate modern technology into physical education to promote the innovation of physical education.

2. CHARACTERISTICS OF PHYSICAL EDUCATION TEACHING IN HIGHER VOCATIONAL COLLEGES UNDER TECHNOLOGY EMPOWERMENT

The characteristics of physical education carried out by higher vocational colleges under the technology empowerment are more prominent, and relevant personnel can summarize it as follows:

2.1 It can make PE teaching more efficient

Due to the constraints of traditional teaching concepts, most teachers will still use blackboard writing+oral teaching as the key teaching means when teaching physical education theoretical knowledge. If this goes on for a long time, most students will feel that physical education learning is boring and boring, resulting in a large gap between the teaching effect and the expectation. the integration of modern technology and physical education teaching in higher vocational colleges can present physical education skills in a more intuitive way, reduce students' understanding ability, and ensure that physical education can be carried out more efficiently [1].

2.2 Do a good job in teaching management

In the new period, the new curriculum reform has been further deepened, and most higher vocational colleges have also used the modern mode to carry out teaching. For example, higher vocational colleges will regularly open sports meetings, and with the support of information technology, simplify various processes, clarify the rules of each event, and reduce the burden of students. In addition, with the support of modern technology, the database built by higher vocational colleges can show students' physical literacy and physical education results, reduce the difficulty of teachers' supervision and management of students, and formulate targeted physical education teaching programs from the actual situation of students.

2.3 Enhance students' sports literacy

According to the investigation and analysis of relevant data, only when students are enthusiastic about sports learning, can they take the initiative to participate in sports learning and understand more sports knowledge and skills. Therefore, teachers in higher vocational colleges should use information technology to make interesting courseware when carrying out physical education, so as to make students actively participate in physical exercise.

3. PHYSICAL EDUCATION TEACHING MEASURES IN HIGHER VOCATIONAL COLLEGES

In the new period, the physical education carried out by higher vocational colleges has made some achievements, which provides certain conditions for enhancing students' physical literacy. However, due to the influence of some factors, the physical education carried out under the technology empowerment still has many deficiencies, resulting in the lack of due improvement of students' physical literacy, and a large gap between the physical education teaching effect and the expectation [2]. In order to improve this situation, it is necessary for PE teachers to explore vigorously, identify the problems in PE teaching in higher vocational colleges and the causes of the problems, and carry out targeted optimization to show the maximization of PE teaching. Higher vocational colleges can start from the following points to carry out physical education under technology empowerment:

3.1 Enhance teachers' information literacy

In the new period, although physical education teachers in higher vocational colleges have achieved some achievements, they attach less importance to information technology and do not skillfully apply it. Therefore, higher vocational colleges should pay more attention to technology, provide opportunities for PE teachers to learn

information technology, ensure that PE teachers can have strong information literacy, and promote the intelligent development of sports activities. the leadership of higher vocational colleges should build a sound training system and ensure that all physical education teachers can participate in it. While introducing the means of making PPT and courseware, it will enhance teachers' understanding of micro-class and online teaching, improve teachers' ability to apply technology, and ensure teaching effect. For example, when teaching calisthenics, teachers should play relevant videos, guide students' movements, make micro-class videos, and play them in their spare time, so as to ensure that students can make adjustments to the problems existing in their movements and carry out physical exercises in a more standardized way. Only in this way can we improve the level of physical education and make students in higher vocational colleges enthusiastic about physical education.

3.2 Updating students' concepts

With the improvement of the technical level, the physical education teaching mode has changed significantly. Physical education teachers in higher vocational colleges should guide students in a targeted way and update the teaching mode to ensure that students can fully understand the importance of information technology. In this process, students can collect network resources according to their own preferences, and then form a correct understanding of various sports activities, carry out targeted physical exercise, tap their own potential, and enhance their physical literacy. For example, some vocational college students prefer badminton, physical education teachers can play related videos, so that students understand the relevant skills, and independent exercise. If there is any doubt in the exercise process, it is necessary to ask the teacher and solve it with the help of the teacher, so as to enhance the students' understanding of badminton. With the help of this way, students' ideas can be updated in time, so that students can form a full understanding of technology and enhance students' physical literacy.

3.3 Improving relevant facilities and equipment

Comparing higher vocational colleges and universities, we can find that higher vocational colleges invest less funds in sports, related facilities and equipment are not perfect, and information assembly is more scarce. In recent years, with the improvement of our country's attention to higher vocational education, higher vocational colleges can get more financial funds. Therefore, higher vocational colleges should reasonably plan funds, build

stadiums, and configure special information facilities to ensure that students can obtain high-quality sports experience with the support of modern technology [3].

3.4 Meet the needs of students' personalized development
From the analysis of the current situation, it is found that due to the different sources, preferences, thinking and cognition degree of students in higher vocational colleges, there is a big gap in the enthusiasm of each student for sports learning. In this case, physical education teachers in higher vocational colleges should combine the reality and teach students in a targeted way to meet the personalized development needs of students. the modern technology is more inclusive, and the application of this technology can provide guarantee for the promotion of physical education activities. Therefore, teachers should take into account the needs of students' personality development and flexibly apply modern technology to improve the level of PE teaching.

4. CONCLUSION

According to the above analysis, the current technical level has been significantly improved, and higher vocational colleges should keep pace with the Times when carrying out physical education, flexibly applying modern technology, so that students can feel the charm of physical education and take the initiative to carry out physical exercise. However, from the actual analysis, it is found that the physical education in higher vocational colleges pays less attention to technology, and there are still shortcomings in the teaching process. Relevant personnel need to explore the existing problems and optimize, improve the quality of physical education, and reduce the difficulty of physical education in higher vocational colleges.

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Design Prospect Of Real-Time Flight Control System Based On Edge-Cloud Collaborative Computing

Chao Liu

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Flight control system is the brain of aircraft, and its control performance determines the flight quality of aircraft. With the development of semiconductor technology, artificial intelligence and cloud computing, the flight control system of edge-cloud collaborative computing effectively overcomes the problems such as large energy consumption and insufficient computing power, and provides technical solutions for the application of advanced control algorithms.

Keywords: Flight control system; Cloud computing; Artificial intelligence

1. FLIGHT CONTROL SYSTEM

The flight control system plays an important role in the fixed-wing aircraft system. It is equivalent to the human brain in the fixed-wing aircraft and plays the dual role of decision making and control. To complete autonomous flight of fixed-wing aircraft, the flight control system needs to be able to better control the flight attitude (attitude stability in the three dimensions of pitch, roll and yaw), flight altitude and flight speed, and to change the flight attitude and flight path according to remote control instructions or its own program. the flight performance of fixed wing aircraft (take-off and landing performance, operation performance, safety and reliability performance, system automation and maintainability, etc.) depends on the design quality of flight control system to a large extent. In addition, fixed-wing aircraft must be able to adapt to the interference of various uncertain factors during flight, such as the complex air environment, the change of its own state and the adjustment of combat missions. All these increase the difficulty of flight control system design and put forward higher requirements for the control system. Therefore, it is of great practical significance to improve the flight control law of fixed wing aircraft and design excellent flight control system for improving the performance of fixed wing aircraft.

2. EDGE-CLOUD COLLABORATIVE COMPUTING

Edge-cloud collaborative computing is to combine edge computing and cloud computing, and the two computing methods complement each other to complete complex computing tasks in realistic scenarios. Edge computing has the characteristics of small delay and high expansion. However, when the computing load is too large, the edge computing unit is difficult to complete the computing task in real time due to the problem of computing power and endurance of the edge computing unit. Therefore, it will be an important means to solve this problem to transfer the

computing load to the cloud server with strong computing performance and stable power supply. However, on the one hand, there is a problem of computing delay when computing tasks are sent to the cloud server; on the other hand, certain power and computing costs will be lost in information exchange with the cloud server. If a task with a small computing load is sent to the cloud server for calculation through communication, and then to the edge device, during this process, the energy loss caused by communication may not be as small as that directly calculated by the computing unit at the edge. At the same time, a certain calculation delay is also generated in the communication process. Therefore, in general, tasks with different computing loads are differentiated. Tasks with low delay tolerance and small computing load are transferred to the edge end for calculation, while those with low delay sensitivity and large computing load are transferred to the cloud server for calculation through communication. In this way, the edge end and the cloud can work together to deal with more complex computing tasks.

3. PRACTICAL APPLICATION OF EDGE-CLOUD COLLABORATIVE COMPUTING

Along with the breakthrough development of edge computing and cloud computing, the research and application of edge cloud collaborative computing have also made great progress in recent years, especially the emergence of information technology such as 5G, which greatly alleviates the communication delay of computing tasks transmitted by edge devices to cloud servers. Edge-cloud computing has also been widely used in practical problems. In manufacturing, companies are rapidly transitioning to digital and automated business processes. Through the cloud, enterprises can centrally monitor the production process of individual production units, while edge end computing units can control the production line in real time. In the construction sector, the edge end senses the state inside the building through sensors and completes basic operations, such as room temperature control and smoke alarm. For the whole building, issues such as energy scheduling are handled centrally by cloud servers.

4. APPLICATION OF EDGE-CLOUD COLLABORATIVE COMPUTING IN REAL-TIME FLIGHT CONTROL SYSTEM

At present, unmanned fixed-wing aircraft are usually operated remotely by the pilot, and the airborne communication equipment should be relatively mature. the design idea of the project is to replace the flying hand with a server equipped with deep learning and

reinforcement learning algorithms. the aircraft transmits real-time flight status data (not much data in each sampling period) to the cloud server through 5G and other communication methods, and the server transmits flight control commands to the unmanned fixed-wing aircraft after calculation.

The practical problems to be considered in the application are that 5G communication infrastructure is not complete, blindly transferring data to the cloud will cause channel congestion, and at the same time, all computing tasks of aircraft will be transferred to the cloud server for calculation, which will cause excessive computing pressure on the cloud server. For this reason, base stations can be set up in each area. Base stations can be set up in each Jingdong Logistics distribution station to undertake computing tasks for the drones in the service area of the distribution station.

In practice, it may involve demands such as channel allocation and computing task scheduling. Specific needs to wait until the project progress to the relevant steps to study according to the specific situation.

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Research On the Mismatch Between College Counselors and Students' Majors

Jibin Qu

Zibo Vocational College, Zibo, Shandong, China

Abstract: The mismatch between college counselors and students' majors is reflected in the difficulty in carrying out ideological education, the inability to effectively carry out professional guidance, the inability to effectively carry out employment guidance and career Career development planning. We need to optimize the construction of the counselor team, strengthen training efforts, improve student management models, strengthen collaborative education mechanisms, clarify our own positioning, improve professional skills, and other measures to solve the problem of professional mismatch among counselors and promote the orderly development of student work. It is beneficial for improving the professional status of counselors and realizing their professional value.

Keywords: College counselors; Professional mismatch; University student

1. INTRODUCTION

College counselors and students' majors do not match, or rather do not match. Simply understood, the majors that counselors study are inconsistent or even vastly different from those of their students. As a part of the teaching and management team of universities, counselors not only need to strengthen students' ideological education, but also carry out work such as learning management, employment guidance, life assistance, psychological counseling, and assistance for impoverished students. Therefore, counselors who possess the basic principles and knowledge reserves of ideological and political education related disciplines are more conducive to the development of their work.

2. ANALYSIS OF THE ADVANTAGES OF PROFESSIONAL MATCHING BETWEEN COLLEGE COUNSELORS AND STUDENTS

The professional background of a counselor should be the same or similar to the major of the student being taught. For example, for science and engineering students, it is best to have a counselor who also studies science and engineering. For music, sports, and aesthetics students, it is best to have a counselor who comes from their own major. For medical students, it is best to have a medical background. There are three main reasons for this: firstly, because the professional background is the same or similar to that of students, as an excellent "newcomer", the counselor has a certain degree of "authority" and "dependence" in the minds of students, which creates a good prerequisite and condition for the counselor to do a good job in ideological and political education for college students; Secondly, the same or similar professional backgrounds form a "common language" and a bridge of connection between counselors and students, allowing

counselors to quickly become friends with students and become friends with them; Thirdly, the same or similar majors of counselors and students can facilitate academic guidance and career Career development. Learning is the main task of students, and academic guidance is also the largest, most urgent, and most popular job carried out by counselors. Counselors can carry out effective ideological and political education work starting from academic guidance and career planning, combining academic guidance with ideological and political education, in order to achieve coordination and consistency between moral and intellectual education.

3. THERE ARE PROBLEMS WITH THE MISMATCH BETWEEN COLLEGE COUNSELORS AND STUDENTS' MAJORS

3.1 Difficulty in carrying out ideological education work
As the backbone of ideological and political education for college students, counselors play an important role in their daily ideological and political education and management work. It is generally believed that individuals with professional backgrounds in education, psychology, management, and other related fields are more capable of serving as counselors. However, currently, the professional backgrounds of the counselor team are more diversified, and counselors are generally younger. Professional mismatch makes it difficult for counselors to have a good understanding of students' own characteristics. When solving students' problems, they often provide assistance in life, thinking, and other aspects based on their own professional learning and growth experience.

3.2 Inability to effectively provide professional guidance
Counselors with relevant professional backgrounds are conducive to communication and exchange with students, understanding and reflecting on students' learning problems from teachers, helping students plan their career, and providing academic guidance. Effective professional guidance can help students establish professional confidence, correct their learning attitude, clarify their professional goals, master the theoretical knowledge and professional skills of their major, and enhance their sense of belonging and identification with their major. the increase in effective communication frequency can enhance the counselor's sense of achievement and happiness, making them more willing to invest time and energy in carrying out students' ideological and political education work. From the perspective of students, if their majors are in line, counselors can answer students' questions and solve professional problems, and accurately convey students' questions to full-time teachers, which is conducive to rapid problem-solving and enhances students' interest and motivation in learning.

3.3 Unable to effectively carry out employment guidance
Universities place greater emphasis on cultivating students' knowledge and skills, enabling them to possess the ability to engage in relevant positions. Counselors are aligned with students' majors, providing precise guidance and analyzing the employment prospects of their majors. At present, many universities consider the employment rate of students as an important indicator for counselor assessment. Counselors with different majors do not understand the future employment direction and prospects, and are unable to effectively carry out employment guidance.

4. SOLUTIONS TO THE MISMATCH BETWEEN COLLEGE COUNSELORS AND STUDENTS' MAJORS

4.1 Optimize team building and strengthen training efforts
Strengthening the construction of counselor teams is beneficial for improving students' professional abilities and qualities. the fundamental task of counselor work is to cultivate moral character and cultivate talents, and to reasonably match the professional, age, and gender structure of counselors. Each counselor should leverage their strengths in the team, engage in communication and exchange, share experiences, discuss issues, help each other, and make progress together. This will continuously enhance the professional ability and sense of identity of counselors, and provide high-quality services for students. Select experts and experts from a certain field to lead the counselor team, with clear division of labor among each member, and provide professional services for students' academic, entrepreneurial, psychological, and other aspects. Establish special projects, increase funding tilt, and encourage more young counselors to effectively participate in the construction of the counselor team through project support. Encourage college counselors to enhance their professional theoretical knowledge, undertake teaching work related to ideological and political theory courses, employment guidance, innovation and entrepreneurship, and enhance their professional level and research capabilities. Conduct multi-dimensional and multi-dimensional performance evaluations for counselors, and provide separate evaluation rules for counselors in the evaluation of professional titles to stimulate their work enthusiasm.

4.2 Improve management mode and collaborative education mechanism

On the one hand, with the continuous changes in the social environment, it is necessary to constantly study and study the ideological status of young students under the current situation; On the other hand, it is also necessary to regularly learn new professional knowledge, so as to facilitate communication with students and better understand their needs. Therefore, we should adjust our work methods, not be overwhelmed by complex affairs and work, always keep an eye on new things, and

constantly enrich ourselves. This will enable us to cope with any new situations with ease. We not only require students to be innovative in their work, but also to have a sense of innovation. For example, we require students to frequently participate in school and social activities, fully utilize their imagination, design, conceive, do, create, and organize some sections, so that they can exercise and improve in their studies. This is a good supplement to a relatively simple student life. Therefore, the behavior and personality of teachers are important factors that affect their personality formation, and this influence is subtle. As a college counselor, one should always remember their position and role, and lead by example in every aspect.

4.3 Clarify one's own positioning and improve professional skills

As the first person in contact with students in the ideological and political education work of universities, counselors should strengthen their learning, enrich their knowledge reserves, and strive to become the guide of ideological and political education for college students. Adhere to student-centered approach, think about what students think, be anxious about what students are anxious about, establish equal status with students, create a harmonious and free communication atmosphere, and close the distance between each other. When handling the daily work of the class, it is necessary to take into account the feelings of each student and strive to be fair and just. Counselors have complex and trivial tasks, and often encounter unpleasant situations. They should learn to self regulate and be adept at using scientific methods and a rational attitude to solve students' problems

Counselors are an important component of student management in universities. If counselors do not align with students' majors, they cannot effectively provide employment guidance and bring certain difficulties to student management. Universities should strengthen the construction of counselor teams, pay attention to the improvement and normalization of counselor training mechanisms, improve counselor assessment mechanisms, actively promote the participation of full-time teachers in student work, and promote the orderly development of student work.

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On the Problems and Countermeasures of Financial Management Informatization Construction in Higher Education Institutions

Liping Cui

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: As society attaches more importance to higher education institutions, the scale of higher education institutions has expanded significantly, the number of teachers and students has grown, and the sources of funds have become more diverse, generating many different types of financial data, which, from a certain perspective, has increased the difficulty of financial management informatization construction in higher education institutions. It needs to be vigorously explored by relevant personnel to clarify the problems of financial management informatization construction in higher education institutions and to respond to them in a targeted manner, so as to provide reference for the smooth development of financial management informatization construction work in higher education institutions.

Keywords: Higher vocational institutions; Financial management; Information construction; Problems; Countermeasures

1. INTRODUCTION

The improvement of information technology level has provided new ideas for the development of economy. For the application of information technology, it can promote the transformation and upgrading of various industries, and higher vocational colleges are no exception. Applying information technology to the financial management of higher education institutions can actively update the financial management mode, reduce the degree of financial management difficulties, and provide reference for the smooth development of management in higher education institutions.

2. THE ROLE OF FINANCIAL MANAGEMENT INFORMATIONIZATION IN HIGHER EDUCATION INSTITUTIONS

2.1 Make the relevant work more accurate and efficient

With the improvement of technology, building a perfect financial information system to calculate and transmit relevant information can reduce human resource consumption and help staff reduce their workload while avoiding the situation of large deviation in the transmission process due to improper human operation, and ensure that financial management information is accurate and can be transmitted in real time. For example, in the traditional model, the reporting of accounts is done manually, and students and teachers are likely to make oversights when filling out the relevant information, resulting in the information not being transmitted in a timely manner. For the application of financial management information platform, the relevant

information can be collected in real time and efficiently, and the data can be uploaded to the relevant platform to provide reference for the development of various tasks [1]. In addition, the application of modern technologies such as 5G technology, cloud computing, and blockchain can obtain the needed financial information in a more timely manner and ensure that the financial information is accurate.

2.2 Dynamic supervision and control of financial situation

For the financial business process to make processing, you can timely transfer the business data, achieve the goal of resource sharing, and improve the current financial management information transmission is not timely caused by many problems. For example, the business work carried out in the traditional mode requires accounting and information transmission after the end of payment. These operations need to be handled manually, and it is likely that there will be deviations in the transmission of information, making it difficult to reach the goal of accurate and real-time reflection of financial data and information, and a serious waste of funds. Only by correlating the reporting system with the accounting system can we dynamically monitor and control the use of funds.

2.3 Improve the current situation of information blockage

Taking financial information as a foothold and strengthening the connection between financial information systems of various departments in higher education institutions can manage financial information, set up a special data sharing center, make full use of all resources, and reach the goal of integrated control [2]. For example, students should be charged with a clear plan of fees according to their registration, majors and accommodation after their enrollment, and the expenses should be carefully marked. Students can use the system to know the fees they need to pay, and higher education institutions can also use the system to determine whether students have paid the fees as required and make reminders for students who have not paid the fees. Moreover, with the support of the teaching management system, student management system and fee management system, the difficulty of collecting fees is significantly reduced.

3. THE PROBLEMS OF FINANCIAL MANAGEMENT INFORMATIONIZATION CONSTRUCTION IN HIGHER VOCATIONAL INSTITUTIONS

3.1 No reasonable overall planning

In the new period, higher vocational institutions have set up special business systems according to the business needs of each department. However, due to the lack of sufficient funds and low technical level, the systems are not connected and cannot transmit information in time. If there is a problem at a certain stage when the financial management information system is applied, it will reduce the accuracy of data and hinder the smooth development of decision-making.

3.2 Lack of security concept

Financial management informatization in higher education institutions requires a high degree of security. However, the actual analysis shows that most financial managers do not have the concept of security in their work, which leads to the application of firewall and anti-virus software for financial management software system, and the security of financial management system is not guaranteed. Information sharing means that it can make financial data and information more open and carry out information transmission in a timely manner. If the financial personnel rely too much on the financial software but do not pay attention to the security-related work, it will increase the probability of financial management risks in higher education institutions.

4. MEASURES TO PROMOTE THE CONSTRUCTION OF FINANCIAL MANAGEMENT INFORMATIZATION IN HIGHER EDUCATION INSTITUTIONS

It is very crucial to promote the construction of financial management informatization in higher education institutions, which can improve the level of financial management and provide sufficient funds for the development of higher education institutions. Therefore, relevant personnel should recognize the importance of this work, clarify the common problems in the process of financial management informatization construction, and use appropriate measures to carry out the financial management informatization construction work.

4.1 Reasonable overall planning

At present, the financial management information construction carried out by higher education institutions is difficult to adapt to their modern development needs. The financial system and business system are not connected, and the resources cannot be fully applied. It is necessary for the relevant personnel to make reasonable overall planning, clarify the business processes and rules and regulations, and carry out the division of labor scientifically and in a targeted manner while making more efforts in the construction of information technology. At the same time, it is also necessary to develop clear data and information standards to improve the degree of information standardization.

4.2 Build a financial management team with strong overall strength

The professionalism of financial management personnel can determine to a certain extent the effect of financial management information construction. Therefore, the relevant personnel must build a strong overall financial

management team as the focus of work. First, the leadership of the financial department should provide learning opportunities for financial personnel, and vigorously promote information technology and software technology to ensure that financial management personnel can skillfully apply the technologies. Second, more talents with stronger overall strength should be attracted to participate in the work, so that the financial management team can be renewed with new vitality and vigor to promote the development of the enterprise [3].

4.3 Improve the security degree of financial management informatization

Higher education institutions should supplement the existing financial management information system from the perspective of their own management mechanism, ideology and technology to ensure that it is in a safe state. First, to build a sound financial risk control mechanism to ensure that the financial management information construction work has a basis. Second, to enhance the security concept of financial personnel, to ensure that they can recognize the importance of financial management information technology, and take the initiative to prevent security problems. Third, higher education institutions should regularly maintain and update the software and hardware of financial management information technology to improve the rationality of management.

5. CONCLUSION

According to the above analysis, the requirements for financial management informatization in higher education institutions in the new era have changed significantly, financial management needs to change from the original accounting work as the focus to management as the core, and from the current situation of higher education institutions, flexibly apply a variety of different information technology to create a financial management information platform that can really adapt to the development needs of higher education institutions, to ensure that financial management in higher education institutions can show its proper value, improve the management capacity of higher education institutions, and provide support for the further development of higher education institutions. This will ensure that the financial management of higher education institutions can show its proper value, improve the management ability of higher education institutions, and provide support for the further development of higher education institutions.

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Research On Intervention Strategies of College Students' Mental Health Education in Digital Age

Fang Song

Taishan University, Tai 'An, Shandong, China

Abstract: With the advent of the digital age, the mental health education of college students has been paid more and more attention, especially at the present stage, in the growth of college students, affected by all kinds of information, they have become one of the groups most seriously affected by negative information on the Internet, which is very unfavorable to their development. Therefore, this paper puts forward a series of specific intervention strategies for college students' mental health education in the digital age.

Keywords: Digital age; College students mental health education; Intervention strategy

1. INTRODUCTION

In the digital age, the network environment has become more complex, and there have been a large number of various types of negative information, and even some illegal remarks, which have affected the formation of correct values of college students. Therefore, in the actual mental health education work, it is necessary to start from many different levels and adopt scientific intervention strategies to promote the healthy growth of college students.

2. STRENGTHEN THE CONSTRUCTION OF PSYCHOLOGICAL DATA PLATFORM

In the digital age, when carrying out mental health education, it has gone out of the mode of experience preaching in the past, and gradually changed to the mode of scientific guidance. In the current social background, it is not difficult to find that students in their daily life, including learning, are more accustomed to share their own dynamics through social platforms, or to carry out some activities, relying on digital technology, you can have a clearer understanding of the psychological changes of college students. When building a psychological data platform, attention should be paid to the following aspects [1].

First, it is necessary to start from the situation of college students, pay attention to their psychological state, and promote the mining of key data from the social software commonly used by them at this stage, such as Weibo and wechat. Second, in the guidance work, we should aim at the situation of students, from the overall point of view, based on common problems to carry out purposeful guidance; Third, there are individual students, affected by various factors, the fluctuation of mental health conditions, need to be timely understanding, and according to their situation, advance intervention, to avoid greater problems in the future. For example, when some students first

entered the school, they had a strong motivation and paid more attention to the courses. However, after a period of study, they found that they had difficulties in understanding some courses and would have negative psychology because they could not keep up with the pace. According to this situation, it is necessary to provide guidance to them and teach them correct learning methods according to the characteristics of the course to help them relieve the psychological pressure in the course. Fourth, for the information provided in the mental health education platform, it is necessary to grasp the psychological changes of students in time through further analysis. For their psychological problems, it is necessary to provide them with guidance at any time to ensure their healthy development; Fifth, the mental health data mined should be systematically integrated. For example, cross-professional and cross-campus integration can be used to analyze phased problems, grasp the causes of changes in group psychology and development dynamics, and provide reliable data support for subsequent guidance work.

3. PAY ATTENTION TO DIGITAL MENTAL HEALTH EDUCATION PERSONNEL TRAINING

In order to ensure the implementation and effectiveness of mental health education, it is necessary to strengthen teachers. Especially at the present stage, in the digital age, the development of mental health education has put forward higher and more stringent requirements. On the one hand, it is necessary to combine the conventional education methods and conduct face-to-face communication according to the situation of individual students; On the other hand, it is also necessary to learn to use various modern technologies to build corresponding databases. For schools, when strengthening the ability of teachers, it is not only necessary to make them know more knowledge related to mental health, improve their understanding and learning ability of new knowledge, but also to enable them to have the awareness of big data mining.

First, in daily teaching, students should be good at guiding them in various ways, such as online communication, so that they can participate in some psychological tests, conduct comprehensive analysis of test data, understand possible problems, and enhance the foresight of guidance work. At the same time, for the collected phased data, it is necessary to have the ability of dynamic analysis, to further analyze the root cause behind the problem and the law of problem occurrence, so as to make the dredging work more effective. When conducting guidance work,

students should not only solve the problems existing on the surface, but also explore the most effective and appropriate ways to deal with different problems. Second, talent training in the digital era needs to clarify the overall direction of mental health education through comprehensive analysis, and continue to collect and sort out more typical education cases from the research of special topics, so as to better serve students. For example, in daily courses, apart from the theoretical content of mental health education, online courses also need to be arranged, which can combine the hot content, add some cases, pictures, etc., to produce courseware with strong appeal, thus creating a strong educational atmosphere [2].

4. CREATE A SOFT CULTURAL ATMOSPHERE OF MENTAL HEALTH EDUCATION

In the digital era, for the current students, they have already had a certain life experience, and the awareness of discrimination is constantly improving, when carrying out mental health education, it is necessary to carry out guidance according to their objective reality, with levels and characteristics.

First, in most colleges and universities at this stage, it is not difficult to find that after long-term practice, they have set up special mental health education websites, newspapers and periodicals, etc. In the corresponding modules, relevant knowledge is shared, and corresponding books and movies are recommended; At the same time, some colleges and universities use social platforms to publicize through announcement numbers. Students only need to follow the official accounts to call human dialogue and provide consulting services. They can also regularly release activity information or related positive articles, so as to make education work more comprehensive. Second, in the digital era, it is not difficult to find that mental health education has stepped out of the previous inherent model, is no longer limited to the offline, but gradually developed into more platforms, forming a multi-channel common education situation. For example, in the current stage of Weibo, Tiktok, etc., colleges and universities can also combine the software used by students at the current stage, draw lessons from the current new forms of publicity, and make some interesting videos and drama videos, etc., so as to popularize knowledge, and in a real sense, make education work more students. Third,

due to the obvious advantages of social platforms, they can achieve accurate "attracting fans", and can make use of this advantage to establish corresponding communities, further understand and position the needs of students, and provide them with personalized services; Fourthly, the situation of students can be further refined, and they can be classified more carefully according to their professional type and family background, so as to understand the common problems of a certain group, and carry out education in a way that they are more willing to accept, so as to improve the comprehensive level of mental health education [3].

5. CONCLUSION

To sum up, the intervention strategies of college students' mental health education in the digital age are very important. In this regard, in the digital era, it is necessary to attach importance to the mining and application of data, so that students can actively understand and master more useful mental health education knowledge, so as to have the ability to identify their own problems, so that they can achieve better development.

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The Demand and Application of Virtual Reality Technology in Modern Environmental Art Design

Qian Song

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Virtual reality technology, as one of the modern technologies, is composed of multimedia display technology, network communication technology and so on. It belongs to the product of the new era. It can completely change the technical problems of modern environmental art design, ensure that the artistic design effect is more vivid, and promote the aesthetic characteristics to appear gradually. Not only that, art designers use modern design concept, combined with the advantages of virtual reality technology, better reflect the humanized and diversified characteristics of art works, attracting countless people's eyes. With the development and progress of the Times, virtual reality technology is constantly updated and widely used in the modern environmental art design industry, focusing on product visual effects, cost control and enterprise environment optimization.

Keywords: Virtual reality technology; Modern environmental art design; Requirement; Application

1. INTRODUCTION

Under the Internet era, information technology and network technology gradually develop mature, its application in different fields to realize the comprehensive. As a product of the new era, virtual reality technology takes advantage of its application to promote the overall applicability of technology has changed significantly, especially in the modern environmental art design. the integration of modern environmental art design and virtual reality technology makes the relationship between the two demands increasingly clear. As one of the key technologies to improve the ability of modern environmental art design, the use of virtual reality technology to help designers expand more scope of work and maximize economic benefits. Based on this, this paper makes an in-depth discussion on the demand and application of virtual reality technology in modern environmental art design, and puts forward corresponding application strategies according to the actual situation to further strengthen the ability of modern environmental art design.

2. REQUIREMENTS OF VIRTUAL REALITY TECHNOLOGY IN MODERN ENVIRONMENTAL ART DESIGN

As a product of the new era, virtual reality technology is a representative of information technology, which has the characteristics of interaction, perception and imagination. Based on the above characteristics, users can directly enter the three-dimensional environment constructed by

computer simulation and have intimate communication with people. They can also interact with people emotionally through physical gestures. Combined with users' perception of virtual environment to expand users' divergent thinking, with imagination to present a new environment. This immersive experience and human-computer interaction has become a unique advantage of VR technology, which fully meets the professional needs of modern environmental art design [1]. If VR technology is applied in modern environmental art design, designers can establish a complete virtual reality technology system through computers and confirm the meaning of its existence by relying on things produced in the three-dimensional environment, which is also a situation picture that cannot happen in reality. For example, in the preliminary design link, the designer directly and the customer friendly communication, the final determination of the design scheme and design concept, the establishment of a personalized environment model, if the construction personnel according to the implementation of the model and design scheme. If deficiencies are found in the specific operation, rectification suggestions and optimization countermeasures should be given immediately, which not only gives play to its intuitions, but also provides the conditions for operation traversal, so that users can experience the virtual environment as if they were there; For complex architectural design, landscape structure layout, interior space design and other work, VR technology is used to provide high-quality virtual model display platform, provide users with real situation pictures, and understand users' needs for product design. Thus, with the increasing perfection of virtual reality technology, the cost of infrastructure equipment is also reduced to a certain extent, greatly improve the definition of model display, and constantly develop functions and applications, so that virtual reality technology can be widely used in modern environmental art design and give play to its application value.

3. APPLICATION OF VIRTUAL REALITY TECHNOLOGY IN MODERN ENVIRONMENTAL ART DESIGN

3.1 Eliminate hidden risks in environmental art design

The influence of environment on art design is long-term and continuous. This requires responsible departments and key personnel to consider the problem from different angles and analyze various influencing factors. During this period, a lot of manpower, material resources and costs are involved, and it is difficult to achieve scientific management. If there is a problem in the implementation

process of a certain link, it will not only affect the visual effect of modern environmental design, but also may hide risks in the future display, and its quality cannot be fully guaranteed. In the past, when environmental art designers explained the design content of environmental works, they did not consider the visual needs of users, which seriously lacks vividness and reduces the design effect to achieve user satisfaction, which is not conducive to the long-term development of traditional environmental art design. With its own advantages, virtual reality technology can carry out dynamic simulation in different situations and truly show high-quality visual effects. Designers observe and experience the diversified simulation situations brought by design activities in real time, record the real pictures they see, and take fine management combined with users' design needs to further ensure the effectiveness of the content, give full play to the artistic value of the design works and show their own charm [2].

3.2 Improve the display charm of environmental art design works

Virtual reality technology has the advantages of convenient operation and fast, can completely break through the space restrictions of modern environmental art design, constantly expand the reserves, improve the work efficiency, dynamic simulation of real scenes, to achieve the final effect of modern environmental design. the application of virtual video and real video technology promotes the continuous expansion of the field simulation range, enhances the environmental experience effect, meets the diversified needs of product designers for the design and creation of modern art products, and conforms to the characteristics of current works of art. Using virtual reality technology to design vivid, scientific and effective product design art works, free to provide designers with high-quality experience services, so that they truly feel the science and technology. the direct integration of virtual reality technology and reality can directly create an emerging real field, greatly improve the experience satisfaction of industrial users, highlight the design value of artistic works, truly feel the charm of artistic works, and meet the needs of users' life.

3.3 Improve the interaction between designers and users

Virtual reality technology not only plays a role in the process of product design, but also improves the interaction between product designers and users from the root to understand users' needs for products. When a designer applies virtual reality technology, if the artistic design project fails to be completed successfully, it needs

to be combined with other artistic elements to further show the advantage of good use. When people have a clear understanding of modern environmental art design concept through virtual reality technology, they will carry out in-depth communication with designers to discuss the hidden deficiencies of environmental design together, and encourage all relevant personnel to participate in environmental art design to ensure user satisfaction [3].

4. CONCLUSION

In the process of modern environmental art design, in order to improve the level of environmental art design, virtual reality technology and environmental art design concept should be combined, under the background of flexible use of virtual reality technology, to promote the rapid development of modern environmental art design, ushering in a new situation. With the support of technology application, it is an inevitable trend to improve the level and ability of modern art environment design. With the rapid development and progress of the Times, scientific research technology is also constantly upgrading, the future is bound to realize the integration of modern environmental art design and virtual reality technology, and continue to develop towards the direction of high efficiency, intelligence and science and technology. Nowadays, the most direct technology application is the dynamic management of modern environmental art design with the support of VR technology, so as to make the overall effect of art design more ideal and lay the foundation for the stable development of modern environmental art.

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Project-Led Blended Learning and Analytical Research

Jiqin Sun^{1,2}

¹Southern Federal University, Russia

²Taishan University, Tai'An, Shandong, China

Abstract: In the process of the rapid development of modern education industry, scientific and advanced technology can effectively improve the efficiency and quality of education, help teachers improve teaching efficiency, and provide convenience for students to learn; For example, when the blended learning method is applied in education, teachers need to establish the blended learning model according to the teaching objectives and contents, combine the computer, network information and other technologies, respect the main position of students in teaching, establish a personalized teaching environment, improve the overall efficiency of students' learning and teaching work to the greatest extent, and lay a solid foundation for the overall development of modern education industry. the following is an analysis and exploration of project-led blended learning.

Keywords: Project guidance; Blended learning; Analysis and inquiry

I. SPECIFIC OVERVIEW OF BLENDED LEARNING

Under normal circumstances, the so-called hybrid learning method mainly refers to the organic integration of classroom teaching and online teaching, so as to realize the complementary advantages of the two, improve teaching efficiency to the maximum extent, and reduce unnecessary costs. In modern education, it mainly involves modern learning methods, content, environment, media equipment, etc., combined with information technology, etc. Break through the restrictions of traditional teaching mode, stimulate students' enthusiasm and initiative in learning, and further promote the overall healthy development of education [1].

2. THE ADVANTAGES OF HYBRID LEARNING DESIGN APPLICATION

2.1 Meet the requirements of the class teaching system

In modern education, class teaching system is a universal teaching form all over the world, which has effectively improved the efficiency of classroom teaching and expanded the scale of teaching. With the development of modern higher education, the class teaching system plays an important role in it, but also produces some challenges. Only relying on class teaching can not effectively guarantee the classroom teaching effect; Therefore, relevant teachers need to obtain the support of school leaders and education departments, and use blended learning methods to optimize curriculum design, overall plan classroom teaching and online teaching, and improve the defects of class teaching system in higher education, so as to improve the actual teaching efficiency.

2.2 Enhance extracurricular learning efficiency

Extra-curricular learning plays an important role in modern education, mainly due to the limitation of classroom teaching time, teachers need to scientifically regulate the teaching content and progress, and through the development of extra-curricular learning activities, they can break through the restriction of classroom teaching and increase the content of teaching resources. At the same time, the blended learning method can realize online teaching, break through the restrictions of time and space, ensure that students can consult teachers in time when they encounter difficulties in daily learning, and communicate with other students on the online platform to further improve their learning efficiency and professional knowledge level.

2.3 Strengthen the training of students' professional skills

In addition, the application of blended learning method can also strengthen the cultivation of students' professional skills; It is mainly due to the rapid development of modern education industry, coupled with the refinement of social division of labor, leading to the isolation of professional skills learning and basic knowledge teaching; Most of the students finish the basic knowledge learning in school, and then they learn and train professional skills after entering the society and the job. By strengthening the application of blended learning method, students can learn professional skills in school, ensure that they can quickly adapt to the job after entering the job, and provide convenience for their work development.

3. COMMON PROBLEMS OF BLENDED LEARNING MODEL DESIGN

3.1 Single basic theory

Research shows that when blended learning method is applied to modern education, quite a number of teachers and school leaders are deeply influenced by traditional education concepts, and some teachers are older and lack interest in understanding and learning new things. Although emerging technologies such as computers, network information and artificial intelligence are adopted in daily teaching, their basic theories are lacking, the actual teaching effect cannot be guaranteed, thus affecting and hindering the development of further teaching in the later period [2].

3.2 There are loopholes in the design and implementation of learning mode

On the other hand, when the blended learning method is applied in practice, there will still be defects and loopholes in the design and implementation of the learning mode. the main reason is that after the design of the learning

mode is completed, the details of each link are not effectively dealt with, and the connection between each link is insufficient, which limits the improvement of the actual teaching effect.

4. STRENGTHENING THE APPLICATION COUNTERMEASURES OF BLENDED LEARNING DESIGN UNDER THE GUIDANCE OF THE PROJECT

4.1 Strengthening the level of classroom teaching reform
At present, in order to strengthen the application and development of project-led blended learning design, relevant teachers and school leaders should first comply with the new curriculum reform standards and the policy requirements of the education department, improve their understanding of and attention to blended learning methods, change traditional education concepts and models, and actively use advanced technologies such as computers and network information to establish online teaching platforms. Integrate it with the classroom teaching mode to achieve complementary advantages, complement and perfect the defects and deficiencies of traditional teaching, and improve the level of classroom teaching reform; At the same time, teachers can use the Internet to collect more resource information, enrich teaching content, and ensure the overall development of teaching work.

4.2 Strengthen the depth of empirical research

In the practical application of blended learning method, it mainly focuses on theoretical research and lacks sufficient and effective empirical research. However, as a method to integrate online and classroom teaching process and integrate formal and informal learning, relevant teachers can obtain the support of school leaders and education departments, break through the limitations of traditional theoretical research, and strengthen in-depth research on effective empirical research. To ensure the effective play of the value of blended learning method, strengthen and improve the efficiency and quality of classroom teaching.

4.3 Strengthen the innovation of blended learning connotation and practice path

Under normal circumstances, new technologies, new models and new resources have effectively enriched the connotation and practice path of blended learning. Therefore, in daily teaching, relevant teachers need to conduct in-depth research and analysis of blended learning and project teaching methods, gain the attention and support of school leaders, and invest a lot of resources to develop and innovate the connotation and practice path of blended learning. Create a vivid and interesting

teaching atmosphere to ensure the personalized and effective learning and development of students.

4.4 Strengthen the improvement of the regulatory system
In addition to the above measures, in order to enhance the application level of project-led blended learning method, relevant teachers need to improve the supervision system, conduct scientific and effective supervision of students' online learning process, encourage students to devote full energy to participate in online learning, combine with classroom learning process, and improve their professional knowledge level to the maximum extent. To ensure the effective application and development of blended learning in modern teaching practice [3].

5. CONCLUSION

In summary, under the influence of the continuous improvement of modern science and technology, a large number of advanced technology methods are continuously applied in the education industry, driving the improvement of the efficiency and quality of daily education work; In practical work, relevant teachers should strictly follow the new curriculum reform standards and education department policies, transform and innovate traditional education concepts and models, improve their understanding and mastery of blended learning method and project-based teaching method, integrate the two organically, formulate new teaching plans, strengthen and improve the level of classroom teaching reform, and conduct in-depth research on theoretical research content. To improve the teaching supervision system, it is also necessary to innovate the connotation and practice path of blended learning, give full play to the value role of these methods, optimize and innovate the classroom teaching process, and thus promote the overall progress and development of the modern education industry.

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5G Development and Key Technologies

Houyuan Tian
Zibo Vocational Institute, Zibo, Shandong, China

Abstract:5G Network is the fifth generation mobile communication network, with a peak theoretical transmission speed of 20Gbps, equivalent to 2.5GB per second, which is more than 10 times faster than the transmission speed of 4G network. For example, a 1GB movie can be downloaded within 4 seconds. With the birth of 5G technology, the era of sharing 3D movies, games,

and ultra-high definition (UHD) programs with intelligent terminals is approaching us.

Keywords: 5G; Development; Scenario; Technology

1. THE DEVELOPMENT HISTORY OF MOBILE COMMUNICATION

1G(1983)	2G(1994)	3G(2001)	4G(2010)	5G(2020)
Analog Voice	Digital Voice Digital Services (10kbps)	Digital Voice Digital Services (1Mbps)	Digital Voice Mobile broadband data service (10Mbps)	Digital Voice Enhance mobile broadband data services (100Mbps) Massive IoT with ultra-low latency
FDMA Analog Modulation Cellular Cell	TDMA/GMSK Seamless coverage	CDMA/Link Adaptation/Packet Switching	OFDM and MMO, high-order modulation/link adaptation/all IP flat network	F-OFDM and m-MIMO 256 order high-order modulation/all IP flat network

2. RESEARCH PROGRESS OF 5G

Since the adoption of the 4G standard by ITU in early 2012, the communication industry has begun to study 5G. Each country has established specialized organizations to promote 5G research and compete for the influence and commanding heights of a new round of technology and standards. the EU has launched multiple 5G research projects such as METIS and 5GNOW; South Korea established 5G Forum and others [1]; the United States and Japan have also successively launched 5G research, and China has established the IMT-2020(5G) Promotion Group since 2013. the Promotion Group analyzed the two types of business requirements that drive the development of 5G: mobile internet and mobile Internet of Things, and defined four main application scenarios of 5G: wide area coverage, hot spot coverage, low-power Dalian connected Internet of Things, and low latency and high reliability Internet of Things. ITU divides 5G requirements and application scenarios into three main categories: Enhanced Mobile Broadband (eMBB), Massive Connected Machine Communication (mMTC), and Ultra Reliable and Low Delay Communication (cMTC).

3.5 G APPLICATION SCENARIOS

3.1 Internet of Things

In the era of 4G, intelligent living has been achieved. In the past, everything had to be done by oneself, but now it can be solved with just one button. However, 4G is not enough to support "Internet of Things", and 5G application scenarios are more diverse, and the huge traffic also provides necessary conditions for "Internet of Things". the most prominent features of 5G are user experience speed, idle port latency, and connection density.

In the future, the rapid development of the Internet of Things is closely related to the commercial use of 5G, and the Internet of Things will be an important application scenario for 5G [1].

3.2 Cloud based lifestyle

Public Cloud: Customers do not have any physical control over their infrastructure as it is located in the data center of the cloud computing provider.

Private Cloud: These cloud platforms offer similar benefits to public clouds, but their infrastructure is not shared externally as it is used by customers or organizations themselves.

Hybrid cloud: As the name suggests, it uses both private and public clouds.

Community Cloud: Infrastructure is shared between organizations.

With the arrival of the 5G era, 5K videos will be able to play more smoothly and in real-time. Cloud computing technology is better utilized in life, work, entertainment, and more.

3.3 Intelligent interaction

In the era of 5G Internet of Things, information is integrated, and people are immersed in the internet. the interaction between people and information has undergone a transformation of the times. New interactive modes, such as smart TV, smart watch, smart home, etc. In the era of intelligence, let devices understand you better.

4. BASIC CHARACTERISTICS OF 5G

4.1 High speed

Due to the significant increase in bandwidth of 5G base stations, it enables 5G to achieve faster transmission rates. At the same time, 5G uses a much higher frequency than previous communication technologies and can transmit more information within the same time frame. This can be manifested in a download rate 10 times faster than 4G, with a peak of 1Gbps (4G is 100Mbps).

4.2 low latency

Compared to 4G, 5G technology can reduce communication latency to around 1ms. Therefore, many industries that require low latency will benefit from 5G technology, such as related industries such as autonomous driving. There is no need to use 4G networks with latency

up to 50ms, and the adoption of 5G networks can improve the reaction speed of autonomous driving.

4.3 Ubiquitous network

5G can achieve the concept of ubiquitous network, realize the overlay network without dead corners, and can communicate freely at any time and anywhere. Effectively improve blind spots in 4G networks and achieve comprehensive coverage.

4.4 Low power consumption

The 5G network adopts Qualcomm eMTC and Huawei's NB IoT technology, achieving low power consumption requirements and reducing the power consumption of IoT devices, enabling IoT devices to remain battery swapped for a long time, which is conducive to large-scale deployment of IoT devices.

4.5 Internet of Things

Compared with 4G, 5G systems have significantly improved their ability to support massive sensor access at the data level of tens or even hundreds of billions, effectively meeting data transmission and business connectivity needs. Integrating people, processes, data, and things together to make connections closer.

4.6 Refactoring security

With the support of various new technologies, 5G communication has higher security and can effectively resist hacker attacks in future fields such as unmanned driving and intelligent health, ensuring various aspects of security [2].

5. KEY TECHNOLOGIES OF 5G

5.1 Simultaneous Same Frequency Full Duplex Technology

The so-called simultaneous same frequency full duplex technology, as the name suggests, refers to transmitting and receiving signals on the same channel, achieving simultaneous operation in both directions. Simply put, it refers to shielding interference existing in previous communication duplex nodes, and then receiving signals while using the signal machine to transmit signals, thereby improving spectral efficiency through simultaneous operation. Compared to traditional technology, this technology is more advanced and has higher work efficiency.

5.2 Dense network technology

The traffic provided by 5G mobile communication will be more than a thousand times that of 4G mobile communication, and achieving this goal mainly relies on dense network technology. This technology includes the following two aspects: ① setting up many antennas outside the Acer station, which can further expand the outdoor space. ② Many dense networks need to be arranged outdoors, and the signal-to-noise ratio gain generated by these dense networks will be more objective.

At the same time, this aspect is also the core for dense networks to fully play their role. the application of dense network technology can increase the advantages of 5G mobile communication, improve its flexibility, and increase its coverage area [3].

5.3 Multi antenna transmission technology

The so-called multi-antenna transmission technology refers to the use of active antennas for array formation, and then connected to millimeter waves, which can effectively improve the coverage area and performance of the antenna. From the current situation, as long as its coverage capacity is improved, the goal of energy conservation can be achieved [4].

5.4 New Network Architecture Technology

In the process of constantly changing network requirements, the new network architecture technology in 5G mobile communication is emerging due to the potential business needs in the future. This technology has multiple advantages such as low latency and low cost in application. Among this technology, cloud architecture is the main network access architecture, and relevant personnel will conduct research on cloud architecture.

5.5 Intelligent technology

Cloud computing is one of the indispensable networks in 5G mobile communication networks. the large servers included in this network are its main components, and the way this component connects to the base station is through a switch network. In addition, among the many features of Acer, the cloud computing storage function is a very prominent feature. By using this function, a lot of big data can be stored and processed in a timely manner. Moreover, due to the large scale and considerable number of base stations, it is possible to divide frequency bands and carry out different services.

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The Direction and Future of Immersive Cultural Travel

Xiao Tu

Chongqing Normal University, Chongqing, China

Abstract: In recent years, "immersion" is a hot word. Since the beginning of the new century, immersive cultural travel at the industry level has begun to develop rapidly. In the three years since the COVID-19 epidemic, immersive cultural travel has really become a hot topic for everyone. the following will give a brief explanation on this issue from the background, field, dimension and future of the development of immersive cultural travel.

Keywords: Immersion; Cultural tourism development

1. THE BACKGROUND OF THE DEVELOPMENT OF IMMERSIVE CULTURAL TOURISM

The first context is technological progress. Technological progress has a characteristic of accelerated iteration. Since the beginning of the new century, Internet technology has developed rapidly. Virtual reality technology, light and shadow technology, digital technology and other technologies represented by VR and AR have made immersive cultural travel possible.

The second background is cost constraints. Three years after the epidemic, cultural and tourism enterprises are facing enormous operating pressure, which can easily be transferred to cost control. This requires replacing human services with technology to the extent possible. For example, in some live-action performances, human cost accounts for a large part of the expenditure, but if technology is used to replace it without affecting the experience, the cost will be reduced.

The third context is the depth of experience. Traditional tourism focuses on natural landscapes and cultural landscapes. But a lot of places are basically relics, it is difficult to impress consumers. However, if immersive cultural tourism technology is used, it is possible to restore history to a certain extent, make humanistic things vivid, and bring tourists a full range of experience.

The fourth context is policy facilitation. the 14th Five-Year Plan for National Culture and Tourism has corresponding deployment for immersive cultural tourism and performing arts. the High-quality Development document on digital cultural Industry issued by the Ministry of Culture and Tourism also puts forward the policy direction for the development of immersive cultural tourism. Luoyang, Henan Province, for example, has even issued a special implementation opinion to promote the development of immersive cultural tourism industry, which shows the government's attention to immersive cultural tourism.

2. THE DEVELOPMENT FIELD OF IMMERSIVE CULTURAL TOURISM

Immersion has been applied to different degrees in the six elements of tourism food, accommodation, travel, shopping and entertainment, and most of them have achieved good results.

One is cultural tourism attraction. In fact, it is an immersive cultural travel experience project. the Grand Canal Museum in Yangzhou has become an Internet celebrity museum due to the extensive use of immersive technology. In order to reduce the influence of tourists on the frescoes in the Dunhuang Mogao Grottoes, immersive virtual experience is adopted to replace tourists' demand for cultural relics and art appreciation. In Xi 'an, Tang Dynasty never sleeps city, Chang 'an 12 hours, through the creation of immersive scenes let visitors to Tang Dynasty crossing.

Second, cultural tourism and entertainment. the most typical is the tourism performance. For example, Song of Everlasting Regret by Shaanxi Travel Group and Chongqing 1949 both have a lot of immersive technologies to construct a situational performance scene. Some traveling performances, as well as the Zhiyin Number in Wuhan, are also typical immersive performances. the "XiangjianTuojiang River" immersive art cruise project conducted by Xiangyuan Group in Fenghuang Ancient City uses projection technology and digital CG animation to present the picture scrolls of both sides of the Tuojiang River on the river, which is well received by the market. Others, like script Kill, are also an immersive experience.

Third, cultural tourism-themed accommodation. Some non-hotel brands begin to cross over to do hotels, and there will be cultural theme implantation, such as Muji themed hotels, will put its minimalist cultural concept into it, so that consumers in the accommodation immersion experience of this culture. Another example is that Disney has a Star Wars Galaxy Star Cruiser theme hotel, which puts a theme like Star Wars in this hotel.

Fourth, cultural tourism shopping. Including themed shopping, scene shopping. Therefore, in terms of the application field of cultural tourism immersion, it can be said that it can be immersed everywhere, all the time and no one can be immersed.

3. DIMENSIONS OF IMMERSIVE CULTURAL TOURISM DEVELOPMENT

One is modernity and tradition. Now, when it comes to immersive cultural travel, digital technology is talked about more. But we can rely on modern technology to reconstruct the new scene; You can also use non-technical means to provide a different experience from reality. For example, in order to create an immersive

scene, some neighbourhoods now require visitors to wear some ancient costumes. Although there is no technology involved, there is also an immersive effect. Therefore, when we do immersion in the future, we should be good at combining modern technology with traditional technology, not necessarily all technology.

The second is dependence and independence. At present, most immersive projects are attached to existing cultural tourism scenes, such as scenic spots, resorts and city blocks, which can be implanted. At this time, immersive projects play a role of icing on the cake. In the future, a number of immersive projects will emerge as independent attractions. the Void theme park in Utah, the first VR theme park in the world; Circus Loncali in Germany is the first circus in the world to use holographic projection to provide a 360-degree virtual experience space for the audience. There is also the Boundless Art Museum in China, which itself can be very attractive to tourists.

4. THE FUTURE OF IMMERSIVE CULTURAL TOURISM DEVELOPMENT

The first is storytelling. Successful immersive projects can't just rely on the excitement of technology. It's important to tell a good story. In fact, technology is not the purpose, technology is to let us consumers better experience, and then be moved by the creator of the concept and spirit. For example, Huaqingchi's Song of Everlasting Regret, its immersive technology is in line with the story, so it can move people.

The second is specialization. At present, many investors see a good immersion project, they rush to imitate it, which is difficult to have vitality. Therefore, we must innovate based on reality and realize differentiated competition through distinctive things.

The third is interactivity. Immersive projects should be as interactive as possible between the project itself and

the experiencer. It can not be superior, it should be a more shared interaction between the host and the guest, so as to improve the tourists' sense of experience to a greater extent.

And finally, depth. Immersion projects will later be linked to the current popular meta-universe. While the metaverse may not be upon us so soon, it could indeed be a direction. Of course, the purpose of the metaverse is not to replace our real world, but to make it better for us to experience it. With the development of metaverse related technologies, tourists will be able to travel more freely between reality and virtual in the future, and immersive cultural tourism will usher in a brighter future.

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The Main Problems and Countermeasures of E-Commerce Development of Fresh Agricultural Products

Qian Wang

Jiangsu Union Technical Institute, Nanjing, Jiangsu, China

Abstract: Thanks to the rapid development of information technology, the development of e-commerce in China has reached a certain scale and gradually changed the shopping habits of consumers. Fast and convenient online shopping has also provided great convenience for our daily life. However, with the development of social economy, people have put forward higher requirements for the quality of various products. Especially the freshness of fresh agricultural products, in order to promote the development of agriculture, improve the economic benefits of farmers in various regions, should also be timely in view of the development of e-commerce at the present stage of the analysis, and take appropriate countermeasures to improve. This paper mainly discusses the problems existing in the development of e-commerce of fresh agricultural products, and puts forward countermeasures, specifically as follows:

Keywords: Fresh agricultural products; E-commerce development; Face a problem; Countermeasure

1. THE PROBLEMS EXISTING IN THE DEVELOPMENT OF FRESH AGRICULTURAL PRODUCTS E-COMMERCE

1.1 There are shortcomings in cold chain logistics transportation

Fresh agricultural products have the characteristics of perishability, so you need to give cold chain support in the whole process, to ensure that the product quality can be guaranteed, to transport to consumers in various regions. But at present, the cold chain logistics industry in our country does not fully cover, especially in remote rural areas, because of the lack of pre-cooling link, and the intermediate link transport time, So that product quality can not be effectively guaranteed.

1.2 The construction of supply chain is fragile

Because e-commerce shopping is relatively convenient and the price is lower than that of physical stores, it has gradually increased its market share. However, most of the small platforms are facing some crises and have gone bankrupt. After analyzing them, it can be seen that the main reason is that agricultural cooperation is not perfect and its standards cannot meet the established requirements. Due to the lack of system, quality and supply cannot be guaranteed [1].

1.3 High development cost of e-commerce

Although the sales volume of fresh agricultural products on various e-commerce platforms is relatively high, some enterprises still have the phenomenon of low income and loss, which is mainly caused by the high actual operation

cost. In addition, there are many varieties of fresh agricultural products and they are affected by various subjective and objective factors such as season, region and quality, which often cause damage during transportation, which also greatly increases the loss cost. And cold chain support also needs to increase capital investment in daily life, in order to facilitate the development of maintenance work.

1.4 Lack of e-commerce technical talents

Because of the relatively poor environment of the area where fresh produce is produced, and the low profit and low pay, most people would not want to work there for this reason. In addition, with the development of urbanization, most young people in rural areas tend to focus on urban development. Currently, most remaining residents are older middle-aged and elderly people with relatively weak thinking understanding and cognitive ability, thus affecting the operation and development of e-commerce.

2. FRESH AGRICULTURAL PRODUCTS E-COMMERCE DEVELOPMENT OPTIMIZATION STRATEGY

2.1 Improving the cold chain logistics system

Different from other items, fresh agricultural products have higher requirements for preservation, which requires the support of the whole cold chain, and it is closely related to the development of e-commerce. In order to promote its effective development, we should also pay attention to the construction of cold chain logistics transportation system, and constantly optimize and improve on the original basis, so that it can provide a strong guarantee for the overall quality of agricultural products. Fundamentally improve the economic benefits of agriculture. In this regard, financial subsidies can be provided to agricultural enterprises in various regions to help the development of cold chain logistics. Especially, consumers have high requirements for the quality of agricultural products at present, so we should pay more attention to precooling and provide timely financial support. For rural areas, agricultural cooperatives can be encouraged to centrally manage the products of local farmers, which can also effectively improve the overall efficiency and shorten the time of each link by optimizing the process. At the same time, relevant management departments should do a good job in comprehensive testing, and once quality problems are found, they should choose the source and punish them, then guide them to deal with the problems correctly, and provide corresponding transport route suggestions for planning

and planning, so as to ensure the smooth completion of transport work under the condition of quality and quantity guarantee [2].

2.2 Strengthening supply chain construction

In recent years, with the development and progress of information technology, the development trend of e-commerce has become more standardized and mature, and people's shopping habits have changed accordingly. They are more inclined to online shopping, which has greatly increased the overall transaction volume of e-commerce. Of course, the sales volume of fresh agricultural products has also increased year by year. It should also strengthen the construction of organization and promote its development by strengthening the way of infrastructure construction. According to the actual situation, most of the fresh agricultural products e-commerce groups are retail investors, which will greatly increase the difficulty of management, and often affect the overall development quality and efficiency due to improper management. Therefore, the local government should pay more attention to it, pay more attention to its management problems, give its corresponding support, and integrate retail investors to establish enterprises with strong supply capacity. Meet the overall shopping needs. Then, the shopping habits of residents are analyzed, their characteristics are summarized, and on this basis, the quality of various agricultural products is detailed classified, so that consumers can choose appropriate and satisfactory products on the e-commerce platform. At the same time, the various standards need to be communicated to farmers and rural cooperative organizations in the regions, which can also provide information support to ensure overall quality. Secondly, brand effect has a strong influence in China, and most shoppers will choose brands with good reputation. Therefore, all departments should pay close attention to this point, timely implement brand construction, do a good job in quality control, establish a good brand image, and effectively improve the overall competitive advantage. E-commerce platforms can also vigorously promote through live broadcasting. So as to achieve the purpose of comprehensive promotion.

2.3 Reduce the cost of e-commerce

According to the actual situation, the sales of fresh agricultural products in various regions need the support of e-commerce platforms, which are complementary to each other. Only after the e-commerce platform obtains profits can farmers' participation enthusiasm be effectively mobilized. However, at the present stage, due to the particularity of fresh agricultural products, the cost of e-commerce is relatively high. In the case of its reduced economic benefits, it is also unfavorable to the development of fresh agricultural products e-commerce. To solve this problem, relevant departments should also take corresponding measures to effectively reduce the

overall cost, including operation and information cost, and constantly optimize and improve the information service platform, do a good job in the integration of network resources, improve the convenience of communication through environmental construction, and the overall cost of e-commerce will be reduced when the information cost is reduced. Fundamentally promote the development of e-commerce [3].

2.4 Training professional talents

The development of fresh agricultural products e-commerce has a high demand for professional and technical personnel, in order to effectively promote its overall development, we should also do a good job in personnel training, through the regular organization of training to improve the overall professional quality of e-commerce personnel. At the same time, some encouraging measures can be taken to attract talents, especially college students in the new era, who are relatively strong in accepting and learning new things and can impart new sales concepts and business operation methods to farmers, so as to help them master more knowledge and effectively apply them to the development of online market.

3. CONCLUSION

To sum up, e-commerce, as a new sales channel for fresh agricultural products, can bring higher economic benefits to farmers in various regions, thus promoting the development of agriculture. However, due to the influence of various factors, the development of e-commerce is not good and it is unable to provide corresponding services for them. In this regard, it is necessary to find out the problems in time and formulate corresponding countermeasures on this basis. Including cold chain logistics and supply chain construction, reduce e-commerce costs, strengthen personnel training and other measures, so as to promote the development of fresh agricultural products e-commerce.

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The Path and Method of Quality Management of Student Party Members' Development in Colleges and Universities

Yongsheng Yan

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Under the background that socialism with Chinese characteristics is developing in the direction of a new era, China has begun to pay attention to the development of youth work. Colleges and universities are important positions of the Party in youth work, so colleges and universities need to pay attention to improving the quality of the development of party members, so as to strengthen the ruling foundation of the party and improve the ruling ability of the party. This paper probes into the paths and methods of quality management for the development of student party members in colleges and universities.

Keywords: College students; Party member development; Management path

1. INTRODUCTION

Under the background of the new era, the development of university party organizations also faces new development opportunities and challenges, among which the quality of student party members is related to the infrastructure of colleges and universities. In this case, if the development of university student party members wants to improve the quality management level, it is necessary to follow the trend and understand the new opportunities for university development under the leadership of the Party in the new era. the quality of student party members in colleges and universities should be promoted through the improvement of ideology and system, so that colleges and universities can train high-quality party members.

2. THE CURRENT PROBLEMS IN THE DEVELOPMENT OF COLLEGE STUDENT PARTY MEMBERS

2.1 Training and education work is not systematic enough
The lack of rigor and passivity in the selection of party members in colleges and universities, and the obvious rigidity of the work process and other negative problems, thus it is often difficult to timely and actively find outstanding young students. From the perspective of training and education, most colleges and universities do not have a long-term and systematic training and education mechanism, which not only directly affects the overall ideological and political quality of college students, but also seriously reduces the development efficiency and quality of college student party members. With the continuous development of China's social and economic system, the society is filled with more and more diversified ideas and values, which leads to some college students who do not have firm ideals and beliefs when

they join the party, and eventually it is easy to cause negative problems such as organizing to join the party but not joining the party.

2.2 The assessment and evaluation work is not sound enough

In the current society, colleges and universities are facing new requirements in the development of the number of student party members. However, due to the obvious lag in the aspects of institutions, personnel and systems, colleges and universities are often difficult to ensure the quality of development when facing the heavy pressure on the development of student party members, and gradually deviate from the new requirements for the development quality of college student party members in the new era. At present, the internal development process of colleges and universities is becoming more and more perfect. However, due to the influence of many factors, there are obvious shortcomings in the control of the development process, especially in the construction and implementation of the assessment and evaluation mechanism. Under normal circumstances, colleges and universities are relatively strict in the training and investigation of active party members, but in the follow-up aspect, some colleges and universities do not have a complete and effective management and evaluation mechanism, which ultimately leads to some preparatory and formal party members are difficult to have a good sense of party spirit and responsibility.

3. WAYS AND METHODS TO IMPROVE THE DEVELOPMENT QUALITY OF COLLEGE STUDENT PARTY MEMBERS

3.1 Establish a systematic training and education system
According to the actual situation, with the in-depth implementation of the concept of lifelong learning in the education stage of colleges and universities, colleges and universities need to carry out systematic training and education work for the development of student party members. In this process, colleges and universities need to systematically do a good job in the training and education system of student party members. In terms of educational content, they need to choose some educational contents that are consistent with the development trend of the Times, meet the development needs of the Times, and have certain connections with students' daily life, so as to further optimize the training and education mode while effectively improving the training and education pattern and height of student party members. Secondly, colleges and universities also need to fully implement the concept of the integration of knowledge and action, so as to

effectively improve students' cognition and ensure the standardization of their daily behaviors, and ultimately ensure that students can enhance their political literacy and party spirit on the basis of their own ideals and beliefs. Separately, in the implementation of the selection of active party members, college student party branches need to scientifically transform the traditional passive selection method, conduct in-depth analysis of the annual party member development work, and build a good and effective communication and feedback system with the league branch, so as to fully grasp the actual situation of young members. For excellent young students, colleges and universities need to timely implement the requirements of political consciousness, party spirit cultivation and other aspects of education and training, so that they can correct the motivation of joining the Party; In terms of the selection of education and training content, colleges and universities need to make clear the needs of party members' development, and carry out in-depth research on the different needs of party members' development in different links. Under normal circumstances, party members' development can be divided into two major links: active party members and probationary party members. Therefore, colleges and universities need to build a perfect education and training content system on the basis of clarifying their needs. For the selection and investigation of active applicants, the content of education and training should be biased toward ideals and beliefs, and the history of Chinese civilization, Party history and other contents should be reasonably integrated into the content system of education and training, so as to ensure that college students can maintain their own ideals and beliefs while maintaining the original aspirations of Communists; As for the education and training of probationary party members, colleges and universities should focus on the cultivation of politics and party spirit, and integrate the party rules, the Party Constitution and the theory of socialism with Chinese characteristics into the education and training, so as to promote them to establish a good sense of responsibility while clarifying their own historical mission.

3.2 Establish a comprehensive assessment and evaluation system for the whole process

In order to optimize the development quality of student party members in college education, it is necessary to speed up the improvement of the assessment and evaluation system. In the construction of the assessment and evaluation system, it is necessary to realize the whole process and all-round assessment and evaluation to ensure the development quality of student party members. At present, when evaluating students in the active party membership stage, colleges and universities need to focus on the motivation of students to join the Party, and at the same time, students' ideological and political performance and cultural learning performance should be comprehensively evaluated. When carrying out the

assessment work, it is necessary to carry out a comprehensive assessment of the students in accordance with the actual situation of the party member development work, and conduct multiple investigations on the daily performance of the students. Only after the assessment is completed can they be selected as an active member of the Party. During the active Party membership period, they are required to attend party school training and party course completion exams, during which universities are required to establish personal files for students to ensure that students' training experience and social practice are recorded in detail in their personal files. In the assessment, it is necessary to quantify the archival data, and to be as specific as possible for some unquantifiable data information, so as to improve the fairness and fairness of the assessment. Secondly, in the assessment of probationary party members, it is necessary to be rigorous, carry out relevant political examination in strict accordance with the basic process of party member development, conduct a comprehensive investigation of students' political background, student files and personal files, and evaluate students' ideological status through interviews and pre-examination. At the same time, a more objective and clear understanding of the students was formed through the entrance examination of the Party.

4. CONCLUSION

To sum up, in the current society, colleges and universities need to focus on the improvement of the development quality of student party members, and continuously improve the ideological cognition of college students through the comprehensive implementation of the education concept of integrating knowledge and action, so as to ensure that students can undertake their own historical mission in the process of practice. Therefore, colleges and universities need to conduct in-depth exploration on the development quality improvement path of student party members. And then improve the quality of the development of student party members, so as to ensure that the level and quality of the development of student party members can be effectively improved.

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Research On the Construction of Vocational College Campus Culture Based on Labor Spirit

Haiyan Yu

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Training labor spirit is an important means to inherit and develop the Party's policy. Therefore, higher vocational colleges should carry out cultural construction from material, spiritual, institutional and behavioral perspectives under the support of the principle of moral cultivation, so as to ensure that labor spirit can be integrated into the construction of campus culture in higher vocational colleges. This article briefly introduces the necessity and feasibility of carrying out the construction of campus culture in higher vocational colleges based on labor spirit, and explores the measures to integrate labor spirit into the cultural construction of higher vocational colleges, hoping to provide support for the inheritance and promotion of labor spirit, and meet the development needs of higher vocational college students in the new era.

Keywords: labor spirit; Higher vocational education; Campus culture; Construction

1. INTRODUCTION

Moral cultivation is the primary goal of higher vocational development. Therefore, the relevant personnel should carry out labor education from the overall perspective, publicize the labor spirit, and integrate the labor spirit into the construction of the campus culture of higher vocational colleges, enhance the professional quality of college students at the same time to improve the labor quality of college students, so that college students become high-quality talents needed for social development.

2. THE NECESSITY AND FEASIBILITY OF THE CONSTRUCTION OF HIGHER VOCATIONAL CAMPUS CULTURE BASED ON LABOR SPIRIT

It is very crucial to carry out the construction of campus culture in higher vocational colleges based on labor spirit, which can improve the quality of cultural construction and meet the needs of sustainable development of higher vocational colleges. Therefore, relevant personnel should pay more attention to the cultural construction of higher vocational colleges, and integrate labor spirit into it, and make clear the necessity and feasibility of labor spirit in the construction of campus culture.

2.1 Necessity

Campus culture refers to material, spirit, behavior and system four aspects, interactive, permeable, epochal, inheritance characteristics are more significant, can stimulate students, improve the level of moral education, is an important means of vocational colleges to publicize labor spirit [1]. First of all, campus culture will have an intangible influence on students. This is mainly because the students are developed in the campus culture, and the

campus culture can reflect the characteristics of higher vocational colleges, history and so on, can show the school's cultural level, restrain the students' words and deeds, is difficult to reflect any curriculum. Second, strengthen the propaganda of labor spirit, in-depth analysis of labor spirit propaganda is to improve the quality of campus culture construction, show the education function of the key measures. Therefore, the university should combine the quality of labor with the construction of campus culture, create a variety of different types of cultural activities, to ensure that college students can achieve better development under the support of hard work, love and dedication.

2.2 Feasibility

First, the key to teaching in higher vocational colleges is to provide more high-quality talents with strong technical literacy for social development, and talent training is closely related to production labor and social service labor, so that students can improve their ideological and moral cultivation through learning and mastering more vocational skills, including the content related to labor spirit. Therefore, the construction of campus culture can promote the labor spirit. Second, the cultural construction of higher vocational colleges can not only learn excellent traditional culture and local characteristic culture, but also learn advanced culture and vocational culture of enterprises, so as to provide support for the publicity of labor spirit. Its advantages can be summarized as follows: First, from the theoretical level. Higher vocational colleges take training technical talents as the main goal, have the most glorious spiritual key of labor, pay more attention to excellence, and conform to the propaganda goal of labor spirit in the new era [2]. Second, from the practical level. Vocational colleges attach importance to the integrated development of learning, doing and creating, and need to enhance the practical quality of students, and create a relatively perfect social practice teaching system and internship system, which can provide students with labor learning opportunities, enhance their labor spirit. Third, it is rich in resources. There are more basic equipment in higher vocational colleges, and there are double-qualified teachers' teams, which can integrate labor spirit into professional teaching, and enhance students' labor spirit while improving their labor literacy. Fourth, resources can be summarized. The talent training mode used by higher vocational colleges can strengthen the cooperation between schools and enterprises, and then summarize the labor resources possessed by various industries, such as training bases and teacher teams, so as to provide students with opportunities for ideological and

political learning and labor learning and enhance their professional quality.

3. PROBLEMS EXISTING IN THE CULTURAL CONSTRUCTION OF HIGHER VOCATIONAL COLLEGES BASED ON LABOR SPIRIT

To carry out the cultural construction of higher vocational colleges based on labor spirit is the inevitable development of the Times and can meet the needs of further development of higher vocational colleges. However, due to the influence of some factors, there are still deficiencies in the cultural construction of higher vocational colleges based on labor spirit. Relevant personnel need to explore vigorously and clarify common problems:

3.1 Not digging deeply into the spirit of labor

In order to create a campus culture that can meet the development needs of higher vocational colleges, we must base on our traditional culture. Therefore, teachers must integrate labor spirit into campus culture, dig deeply into the labor spirit of people and things around them, make clear the connotation of labor spirit, and ensure that the labor spirit can be recognized by students and teachers. In this process, more efforts should be made to publicize and ensure that the integration of labor spirit and campus culture has cultural characteristics and connotations. However, from the actual analysis, it is found that when carrying out the cultural construction of higher vocational colleges, relevant personnel do not pay attention to the cases around them, lack of understanding of the development spirit of higher vocational colleges and advanced figures in higher vocational colleges, there is no specialized personnel responsible for this work, from a certain point of view, hinders the mining of vocational colleges and local labor spirit education resources.

3.2 Lack of attention to the design work of cultivating labor spirit

Campus culture system is the key component of higher vocational campus culture, which can combine labor spirit and campus system culture, influence students imperceptibly, and make students take the initiative to learn labor spirit. However, due to the influence of many factors, there are still deficiencies in integrating labor spirit into the construction of campus institutional culture. Common problems can be summarized as follows: First, the propaganda of labor spirit is staged. Some higher vocational colleges generally publicize labor spirit in special time such as May Day, and do not deeply explore the connotation of labor spirit, which leads to students' one-sided understanding of labor spirit, and the propaganda effect of labor spirit is not ideal. Second, the theoretical teaching is not clear [3]. Theory can guide action, and vocational colleges usually take ideological and political classes as an important channel when carrying out the propaganda of labor spirit. Although the cases of advanced figures are introduced, the connotation behind them is not analyzed, which is the focus of labor spirit. Thirdly, it did not carry out targeted propaganda work of model workers' spirit system and culture. Most of the system activities carried out by higher vocational colleges are roughly the same, and no activities can really

meet the needs of labor spirit publicity, resulting in extracurricular publicity can not get due attention. In the offline activities carried out in the school, the early publicity was not much, so various activities could not be carried out continuously, and the feedback was not carried out in the later period. In order to improve this situation, it is necessary for higher vocational colleges to formulate appropriate measures to integrate labor spirit into the construction of campus culture.

3.3 Do not form a full understanding of labor

First, there is no sense of labor. In the new era, students' concept of labor is weak, mainly because most of the students can not form a full understanding of labor value, unwilling to participate in labor activities. Moreover, with the improvement of technological level, most of the children's labor has been replaced by electrical appliances, and students have fewer opportunities to participate in labor. In addition, because all sectors of society attach a high degree of importance to knowledge education, parents will take students' grades as the only key, but ignore labor education, resulting in young people's labor literacy is low, unable to show the importance of labor. In addition, because young people do not have labor experience, they not only reject labor psychologically, but also do not want to carry out labor activities emotionally. They think labor is very boring and do not want to participate in labor activities. Second, there is a lack of attention to manual labor. Three hundred and sixty lines, line out of the top, there is no high and low career. However, due to the constraints of traditional concepts, there are still some cases of neglecting vocational education, which results in that vocational education that takes cultivating students' technical literacy as the key still does not receive due attention [4]. Most of the students in higher vocational colleges pay attention to intellectual labor and ignore physical labor. This view of labor is not reasonable. From a certain point of view, it hinders the inheritance and development of labor spirit.

4. THE LABOR SPIRIT INTO HIGHER VOCATIONAL COLLEGE CULTURAL CONSTRUCTION MEASURES

4.1 We should integrate the spirit of labor into material and cultural construction

Material culture can directly present the construction of campus culture in higher vocational colleges, which is a key means to enrich campus culture, show campus characteristics and campus social image. In the construction of material culture, we should integrate labor spirit into it and improve the appeal of labor culture. First, it is necessary to design characteristic campus buildings and create a labor landscape. While inheriting excellent labor culture, industrial culture and modern enterprise culture are integrated into it to ensure that the labor spirit can be more intuitive. Second, we should show the characteristics of vocational education, school and industry in the infrastructure to ensure that it becomes touchable. For example, some pictures of artisans should be posted in higher vocational colleges and their deeds should be introduced to create a suitable labor culture environment. Thirdly, the representation of training bases,

equipment and colleges should be improved, and the connection between industrial cultural elements and natural landscape should be strengthened to make vocational education more cultural. Fourthly, it is necessary to establish a unique school history exhibition hall. Higher vocational colleges have developed for a long time, and the school history exhibition hall can show the course of higher vocational colleges and the formation track of campus culture.

In the campus with strong labor culture, no matter the calligraphy and painting highlighting the campus culture or some labor classic sayings, they can help students have a deeper understanding of the labor spirit, so that students can be intangible influenced by the labor spirit and achieve better development.

4.2 We should integrate the spirit of labor into the construction of spiritual culture

Spiritual culture is the focus of campus culture construction, which can reflect the spiritual and cultural achievements obtained by higher vocational colleges in the process of continuous development, help teachers and students form correct values and behavior habits, and show the school spirit, teaching style, learning style, interpersonal relationship, improve the cohesion of teachers and students, and make teachers and students more belonging to higher vocational colleges [5].

Integrating spiritual culture into labor spirit can make students have strong professional accomplishment and help students in higher vocational colleges achieve development goals under the guidance of correct professional belief. First, the spirit of labor should be incorporated into the school emblem and motto to reflect the characteristics of the school and the value of the school. Second, we should do a good job in the construction of study style, ensure that students can be more self-disciplined, achieve a deep integration of labor spirit and daily life, improve students' spirit of hard work. Thirdly, it is necessary to combine the labor spirit with the school and enterprise culture, and establish a special training base by means of the integration of production and education, so as to ensure that the labor spirit can be reflected in the daily teaching process and enhance the students' labor literacy. Fourthly, it is necessary to publicize labor spirit by means of new media platforms, carry out labor culture propaganda with the support of modern information technology, and form correct network public opinions and guide students to form correct values by sharing relevant views, exploring themes and creating appropriate situations.

4.3 The spirit of labor should be integrated into the system Perfect system planning is a key measure to ensure the stable operation of higher vocational colleges and orderly promotion of various teaching activities. It can help students strictly follow the rules and regulations and achieve better development. First, to supplement the relevant rules and regulations, improve the concept of rules for teachers and students, and create perfect rules and regulations, from the details of the management work, so that teachers more strict with themselves. Secondly, the teaching standards should be improved according to

relevant professional norms, and enterprise standards should be integrated into the personnel training plan, so as to strengthen the connection between theory and practice, so as to ensure that students can adapt to the needs of future jobs in a short time and become high-quality talents for social development. Fourthly, professional oaths and taboos should be integrated into practical teaching to ensure that students can be immersed in learning, full of reverence for the profession, and improve students' ideological and moral cultivation while enhancing their professional quality.

4.4 The spirit of labor should be integrated into the behavior culture

The combination of labor spirit and behavior culture construction can enable students to enhance their practical ability under the support of labor spirit, and solve the problems in students' life and study with the help of the knowledge they have learned, so as to ensure that students can achieve their development goals through labor. First, we should intensify teaching reform with the help of labor spirit. This requires vocational colleges to set up special labor compulsory courses and elective courses, with the help of labor teaching to improve students' moral literacy, aesthetic ability and professional literacy, strengthen students' physical fitness, and ensure that students can form a full understanding of labor value. In this process, more efforts should be made to carry out ideological and political construction of curriculum, so as to achieve the goal of cooperative education of labor curriculum, ideological and political curriculum and professional curriculum. In addition, students can also realize the advantages of apprenticeship with Chinese characteristics, take the initiative to transfer professional knowledge and labor skills, so that students can form a deeper understanding of labor and master more labor skills. Secondly, labor spirit should be integrated into practice education, and a perfect comprehensive education system should be built. Production needs and skills requirements for employees should be clearly defined, and practical training course system should be set up accordingly, so as to ensure that students can form good labor quality by learning higher professional quality and spirit of hard work. Third, we should carry out characteristic themed campus cultural activities, and integrate the spirit of labor into them. In this process, it is also necessary to hold regular lectures on skills and publicize the deeds of skill masters, so as to ensure that students can form a deeper understanding of craftsman spirit and show the educational advantages of higher vocational colleges [6]. In addition, you can communicate with alumni, invite alumni to share experiences and encourage students to keep moving forward. In this process, it is also necessary to strengthen labor education with Labor Day as the theme, so that students have a richer emotional experience, and then form a correct understanding of labor value. Finally, it is necessary to provide students with practical opportunities to ensure that students can truly realize the hard work, empathize with workers and improve their own spiritual cultivation.

5. CONCLUSION

In the new era, labor spirit has been paid more attention by more people. Strengthening the connection between labor spirit and campus culture construction can help students in higher vocational colleges to form a full understanding of labor spirit, make students feel the happiness of labor, and change the current situation that students in higher vocational colleges excessively ignore physical labor and hinder their own development. Thus, it ensures that students can continue to learn labor skills under the support of lifelong labor concept, and provides good conditions for students' follow-up study and life.

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Application Of Virtual Reality Technology in Interior Design and Decoration

Mingli Zhang

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Science and technology is the first productive forces of society, and science and technology has the ability to change life, advanced scientific and technological achievements and science and technology successfully promoted the social information, intelligent, digital development process, successfully changed the original social production and life mode. At this stage, in the development of the field of architectural engineering, scientific and technological achievements have successfully improved the level of construction, and gradually realized the information and intelligence of architectural engineering. As far as the application of virtual reality technology in interior design and decoration is concerned, the purpose of optimizing the interior design effect has been realized, and fresh vitality has been injected into the interior decoration industry. In this paper, virtual reality technology as the research object, from the dimensions of interior design and decoration carried out a detailed analysis, in order to share and exchange with people in the construction industry.

Keywords: Virtual reality technology; Construction engineering field; Interior design and decoration; Application strategy

1. INTRODUCTION

Interior decoration is an important part of the field of architectural engineering, and it is a means to improve the aesthetics and comfort of buildings. With the continuous improvement of people's quality of life, the residents' requirements for interior decoration increase, which stimulates the development of interior decoration industry to a certain extent. Interior design as one of the main contents of interior decoration, its design effect greatly affects the quality of interior decoration, which requires continuous improvement and innovation of interior design technical means, only in this way can provide strong support for the continuous development of interior decoration industry. In this context, virtual reality technology has become a new direction of modern interior design. Different from traditional interior graphic design, this design form can present the design scheme to users in the form of three-dimensional scenes, so that users can intuitively feel the interior design effect, so as to achieve the purpose of improving user satisfaction.

2. BASIC OVERVIEW OF VIRTUAL REALITY TECHNOLOGY

The so-called virtual reality technology can also be referred to as spiritual environment technology or artificial environment. Its principle is to simulate the real world or virtual world. In general, a series of special equipment is needed to create auditory, visual, tactile and

other sensory environment to form a scene with three-dimensional perception, in which you will have immersive feelings [1]. the application of virtual reality technology in interior design and decoration can transform the floor plan or effect drawing of interior design into an intuitive and vivid three-dimensional scene, so that users can see the design scheme immersive. Even those who do not have professional interior design knowledge can also roughly understand the concept of design and judge the quality of interior design.

3. BASIC CHARACTERISTICS OF VIRTUAL REALITY TECHNOLOGY

3.1 Perception

Virtual reality technology can show designers' ideology in the form of three-dimensional images, so that users can understand the style, concept and details of the design. Based on the characteristics of virtual reality technology, its application in interior design and decoration reflects the characteristics of perception [2]. Under normal circumstances, virtual reality technology can not only provide visual experience, but also create auditory, tactile and olfactory experience, which will bring users a variety of perceptions, and can better show users the design effect. Compared with the plane renderings presented by computer software, virtual reality technology has more significant advantages.

3.2 Interactivity

The interactive feature is one of the highlights and characteristics of virtual reality technology. It mainly means that users can operate in the scene and change the original things in the scene, which will provide users with a more real and delicate experience. the embodiment of interactive features in interior design and decoration is mainly manifested in that users can perceive the scale, shape proportion and other conditions of interior space through their own sense of touch, so as to improve users' understanding of interior design schemes.

4. THE APPLICATION ADVANTAGES OF VIRTUAL REALITY TECHNOLOGY IN INTERIOR DESIGN AND DECORATION

4.1 Make up for defects

Traditional forms of interior design and decoration are often affected by various factors and can not achieve the design objectives. the more common influencing factors include capital, site, equipment, etc., so some design links are difficult to complete, which limits the technical ability of designers to a certain extent. In contrast, the application of virtual reality technology in interior design and decoration can effectively make up for the defects in traditional design, which can not only effectively reduce the cost of design, but also successfully realize a series of

design ideas and schemes, and also help to reduce the workload of designers.

4.2 Reduce harm

Interior design and decoration requires professional knowledge and technology as support, which is also the reason why many people do not understand the design drawings. In terms of traditional interior design and decoration, customers and designers often have the problem of poor communication, customers can not express their wishes clearly and accurately, and designers can not explain the design plan concretely and effectively. Eventually, it will bury hidden dangers to the interior design and decoration, and even lead to the decline of customer satisfaction. If virtual reality technology is applied, it can effectively reduce the harm, mainly because virtual reality technology can directly present the design effect and provide customers with immersive feelings. In this case, customers can understand the design scheme more directly, and at the same time, they can clearly express their dissatisfaction with the design, so as to avoid the harm caused by poor communication between customers and designers.

4.3 Improve the precision of cost budgeting

Cost is the key element of limiting interior design and decoration, beyond the budget given by customers naturally can not be recognized by customers, so reasonable control of interior design costs has very important significance. At the present stage, with the rising costs of decoration materials, decoration labor and decoration technology, the overall cost of interior design and decoration shows a rising trend, which puts forward higher requirements for designers to carry out interior design work. If virtual reality technology is applied in the interior design process, the precision of design cost control can be improved, and the satisfaction of customers on the design scheme can be improved.

5. THE APPLICATION STRATEGY OF VIRTUAL REALITY TECHNOLOGY IN INTERIOR DESIGN AND DECORATION

Based on the application advantages of virtual reality technology in interior design and decoration, the architectural engineering industry should increase the application of this technology, and innovate and explore new methods and paths in practical application, so as to continuously improve the overall level of interior design and decoration.

5.1 Increase investment in hardware procurement

Virtual reality technology can only be applied with the help of special equipment. Based on the understanding of this technology, it is found that the equipment price is high, which seriously hinders the promotion of virtual reality

technology in the interior decoration industry. Based on this, interior design and decoration enterprises should increase the investment of hardware procurement funds, especially for the purchase of a full set of virtual reality technology equipment, in order to create favorable conditions for the application of virtual reality technology to achieve interior design.

5.2 Strengthen the training of interior design and decoration personnel

Application of virtual reality technology for interior design and decoration, in addition to relying on relevant technical equipment, but also designers with professional knowledge and technology, so the industry must strengthen the technical training of interior design and decoration personnel. For example, interior design and decoration units regularly organize designers to participate in skills training activities, mainly to teach designers the application methods of virtual reality technology, and develop the corresponding skills assessment mechanism, so as to strengthen the comprehensive quality of designers.

5.3 Job outsourcing

Due to the high price of virtual reality technology equipment, some design enterprises with insufficient capital and technology can promote the business mode of outsourcing. The main task is to entrust the virtual reality simulation work to the design enterprises with sufficient capital and technology, and cooperate with the enterprises to optimize the design scheme until the requirements of customers are met.

6. CONCLUSION

To sum up, the application of virtual reality technology in interior design and decoration is an inevitable trend of informatization and intelligent development in the field of architectural engineering. The interior design and decoration industry and enterprises need to accelerate the pace of reform and innovation, vigorously promote and apply virtual reality technology, so as to improve the overall level of interior design and decoration.

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Research On the Path of College Mental Health Education in the New Era

Qinyue Zhang

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Mental health education is an important part of college personnel training and the basic guarantee for students' all-round development. In order to promote the effective development of education in colleges and universities, the paper discusses the feasible practice path from five aspects: renewing education idea, integrating education content, innovating work means, expanding new media resources and optimizing teaching staff.

Keywords: Mental health education; Educational concept; Means of work; Practice path

1. INTRODUCTION

The university stage is the key period for the gradual formation of individual values and the continuous improvement of personality. College mental health education is an education to improve the psychological quality of college students, promote their physical and mental health and harmonious development, is an important part of college personnel training system, is also an important content of college education work. Mental health education pays attention to "psychological education" in the education system, adheres to the combination of psychological education and moral education, strengthens humanistic care and psychological counseling, and deeply builds a "five-in-one" mental health education pattern of education and teaching, practical activities, consulting services, prevention and intervention, and platform protection. Under the guidance of the fundamental task of cultivating morality in colleges and universities, this study takes serving students as the center, preventing psychological problems, improving psychological quality and shaping sunny mentality as the goal, and discusses the practical and innovative path of mental health education in colleges and universities.

2. UPDATE THE EDUCATIONAL CONCEPT AND STRENGTHEN THE ANALYSIS OF LEARNING SITUATION

The development of students is not only reflected in the enrichment of professional knowledge, but also in the healthy development of the mind. the work of mental health education fully respects the subject status of students, implements the people-oriented education concept, actively integrates the basic theories of pedagogy and psychology, and carries out education on the basis of the analysis of students' situation.

2. 1 I put yourself in your shoes

College is the transition of students from school to society, and students' study and life, interpersonal communication and career planning need teachers' correct guidance and timely guidance. Both inside and outside the classroom, teachers are fully student-centered and integrate

understanding, care, warmth, sincerity and other positive elements into the education. Teachers empathize with students, listen and communicate fully, and experience students' true feelings. Sort out the actual needs of students, fully understand the current mentality of students, truly answer questions for students, become a good teacher and friend of students, and promote students' psychological exploration and spiritual growth. [1]

2. 2 Teach students according to their aptitude and respect differences

"People's hearts are different, each has its own face", the causes of personality development are complicated, respect the individual differences of students, in education fairness and justice, pay attention to unconditional positive attention, let students fully realize the respect and attention, develop a positive and optimistic, self-esteem and confidence of a good attitude, and can integrate the positive psychological perspective of character advantage theory. Explore the positive qualities and advantages of each student inside and outside the classroom, so that students can fully recognize, truly experience and actively accept themselves, improve psychological capital, promote mental health, and stimulate psychological potential.

2. 3 Research Learning Situation And Precise Demand

Investigation of learning situation and needs is the premise of accurate mental health education. For example, in the freshman year, all colleges and universities conduct psychological screening for freshmen, focusing on students with positive symptoms such as emotional instability, interpersonal sensitivity and compulsion. Students need to adapt to the new environment. Based on different psychological resilience and coping styles of students, their performance varies according to the law of physical and mental development of students. Emotional regulation and stress management are important topics in college mental health education.

3. INNOVATE WORKING METHODS TO PROMOTE EDUCATION EFFECT

Based on empirical research related to psychology, this paper breaks traditional teaching concepts, starts from individual development laws and psychological needs, innovates work ecology, develops scientific and operable working means, and promotes the innovation and development of mental health education through group psychological counseling, sandplay therapy, psychodrama performance and other forms.

3. 1 Group counseling, excavating team motivation

Group psychological counseling helps to promote mental health education in colleges and universities. Some colleges and universities have launched growth

workshops since freshmen are enrolled. the content of group counseling covers sleep management, time management, stress management, emotional expression training and other aspects. Promote students to produce lasting spiritual motivation, so that positive behavior occurs imperceptibly.

3. 2 Sand table healing to relieve mental pressure

Scholars have shown that group sand table can improve the mental health level of college students and is an effective way to carry out mental health education in colleges and universities. Based on the sandtable technology and the group psychological counseling theory, the structured group sandtable plays an important role in the stress coping efficiency of college students through four aspects: emotional guidance, interpersonal nourishment, cognitive remodeling and self-sublimation. Sandplay is an important means of college students' mental health education, which can be effectively used in psychological counseling and education to help students relieve emotions, reduce pressure and enhance mental health. [2]

3. 3 Activities to educate people and build campus culture

The construction of campus mental health culture can effectively promote students' ideological and political education. For example, the annual Mental health Month activities are carried out for school students to carry out psychological assessment, film appreciation, music relaxation, emotional catharsis and other activities to form a material culture of mental health education. In this way, psychological elements can influence students' thinking mode, moral concept and value orientation, and promote the effect of mental health education in colleges and universities.

4. USE NEW MEDIA RESOURCES TO EXPAND EDUCATION MODELS

The construction of network culture can effectively affect the work of mental education in colleges and universities. College students are the main group of Internet users, and "Internet +" education comes into being. Teachers can make use of the advantages of convenient and fast network, good confidentiality, wide dissemination, ideological guidance and psychological counseling for students. For example, establish relevant wechat public accounts, psychological counseling websites, apps and other new media to popularize psychological knowledge online, carry out psychological assessments through questionnaires, and investigate the dynamics of students, so as to set up targeted online psychological counseling.

5. OPTIMIZE THE TEACHING STAFF AND CONSOLIDATE THE EDUCATIONAL FOUNDATION

Teaching staff construction is an important guarantee for curriculum construction. Colleges and universities should

build a mental health education teaching staff with full-time teachers as the backbone, part-time teachers as the supplement, professional combination, professional complementarity, relatively stable and good quality. [3] The professional knowledge, professional skills and comprehensive quality of mental health teachers directly affect the effect of higher education. Based on the combination of competition and training, it is imperative to optimize teachers. Colleges and universities may hold psychological knowledge and skills competitions from time to time to promote training and systematically and effectively expand the breadth and depth of mental health education in colleges and universities. Regular training of different themes, levels and forms should be carried out to improve teachers' comprehensive quality. Colleges and universities can carry out multidimensional training of teachers' moral quality, professional knowledge and comprehensive ability, so as to make mental health teachers have strong professional skills and good self-quality, and teach students the quality of teachers' self-confidence, optimism and determination.

6. CONCLUSIONS

Mental health education is the basic work to improve mental health literacy. Mental health education in colleges and universities carries out education based on individual psychological needs, emotional states, interpersonal relationships and personality development, so as to promote college students to have a rational, peaceful, self-esteem, self-confidence and positive attitude. To sum up, the effective implementation of the practice path will effectively improve the effectiveness of mental health education in colleges and universities, promote students to develop good ideological and moral character, construct correct three views, and promote the overall formation of personality quality, which has very important and positive significance.

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The Operation Strategy of Wechat Public Platform in Colleges and Universities Under the New Media Environment -- Taking the Official Wechat Public Account of Zibo Vocational Institute as An Example

Wenwen Zhang

Department Of Publicity & United Front Work of Zibo Vocational Institute, Zibo, Shandong, China

Abstract: The wechat public platform of colleges and universities should be student-oriented, fully tap the education and service potential of wechat public accounts, and unite students with vivid carrier and expression form. In this paper, the operation strategy of "Zibo Vocational Institute Micro Campus" wechat official account is studied to provide reference for the work of other universities and departments.

Keywords: Wechat public platform; Colleges and universities; Operation strategy

1. INTRODUCTION

In the era of new media, the wechat public platform of colleges and universities has the characteristics of strong target audience, fast propagation speed, flexible creation method, diversified content, strong interaction and high stickiness of fans. It plays a positive role in meeting students' information needs, realizing students' communication and cohesion of students' emotions. As the only official wechat account of Zibo Vocational Institute, "Zibo Vocational Institute Micro Campus" has closely focused on the fundamental task of promoting virtue and cultivating students. Since its launch, "Zibo Vocational Institute Micro Campus" has continuously innovated content output, followed the trend of the times, and launched a series of popular new media products that are popular with teachers and students and have the function of educating people. At the same time, the functions of "service guide" and "online service" have been opened to realize the interactive communication and ideological guidance with teachers and students. Currently, the account has more than 65, 000 followers.

2. CREATING A POSITIVE AND ENTERPRISING EDUCATIONAL ATMOSPHERE CENTERED ON EDUCATION

We should focus on the main line of "educating people" construction and innovate content supply. We should pay attention to online ideological and political education, strengthen the publicity of school-based culture, traditional culture and role models, and build them into a series of cultural brands to lead young people's thoughts and effectively improve the education effect. "Zibo Vocational Institute Micro Campus" wechat public account takes "education" as the main line, innovates

content supply, creates a series of cultural brands, and effectively improves education effect. the "Discussion on Vocational Education Law" vigorously promotes vocational education policies, allowing teachers and students to truly understand and practice educational policies. "Using the National Album to tell the history of the Communist Party of China", " Zibo Vocational Institute Thought Gas Station" thematic, spread the voice of the Communist Party of China to every teacher and student. " First encounter with freshmen " " Youth comes from military training " " the celebration of the founding of Zibo Vocational Institute " and other topics, continue to strengthen the ideal and faith education, continue to cultivate students love the Communist Party of China and our Institute. the theme of "Strivers • Youth" is to dig out typical characters and deeds around teachers and students to create an atmosphere of pioneering and striving for excellence. Plan the theme of "A Letter Home" in the opening season to promote the coordinated education of family, school and society. the program "Jixia Xinyu" enables students to learn about excellent traditional Chinese culture in a relaxed and pleasant atmosphere, and guides young people to enhance their cultural confidence.

3. EXPAND COMMUNICATION POWER AND CREATE A SPIRITUAL HOME THAT IS APPROACHABLE AND ENJOYABLE.

Adhere to "the content is the king" idea, to create explosive network products. In-depth exploration of wechat public account platform properties and functions, aiming at popular campus events, as well as close to the teachers and students work, study, life of all aspects, through the launch of voting, lottery and other novel forms to create popular network activities, not only improve user participation but also improve the activity of the account. the wechat official account of "Zibo Vocational Institute Micro Campus" has launched a series of article, such as military training series, campus singer contest and free courtesy card for school celebration, which have been read more than 50, 000 times, attracting strong attention from teachers and students. During the period of epidemic prevention and control, we planned integrated media series works named "Warm Heart • Zibo Vocational Institute ", which has accumulated more than 900, 000 page views. It tells the first-line stories of the school's

teachers and students, guides young students to fight the epidemic together, and helps the campus to tide over the special period of epidemic prevention and control smoothly. At the same time, the wechat channel embedded in the official wechat realizes the all-media communication mode of video, audio, pictures and text, forming the purpose of complementary advantages of various media forms.

Maintain daily frequency to ensure zero delay of information transmission. the wechat official account of "Zibo Vocational Institute Micro Campus" keeps the frequency of daily update from Monday to Friday, and the staff is on standby at any time on Saturdays and Sundays to ensure the release of important authoritative news is transparent, accurate and without delay. During the epidemic prevention and control period, the official wechat staff will be online 24 hours a day to timely release the latest authoritative epidemic prevention information to teachers and students, open a column called "Epidemic Prevention Notice", and push the epidemic prevention knowledge every day. During the 20th National Congress of the Communist Party of China, the official wechat quickly followed up the current political hot topics, forwarded the latest and hottest news from authoritative media in time, and launched heated discussions between teachers and students, which greatly enhanced the enthusiasm of teachers and students to participate and realized the function of guiding public opinion positively through network means. At the same time, the official wechat is concerned about the issues that netizens are highly concerned about, such as the voluntary filling of the college entrance examination, professional introduction and so on. It uses closely follow the hot spots of the college entrance examination during the summer vacation, and launches a series of tweets "Next Station, Zibo Vocational Institute " to introduce the hot topics such as the school's enrollment policy, major setting and graduation trend openly, transparently, accurately and timely to the social netizens, which has received wide attention and praise from all walks of life.

4. IMPROVE SERVICE CAPACITY AND OPEN UP THE "KEY KILOMETER" OF INFORMATION EXCHANGE BETWEEN TEACHERS AND STUDENTS

Zibo Vocational Institute wechat public platform integrates more abundant campus information and functions to achieve integrated one-stop services such as information inquiry, appeal reflection, rights protection supervision and life services. With the purpose of being close to teachers and students, serving parents and communicating with all sectors of society, Zibo

Vocational Institute effectively provides convenience for teachers and students and parents. Take advantage of the information and platform advantages of the Internet, set a link in the wechat public platform, and access the "Sunshine Service station" in the enterprise wechat workbench. Teachers and students can carry out policy consultation, problem feedback and suggestions to all departments of the university involving classrooms, dormitories, libraries, baths, campus card application, tuition payment, etc., and complain about help concerning teachers and students' immediate interests and practical difficulties and behaviors infringing upon their legitimate rights and interests. Accurately feel the blocked, difficult and painful points in the study, work and life of teachers and students, coordinate and help solve the troubles, worries and worries of teachers and students. Set up "intelligent logistics" column on wechat public platform to leverage logistics management. Teachers and students can make online repair reports, supervision and complaints through "intelligent logistics", so that the service needs of teachers and students related to logistics can be timely met, and the service of staff can be evaluated and feedback, so that the supervision by public opinion is normalized and long-lasting. Through the wechat public platform, in the enrollment season, school season and other special periods, provide warm services, by the professional team in the wechat message area actively respond to the concerns of parents and students, so that everything is answered and everything is implemented.

Under the situation of new media, colleges and universities should follow the pace of the Times, make full use of the advantages of the wechat public platform, and closely combine the characteristics of contemporary college students, so that the wechat public platform can play a leading role in the youth group.

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A Study on Spreading Confucianism and Taoism in the College English Curriculum

Jing Zheng

Jingdezhen Ceramic University, Jingdezhen, Jiangxi, China

Abstract: The nature of the college English Curriculum combines both instrumental and humanistic purposes. Language learning, focused mainly on vocabulary, grammar and other language skills, is only one part in the college English classroom. More importance should be attached to the humanities, including literature, history and culture. In this context, Confucianism and Taoism, which constitutes an essential part of human civilization, should be incorporated into college English education, where students acquire both foreign language and traditional thoughts and culture.

Keywords: Confucianism; Taoism; College English Curriculum

1. INTRODUCTION

The “Teaching Guidelines for College English” (2020 edition) overall retains the framework of the “Guidelines” (2015 edition), mainly inheriting the following key parts: the nature of the college English course combines both utility and humanities; the teaching objectives of college English are divided into basic, intermediate and advanced levels; the course design of college English includes general English, English for special purposes, and intercultural communication courses (The Committee of Higher Education Foreign Language Teaching, 2020).

In terms of teaching content, the “Guidelines” (2020 edition) specifically states that the guiding principles of developing college English textbooks should reflect the accumulation and innovation of human civilization. the selection of teaching content should consciously integrate excellent traditional culture, guiding students to absorb the outstanding achievements of human civilization, providing strong support for cultivating talents with forward-thinking and international perspectives.

According to the Guidelines, the college English curriculum should be distinct from basic education curriculum. the goals of college English courses should not be limited to instrumental purposes: language learning is only one aspect, and the humanities are crucial, including literature, history and culture. Therefore, the college English curriculum should integrate foreign language learning and the excellent achievements of human civilization, cultivating students’ humanistic literacy, which can help promote the dissemination and communication of excellent traditional culture.

2. SPREADING CONFUCIANISM AND TAOISM IN THE COLLEGE ENGLISH CURRICULUM

The “Ceramic English” course is an English course for Special Purposes designed specifically for undergraduates majoring in arts and international students at Jingdezhen Ceramic University. Below is an excerpt of the teaching

content of the “Ceramic English” course, demonstrating how to integrate the instrumental and humanistic aspects of foreign language learning in practice.

“Major changes occurred during the Zhou dynasty which included the setting up of basic government and organized religion Confucius (about 550 B. C. - 480 B. C.) introduced a religion based on filial piety and reverence for tradition, and great emphasis was put on moderation and harmony. At much the same time Taoism, following the teachings of Lao Tzu that impersonal nature permeates everything, propounded a high and compassionate morality; later cults developed the mystical element of Taoism.” (Cooper, 1981)

2.1 Interpretation of the English Names of Confucius and Lao Tzu

This excerpt contains several proper nouns, including “Zhou dynasty”, “Confucius”, “Taoism” and “Lao Tzu”. Chinese civilization has a long history and the impact of Confucianism and Taoism on Chinese civilization is profound. Confucius, the founder of Confucianism, was born during the Spring and Autumn Period and was named Qiu and known as Zhongni. Western scholars refer to him as “Confucius”. Lao Tzu, the patriarch of Taoism, was born in the late Spring and Autumn Period. Westerners refer to him as “Lao Tzu”, while his name was Er and known as Dan.

The Zhou dynasty (1046 B. C. - 256 B. C.), which was divided into the Western Zhou dyansty (1046 B. C. - 771 B. C.) and the Eastern Zhou dynasty (770 B. C. - 256 B. C.), including the Spring and Autumn period (770 B. C. - 476 B. C.) and the Warring States period (475 B. C. - 221 B. C.). the dating of of “Zhou dynasty”, “Confucius”, “Taoism” and “Lao Tzu” is consistent with the first sentence of the text *“Major changes occurred during the Zhou dynasty which included... Confucius (about 550 B. C. - 480 B. C.)”*, and the opening part of the second sentence *“At much the same time Taoism, following the teachings of Lao Tzu..”*

By recalling the times of Confucius and Laozi, the students not only learn English words and sentences, but also review history and culture. Teachers should guide students to think: Confucius is considered one of the most important philosophers, politicians, and educators in ancient China. His ideas and cultural influence have surpassed China and influenced the entire East Asia. Why is Confucius’ name not transliterated as Kongzi or Kong Tzu like Lao Tzu in the text? Is the name Confucius related to the English word “confusion” in any way and does it mean “to dispel confusion for the people”?

Exploring such questions in the college English course will stimulate students’ curiosity and interest in learning.

It can help students remember related English expressions, read Chinese classical works and explain traditional Chinese thoughts in English. Through discussion, it is discovered that Confucius is the Latin name for Kongzi, commonly used in Europe and America. It originated from the Latin “Confucius”, which came from the traditional Chinese term “Kong Fuzi” and was transliterated into English.

2.2. Differences between Confucianism and Taoism

We often compare Confucius with the Western scholar Socrates, yet very few mention the story of Confucius and Lao Tzu. According to “Historical Records: Biographies of Laozi and Hanfeizi”, Confucius once visited Lao Tzu (Zhang, 2021). When Confucius’ disciples asked him about his opinion of Lao Tzu, Confucius responded, “I cannot fathom the mystery of the dragon that rises on the wind and clouds. Today, I have seen Laozi, who is like the dragon!” the teacher can ask students: What did Lao Tzu say to Confucius that earned such great admiration from Confucius? This question would guide students to think about the differences between Confucianism and Taoism. Meanwhile, the teacher could show the image of “Han stone carving of Confucius meeting Lao Tzu” and help students to visualize this conversation between Confucius and Lao Tzu (Qiu, 2021).

Lao Tzu said, “When a noble person seizes the opportunity, he drives forward; when he cannot seize the opportunity, he waits for it. I have heard: A good merchant hides himself as though he were nonexistent; a noble person of abundant virtue appears foolish in appearance and demeanor. Rid yourself of arrogance and excessive desires. None of these are beneficial to oneself.” (Zhang, 2021).

From this conversation, we can perceive the essential difference between Confucianism and Taoism. Laozi admonished Confucius that moral virtue does not need to be flaunted, that softness overcomes hardness and that fullness is followed by emptiness. the Tao is prevails everything without acting on purpose. This conversation further explains the text in the class, where Confucianism emphasized the cultivation and demonstration of virtues in the text “*Confucius.. based on filial piety and reverence for tradition, and great emphasis was put on moderation and harmony*”, while Tao embodies the natural way, without doing anything in particular in the text “*Lao Tzu that impersonal nature permeates everything, propounded a high and compassionate morality*”.

Overall, Confucianism is focused on building a social and political order, while Taoism is more focused on personal and spiritual development and connection with nature. Confucianism emphasizes social relationships and moral duties, focusing on the creation of a society characterized by hierarchy, order, and respect for authority. It teaches that every individual has specific social roles and responsibilities based on their relationships with others, and that one should strive to be a virtuous person by fulfilling these roles and obligations (Hui, 2019).

Taoism, on the other hand, emphasizes the importance of harmony between human and nature, and encourages individuals to follow the Tao, or the natural flow of the universe. It teaches that one should seek harmony with nature rather than trying to control or dominate it, and that simplicity, humility, and spontaneity are virtues to strive for (Hui, 2018). In terms of religious practices, Confucianism is not a religion but more of a moral and ethical system, while Taoism has religious elements, including the practice of rituals and the worship of Taoist deities which explains the text “*later cults developed the mystical element of Taoism*”.

3. CONCLUSION

One of the Four Books of Confucianism, “The Great Learning” states: the path to great learning lies in enhancing personal virtue, caring for the people, and ultimately achieving the utmost good.” Here, “The Great Learning” refers to a great wisdom, gradually evolving into a synonym for higher education institutions.

Therefore, in the lecture hall of English for university students, teaching vocabulary, grammar and other language skills should be placed in a secondary position. More importantly, it should focus on fostering humanistic qualities, integrating foreign language learning with Chinese and foreign literature, history, and culture. Excellent college English textbooks not only bear the responsibility of language learning and improvement but also attach importance to the cultural connotation and humanistic value in content (Wang, 2012).

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On the Cultivation of College Students' Professional Concept

Jibin Qu

Zibo Vocational College, Zibo, Shandong, China

Abstract: In recent years, the number of college graduates has increased year by year, and the employment situation has become increasingly severe, especially due to the impact of the COVID-19, which has created a gap in employment positions, making college students face the current situation of difficult employment. The employment problem has become a hot issue of general concern. To find new ways to solve the problem of college students' employment, and how to infiltrate the education of college students' professional concepts into college life, change their concepts, and enable them to base themselves on the current situation, Long term planning, with sufficient preparation to cope with the severe employment situation, has become a topic worth exploring.

Keywords: College students; Employment

1. INTRODUCTION

In recent years, the concept of "employment difficulties" among college students has become a common consensus in the whole society. Correspondingly, "employment difficulties" correspond to the "labor shortage" in enterprises. On the surface, this may seem difficult to understand, but in fact, both have objective reasons and there is an internal connection between the two. As the main executors of college student employment work, universities continue to search for the reasons for employment difficulties and explore solutions to problems. This article attempts to explore the negative effects of professional values on the two major issues of "employment difficulties" for college students and "labor shortage" for enterprises, starting from the employment concepts of college students, and to find new ways to solve the employment problems of college students.

2. INNOVATIVE IDEAS FOR CULTIVATING PROFESSIONAL CONCEPTS AMONG COLLEGE STUDENTS IN THE NEW SITUATION

After crossing the threshold of the college entrance examination and arriving at the gate of the university, what major to apply for has become a question worth pondering for prospective college students. Most prospective college students only make a preliminary understanding of their major when applying for it, without making a comprehensive judgment based on the current situation, employment trends, personal characteristics, interests, and hobbies of the industry. As a major determining factor for applying for a major, it is the initial understanding of the major and the rough judgment of employment prospects between parents and children. Therefore, in the formal study and life of entering university, many students experience adaptability barriers and are unable to keep up with the progress of their

professional studies. Most students fail to make career Career development according to their professional characteristics and future employment orientation, and learn according to the established plan to improve their personal skills and abilities. At the beginning of these problems, if not well guided and resolved, it directly affects the learning and job seeking of college students, becoming another difficult problem for them to find employment. Therefore, the education of college students' employment concepts guided by professional employment direction has become an important means to guide them to correctly position their future career direction and plan their professional learning.

3. ANALYSIS OF FACTORS INFLUENCING THE EMPLOYMENT FORMS OF COLLEGE STUDENTS

There are many factors that affect the employment situation of college students. There are factors such as adjustments in domestic economic speed and industrial structure, changes in population age structure and fertility policies, as well as changes in the international economic environment. In the new era, there is an urgent need for innovative ideas in employment guidance for domestic college students to adapt to the new social and economic development situation. To improve the effectiveness and quality of career guidance for college students in the new era, in addition to a profound understanding of the above issues, it is also necessary to deeply recognize the shortcomings of current career guidance concepts. Therefore, college career guidance personnel must reform and innovate their concepts, which is an important foundation for the reform of college career guidance work. To deeply understand the connotation of career guidance; Emphasizing the educational attribute of employment guidance; Emphasize the service-oriented nature of career guidance for college students; Reform the evaluation standards for career guidance for college students; Emphasize the construction of personalized guidance systems.

4. THE MAIN CHANNELS FOR IMPLEMENTING VOCATIONAL CONCEPT EDUCATION

4.1 By combining a detailed explanation of professional knowledge with an analysis of professional employment prospects and directions, we aim to help students set learning tasks and goals oriented towards employment, and more targeted learning of professional knowledge and improvement of personal abilities.

4.2 The opening of college students' career Career development course and career guidance course respectively provides career education and career concept education for junior and senior students. By means of

classroom teaching, students can be taught to set their own career goals and write Career development books on the basis of fully understanding what is career and what is career. the phased implementation results of the career Career development will be tested in stages. On the one hand, it enhances students' awareness of future careers, and on the other hand, it can also enable them to plan and purposefully learn and achieve career goals.

4.3 Ideological and political counselors, supplemented by daily ideological and political education, analyze the current employment situation and social status, guide students to fully understand the pressure and challenges they face, and establish a correct outlook on life and values based on the actual situation, change employment concepts, and choose suitable jobs based on their own situation, first finding employment and then choosing a career.

4.4 School enterprise cooperation opens up a new situation for the employment of college graduates. the social practice of integrating with enterprises can not only deepen students' understanding of their majors and industries, but also make up for the misjudgment of their core competitiveness in employment caused by their lack of knowledge about social competition, thereby further adjusting their career choices and direction training. As a school, in cooperation with enterprises, we can also adjust our professional settings and talent cultivation direction according to the talent needs of the industry, in order to achieve targeted training of social talents.

At present, the employment guidance work in universities is mainly completed by the staff of the employment department, counselors, and employment guidance teachers, with a relatively small number of participants and a low proportion of the total number of teaching staff. There is no work atmosphere of full mobilization and attention to employment in universities. From the perspective of guidance work content, the form of employment guidance is monotonous, mainly based on theory, lacking case teaching, lacking practicality, and relatively dull; the guidance methods are mainly classroom teaching and lectures, and the proportion of personal guidance is relatively low, which cannot meet the individual guidance needs of students when encountering difficulties; the teaching period is concentrated in the employment season, without foresight and continuity.

Overall, the current employment guidance for college students has a mediocre effect and cannot meet their needs,

resulting in low student satisfaction. While offering employment guidance courses, colleges and universities should dig deep into the theme, broaden the channels, and combine Core Socialist Values education to carry out employment guidance from multiple angles and in an all-round way. Guided by the Core Socialist Values and combined with the construction of campus culture, style of study and school spirit, carry out diverse and colorful campus activities, gradually carry out employment experience activities, and increase the interest of employment guidance; Take the practical activities of Core Socialist Values education as the carrier, such as youth volunteer activities, "three trips to the countryside" activities, summer social practice, etc., to increase the opportunities for students to contact the society, understand the society, and enhance the practicality of employment guidance; Move the work of employment guidance forward to the lower grades, intersperse the education of employment concept in the teaching of Core Socialist Values in the ideological and political course, and strengthen the foresight of employment guidance; Establish a tracking mechanism for college graduates' employment, strengthen communication with graduates and employers, extend service platforms, and increase the continuity and long-term effectiveness of employment guidance. At the same time, we should strengthen the style construction of college employment workers, help them realize the importance of their work, and exemplify the Core Socialist Values. Taking it as a benchmark, we should try our best to do a good job of employment guidance and employment services for students, provide help for students, and become an example and model for students to learn the spirit of dedication and dedication.

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Application Research of Online Examination System for Individual Enrollment in Higher Vocational Colleges

Dawei Ding

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Online examination is a new way of examination, which is an important channel to recruit students in higher vocational colleges. Compared with the actual status quo of traditional offline enrollment examination, which is cumbersome, time-consuming and inefficient, this information-based examination mode is more convenient and efficient. This paper analyzes the application requirements of the online examination system for individual enrollment, and discusses the key points and principles of the corresponding system development and design.

Keywords: Higher vocational colleges; Separate enrollment; Online examination system; Apply; Design

1. INTRODUCTION

Higher vocational colleges implement separate enrollment examinations, aiming to select students with high comprehensive literacy and more in line with the learning requirements of higher vocational education through diversified inspection methods, so that they can get better opportunities for learning and development. The traditional entrance examination has many practical drawbacks, such as moving the test center and occupying space resources; Printing test papers, waste paper resources; Arranging invigilation and consuming human resources; Examinees rushing to the exam, crowding out public resources, etc. In turn, it causes a large consumption of human, material and financial resources, and at the same time, in the later period, teachers have a large amount of manual marking, high difficulty in marking, and large risk of information error and leakage. These practical problems have prompted us to pay attention to them and actively utilize modern information technology to optimize and improve them. To construct a set of special and practical online examination system for enrollment has become a top priority for many higher vocational colleges.

2. DEMAND ANALYSIS OF THE ONLINE EXAMINATION SYSTEM FOR INDIVIDUAL ENROLLMENT IN HIGHER VOCATIONAL COLLEGES

2.1 System development level needs

According to the past experience of the single-enrollment examination in higher vocational colleges, the single-enrollment online examination system must be able to solve the following problems at the development level: First, the concurrency of the system, according to the actual work, the single-enrollment examination is often held for thousands of people at the same time, the number of candidates is large, the test time is relatively

concentrated, so it must meet the concurrent use of the system; the second is the operability of the system. In view of the lack of computer literacy of some candidates, the unfamiliar system interface is prone to operation errors, so the system design should be humanized and intuitive as far as possible to facilitate the operation of candidates; the third is the reliability of the system, usually the operation of the single-enrollment online exam system mainly relies on the enrollment school server, its storage capacity, data transmission speed is often limited, so it is necessary to improve the stability and reliability of the exam system to ensure the normal operation of the online exam.

2.2 The overall requirements of the system

The single-enrollment online examination system in higher vocational colleges needs to realize comprehensive management of online examination and its related plans, processes, results, question banks and examination papers, especially the preparation of pre-examination questions and examination papers, which is the key prerequisite for the implementation of online examination. In addition, in addition to the above essential functions, the system should also have certain business capabilities, such as providing online enrollment publicity, enrollment registration, enrollment interview, enrollment question and answer, exam simulation and other Windows, so that candidates can better understand the situation of higher vocational colleges and cope with the examination process.

2.3 Requirements at the system application level

2.3.1 Data management function

The data management function mainly includes two parts: system management and examinee information management, so as to facilitate the system administrator to maintain the normal operation of the online examination system and control the examinee access to the system. System management includes login permission management, operation role management, etc. Candidates' information management includes candidates' personal file information, examination related information import and export.

2.3.2 Function of question bank management

The function of question bank management should be regarded as the core of the single entrance online examination system. To ensure the effective operation of the system, optimizing the question bank is very important. In view of the fact that the questions of the single entrance examination are absolutely confidential, the system must fully consider its security and security, and cannot be leaked to the outside world.

2.3.3 Test paper management function

The paper management function of the single-enrollment online examination system is mainly to set up the paper group rules, and then realize the random distribution of the paper, so as to ensure the fairness and rationality of the single-enrollment online examination. The paper is generated by the system and then extracted by the examinee to obtain the test content, so as to maximize the management effectiveness of the paper.

2.3.4 Exam preparation management function

The test preparation management function is to fully deploy and arrange the online examination room, exam times, exam segments and invigilator teachers before the single enrollment online examination.

2.3.5 Test process management function

The test process management function is the processing of all related services in the single-enrollment online test link, which is mainly a control of the test link, such as activating candidates, monitoring candidates' answering speed, finding candidates' answering anomalies, and doing a good job of invigilation management and related data backup

2.3.6 Test result management function

The management of test results mainly includes the management of examinees' scores and the management of examinees' examination papers. The management of scores is mainly responsible for the import and export of examinees' scores, the generation of score query logs, and the output of score rankings. The paper search management is responsible for providing candidates with access to results and papers, so as to fully ensure that candidates should know the rights.

3. KEY POINTS AND PRINCIPLES OF RESEARCH AND DESIGN OF ONLINE EXAMINATION SYSTEM FOR INDIVIDUAL ENROLLMENT IN HIGHER VOCATIONAL COLLEGES

3.1 Design points

3.1.1 Architecture design of the system

In order to ensure the safety of the online examination system, it is suggested that the system can be operated on the local area network of colleges and universities, and the key service objects of the system should be set to test staff, examinees, invigilators and other relevant personnel according to the overall functional trend of the system. When users access the system, the exam system is very important for the access security of Web pages, we must do a good job of system security access control permissions, clearly configure access roles, and set different access permissions according to the needs of different roles, so that the system can flexibly manage users. In the candidate operation interface should also do a good job of security measures, through face recognition, lock screen binding and other technologies for candidates may exist in the remote multi-point login or test on behalf of the behavior of strict monitoring, by recording the candidate's computer IP address, answer speed and status, to prevent the emergence of the above problems; There are also server configuration and security management, setting firewalls, checking system vulnerabilities, etc., and limiting computer IP addresses to prevent people unrelated to the exam from entering the LAN.

3.1.2 Security design of the system

The most critical issue in the design of the single-enrollment online examination system in higher vocational colleges is always security and stability, and it is necessary to fully ensure the system to achieve access security, operation security, data storage security, server security and network security. When users access the system, the exam system is very important for the access security of Web pages, we must do a good job of system security access control permissions, clearly configure access roles, and set different access permissions according to the needs of different roles, so that the system can flexibly manage users. By recording the candidate's computer IP address, answering speed and state, etc., to prevent the occurrence of the above problems; There are also server configuration and security management, setting firewalls, checking system vulnerabilities, etc., and limiting computer IP addresses to prevent people unrelated to the exam from entering the LAN.

3.2 Design principles

When constructing the single-enrollment online examination system, higher vocational colleges should also have the cutting-edge design concept, and should be able to optimize and change the system at any time according to the actual situation, reflecting the absolute advantage of information. Therefore, the development and application of the examination system also need to pay attention to the following principles: First, the malleability principle, users can add and delete the system functions according to their own needs, so that it can better meet the needs of users; the second is the principle of advanced, the system needs to be configured with the most advanced software and equipment to improve the management and application level of the system itself; the third is the principle of stationarity, the system operation will not interfere with the normal operation of other systems, and ensure that the system can be normally put into use while updating; the fourth is the practical principle, which can be fully combined with the enrollment needs of higher vocational colleges, the system is cost-effective, and can reasonably save resources.

4. CONCLUDING

Vocational education is an important part of the general higher education in our country, and the scale of education is still expanding gradually, and the scale of the single enrollment exam will also expand. Only by doing a good job of the single enrollment online exam system and realizing the comprehensive information construction of the single-enrollment exam can the quality of the students be better guaranteed. The construction of the online examination system for individual enrollment in higher vocational colleges has realized the comprehensive management of the whole process of enrollment examination, making the original complicated and arduous single-enrollment examination simplified, convenient and efficient.

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Literary Criticism: Towards a New Critical Practice

Chen Guo

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: Literary and artistic activities occupy an important position in the process of social construction and operation, which is related to people's living standards; In the process of literary and art production, literary and art criticism is one of the important practical activities, which mainly takes literary and art as the object of criticism. In practical activities, literary and art criticism is mainly to expand the space of literary and art interpretation through dialogue with literary and art theory and literary and art criticism. Relevant personnel need to activate the right of literary and art interpretation of Chinese literary and art theory, literature and art itself and literature reading and other forms of literary and art acceptance, so as to help China's contemporary literary and art science and literature break through the restrictions and constraints of traditional work. It provides a new academic growth point for the research and development of modern literature and art innovation, and promotes the sustainable and stable development of literature and art field.

Keywords: literary criticism; Critical practice

I. PRODUCTION OF LITERARY CRITICISM

Under normal circumstances, the so-called literature and art, in essence, regards literature and art as a superstructure covering social ideology, so as to determine the relationship between the superstructure and the economic base. At the same time, it can also be analyzed and studied from the perspective of dialectical relationship between material and spiritual production. Although literature and art are products of spiritual production, they are not only affected and restricted by material production, but also have the same laws as material production. In the production process of literary and art criticism, the same as daily production activities, there are production, circulation, distribution and consumption, etc. As an important part of the production of literary and art criticism, literary and art criticism can effectively enrich and improve the production mechanism of literary and art criticism [1].

In the production process of literary and artistic criticism, critics mainly take emotional literary and artistic works as aesthetic objects to carry out corresponding literary and artistic reproduction activities. By initiating production activities of literary and artistic criticism, the reform and innovation of literary and artistic criticism media are driven. As time goes by, literary and artistic criticism media develop into electronic media along with oral language and paper media. This process also represents the continuous progress of modern science and technology and civilization.

After literary and artistic criticism activities were carried out, the communication consequences mainly showed the audience's reaction to literary and artistic criticism. In the process of media reform, innovation and development, what everyone called the "should" of literary and artistic critics at the beginning turned into the "reality" of classical literary and artistic criticism, literary theory and literary history. To a certain extent, literary criticism, literature history and literature theory can be regarded as classic literary criticism with profound ideological light, and the reflective criticism practice involved in literary and art criticism has new value increment. Therefore, the relevant departments can conduct in-depth analysis and research on it, formulate a perfect production mechanism of literary and art criticism, and ensure the stable progress of the later work.

2. MOVE TOWARDS DIALOGUE

In daily work, literary and art criticism mostly takes literary history, literary and art theory and literary and art criticism as the object of criticism and reflection work, which mainly uses a way of looking back to produce some new meanings. At the same time, in the process of literary and artistic criticism, reflexive criticism is mainly formed with the help of literary and artistic criticism, literary history and literary theory and other forms of literary acceptance, and the original ecological scenes of various literary history, literary theory and literary criticism are restored phenomenologically, so as to release suppressed micro literary criticism, history and theory of micro literature in traditional work and form channels of dialogue and communication. the sufficient and effective dialogue between the large narrative and the micro narrative which is convenient for literary acceptance provides convenience and guarantee for the new literary interpretation form.

When rewriting the history of literature and literary criticism, the staff will use new forms of literary interpretation. With the innovative development of literary and artistic criticism, the dialogue space created by it can be used to activate the interpretation power of literary and artistic criticism, so as to form more new forms of literary and artistic interpretation [2].

In addition, the process of literary and art criticism can also promote dialogue and communication among critics of literary and art, so as to facilitate them to accumulate the reading experience of the original text, and each critic can make use of the unified discourse space provided by literary and art criticism, so as to establish an academic community. Scholars in various fields can participate in this academic community. Learn more knowledge and ability of literature and art; At the same time, it can also

discuss and analyze the essence of literature according to ideology, and explain the essence of literature and ideological content in detail.

3. TO REFLECT AND CRITICIZE LITERATURE AND ART

The object of reflection criticism of literature and art is mainly literature and art, which mainly takes literature as the main research object. Because of the Chinese language habit, the original name of literature is changed to literature and art. In practical work, it mainly criticizes Chinese literary theory. Due to the influence of Chinese traditional ideology and culture, literary interpretation takes the form of literary criticism instead of theory. At the same time, the form of literary criticism mainly takes the form of humanization or life.

At the same time, literary and art criticism is also reflective criticism of literature and art. With the increase of reform and opening up, the continuous development of market economy has driven the development of ideology to be disabused, and literature, as one of the ideologies, has developed from the social and cultural center in the past to the marginalized direction. In this process, the field of consumer culture and cultural research has been effectively developed. In the process of cultural studies, the traditional empirical literature and high art turned to the world culture of daily life.

The rapid display of criticism construction in literature and art provides great convenience for the reflection of literary crisis. Relevant departments can reflect deeply on the legitimacy of literature and art itself, and at the same time, they can restore literature itself and literary crisis in a phenomenological way. In the process of the rise and development of cultural studies, the relevant personnel need to deeply reflect on the essence of literature, that is, to reflect on the modern society and culture; On the other hand, literary and art scholars need to think about literary reading, return to the literary text itself, make use of a large number of literary reading experience, rather than only through literary theory and literary history criticism for personal reading, so as to dispel the oppression caused by the external progressive concept of time, enhance the sense of spiritual pleasure through a large number of reading, and cultivate its aesthetic dimension. Carrying forward the spirit of "slower than", presenting a sense of

leisure and calm of "picking chrysanthemuses under the east hedge, leisurely seeing the south Mountain", making breakthroughs in the difficult problems of daily work and life, and providing full promotion for the overall healthy development of society [3].

4. CONCLUSION

To sum up, literary and artistic criticism is essentially a critical practice that reflects on literary history, literary theory and literary and artistic criticism. It is an important part of literary production and literary and artistic criticism. At the same time, through open dialogue, it guarantees the consciousness of literary and artistic interpretation and phenomenologically restores the original ecological scene of literary acceptance. It will also provide a channel for dialogue between major interpretative discourse of literature and art, micro-interpretative discourse of literature and art, and critics of literature and art, and then deeply reflect on the acceptance forms of literature and art, literature reading, literature and art theory, etc., to ensure that the right of literary interpretation is activated to the maximum extent, new critical practice is formed, and new academic growth points of language and literature are achieved. To break through the dilemma of the development of traditional literature and art, so as to promote the further development of the field of modern literature and art in China.

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The Application of Experiential Teaching in Mental Health Education of College Students

Jing Guo

Taishan University, Taian, Shandong, China

Abstract: College students are the pillars of national construction and development, is the country's future family and helmsman, so college students should have good cultural literacy and moral literacy, but also have a healthy psychological and mental state. At present, under the impact of the social flood, many college students have serious mental health problems, and even some college students have been in the "cliff", a little careless will fall into the abyss, in the face of this situation, college education should pay attention to carry out mental health education, so as to carry out psychological professional knowledge and specific educational guidance means, Help contemporary college students to form a healthy, positive, positive mental state. In this paper, the application of psychological experiential teaching in college students' mental health education is analyzed and researched in detail, with a view to sharing and communicating with educators.

Keywords: Psychological experiential teaching; Higher education; Mental health education; Applied research

1. INTRODUCTION

As one of the basic courses of university, mental health education is related to the development level of college students' mental health, which is of great significance for college students to integrate into society and give play to their own value in the future. With the change of the social development form, higher requirements and standards are put forward for college students. Especially in the aspects of perfect personality and mental health, college students must have self-esteem, self-confidence, positive, rational peace and other essential characters. Based on this, in order to continuously improve the comprehensive quality and effectiveness of college students' mental health education, this course vigorously carries out psychological experiential teaching strategy, mainly catering to the actual situation of modern college students, creating empathetic learning conditions for them, so that they can obtain more profound and real mental health education. This paper firstly summarizes the relevant contents of psychological experiential teaching, then analyzes the advantages and functions of applied psychological experiential teaching, and finally expounds the effective strategies of applied psychological experiential teaching.

2. OVERVIEW OF PSYCHOLOGICAL EXPERIENTIAL TEACHING

The so-called psychological experiential teaching is a teaching method based on personal experience. It is a teaching process in which teachers create a real experience environment according to the actual situation of students

based on the teaching content, objectives and other conditions of the course [1]. Under normal circumstances, the application of psychological experiential teaching method mainly takes the actual experience in students' life as the carrier, with the help of reasonable and scientific guidance means to enable students to personally perceive and acquire knowledge, so this kind of teaching method has good experience, authenticity, vividness, flexibility and other characteristics. the application of psychological experiential teaching in the mental health education of college students described in this paper is mainly to create authentic and experiential teaching scenes for college students to create a mental health education environment based on personal perception, with the purpose of optimizing the curriculum teaching system, strengthening the quality of curriculum teaching, and promoting the development of mental health of college students.

3. THE PROMOTION OF PSYCHOLOGICAL EXPERIENTIAL TEACHING TO COLLEGE STUDENTS' MENTAL HEALTH EDUCATION

3.1 Psychological experience expansion teaching courses
Mental health education is one of the basic courses in universities, which usually exists in the form of a combination of public basic compulsory courses and public basic elective courses. At present, under the guidance of relevant documents of the education department, the total setting of this course has reached 32-64 class hours, basically covering the mental health education of college students [2]. However, as the class period is set for 4 years, in this case, the number of courses allocated in each semester is small, so it is difficult to complete the course teaching results through teaching. Based on this, in order to ensure the effectiveness of college students' mental health education, the course should increase and expand the capacity of the course under the condition of the same number of class hours, that is, to supplement the content of mental health education, so that college students as much as possible to obtain the knowledge of the course.

Psychological experiential teaching is a teaching method based on one's own experience and personal experience. Its application in college students' mental health education can expand teaching courses by changing teaching forms, which is conducive to making up for the deficiency of curriculum setting capacity. Taking the class hours of emotional disorders in mental health education as an example, teachers adopt a single theoretical infuse teaching style, which usually takes 4 class hours to teach emotional disorders and adjustment methods, and students find it difficult to understand the course content, which will further compress the teaching capacity of the course.

On the contrary, when psychological experiential teaching is carried out, teachers lead students to personally feel the changes of emotions. For example, teachers create real and vivid scenes for students, ask students to feel different emotional characteristics in the scenes, and try to analyze the influence of different emotions. By applying experiential teaching instead of theoretical indoctrination teaching, teachers can integrate more knowledge into fixed class hours, and thus achieve the purpose of expanding the mental health education curriculum.

3.2 Psychological experience to meet students' needs

College students are in a tense, heavy learning environment for a long time, easy to have a psychological rejection and aversion to learning, this situation will have a negative impact on the quality of teaching and learning results, so it is of great significance and value to adopt a teaching method that meets the needs of college students.

As far as mental health education is concerned, the application of psychological experiential teaching can create completely different feelings and conditions for college students from the previous teaching, which is conducive to stimulate the initiative and enthusiasm of college students in course learning to a certain extent. Therefore, psychological experiential teaching is very in line with the learning needs of college students.

3.3 Psychological experience improves teaching quality

Teaching method is one of the main elements of teaching activities, but also one of the key conditions affecting the quality of teaching. the application of psychological experiential teaching method in mental health education can play a teaching effect of twice the result with half the effort. For example, in the class time teaching of emotional disorders, teachers only explain the types and harm degree of emotional disorders from the perspective of theory, which is difficult for students to form an intuitive understanding of knowledge. In contrast, the application of psychological experiential teaching method can create immersive learning conditions for students, and students can truly perceive the changing process of emotions, influencing factors, harm degree and other knowledge points. No teaching method is more effective than personal experience, so psychological experience teaching is conducive to improving the quality of mental health education.

4. THE APPLICATION OF PSYCHOLOGICAL EXPERIENTIAL TEACHING STRATEGIES

4.1 Specific teaching time

The application of psychological experiential teaching method in mental health education should effectively control the time node of actual teaching. the main reason is that in many cases, the perception generated by students' actual experience is just in a moment. If teachers are not prepared to guide education in advance, they will lose the best deepening, perception and guidance conditions,

which will lead to the failure of psychological experiential teaching or the decline of effectiveness. Based on this, when carrying out college students' mental health education courses, teachers must make all preparations for the implementation of psychological experiential teaching from the three dimensions of pre-class, in-class and after-class so as to avoid missing any teaching opportunity. For example, in the course of teaching, teachers need to deepen the feeling of students' actual experience by rendering atmosphere, enriching scenes and other means, so that students can truly integrate into the experiential scene, which will be conducive to the realization of the goal of mental health education.

4.2 Professional teacher quality

Teachers are the subjects of designing, organizing and carrying out teaching activities, and they are also the key factors affecting the quality of the whole teaching activities. In order to ensure the success and effectiveness of experiential teaching of applied psychology, we must pay attention to improving the professional quality and ability of teachers. For example, on the premise of possessing professional curriculum knowledge, teachers should have a good teaching level and be able to adopt the most suitable teaching methods based on the "student-centered" teaching content. Here, it mainly means that teachers can create relevant experiential scenes for students, rather than simply explaining theoretical knowledge or their own subjective understanding to students.

5. CONCLUSION

To sum up, the application of psychological experiential teaching in the mental health education of college students is conducive to enriching the content of course teaching, improving the quality of course teaching, and playing a vital significance and role in promoting the mental health development of college students. Therefore, colleges and universities should constantly increase the application of psychological experiential teaching, and constantly innovate the process of psychological experiential teaching. It aims to create an efficient and scientific learning environment for college students.

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Research On Group Psychological Counseling Methods in Vocational College Students' Mental Health Education

Qian Li

Zibo Vocational Institute, Zibo, Shandong, China

Abstract: In recent years, with the improvement of the social attention to higher vocational colleges, the development pressure of students in higher vocational colleges has increased significantly, and mental health education for students in higher vocational colleges has become the general trend. Group psychological counseling has obvious advantages such as diversity and infectivity, which can create a suitable situation to reduce the development burden of higher vocational colleges and improve the quality of mental health education. Therefore, relevant personnel should pay more attention to team psychological counseling. This paper briefly introduces the advantages of group psychological guidance method in mental health education in higher vocational colleges, and probes into the application of group psychological guidance method, hoping to provide reference for the smooth development of mental health education for higher vocational students.

Keywords: Higher vocational college students; Mental health education; Group counseling

1. INTRODUCTION

With the enhancement of the economic level and the development of society in our country, all walks of life have higher requirements for compound talents. Therefore, higher vocational colleges should update the training objectives of talents with the Times, and focus on enhancing the professional quality of talents, promoting the professional level of talents, and enhancing the ability of students to cope with setbacks. However, from the actual analysis, it is found that the current vocational colleges will focus on crisis management and counseling when carrying out mental health education, but ignore the group psychological counseling, resulting in a large gap between the effect of mental health education and the expectation. It is necessary for relevant personnel to clarify the method of group psychological counseling, and properly apply this way to improve the level of mental health education.

2. ADVANTAGES OF GROUP COUNSELING METHOD IN MENTAL HEALTH EDUCATION OF SENIOR STUDENTS

The advantages of group counseling method in the mental health education of higher vocational students are more prominent, which can improve the level of mental health education and lay a good foundation for the development of students. Therefore, relevant personnel should vigorously explore the advantages of group counseling method and summarize them as the following points:

2.1 It can adapt to the physical and mental development needs of higher vocational students

In recent years, with the expansion of higher vocational institutions, students are likely to have psychological problems due to the heavy burden of physical and mental development and high pressure of study. Although the forms of group counseling and individual counseling are not the same, from the overall perspective, both can provide services for college students to ensure their psychological health and show the advantages of communication in appropriate situations to improve the psychological problems that exist among college students [1]. In addition, the use of group counseling methods can also provide students with opportunities for communication, making students more cohesive with each other and ensuring that the psychological state of the student body is in a healthy state.

2.2 It can improve the effect of mental health education

Group counseling not only has the characteristics of efficient work and good counseling effect, but also can provide services for several students in a short period of time and focus on treating students with the same or similar psychological problems, thus helping students to form a correct understanding of themselves and obtain a more realistic emotional expression. In addition, students in higher education institutions are at a critical stage of physical and mental development, and group counseling conducted by counselors and psychology teachers can break the original dull teaching atmosphere and provide communication opportunities for students to ensure that they can gain happiness and security through discussion.

2.3 Strengthen the connection between psychological education and ideological and political education

In the new era, the analysis of the mental health education carried out in higher vocational institutions shows that due to the reluctance of students to study ideology and politics and the lack of attention of the leadership to this work, there is a big gap between the effect of ideological and political education and the expectation, and the students' political and psychological cultivation is not improved. the application of group counseling can not only solve the problems, but also strengthen the connection between mental health education and ideological and political education through flipped classroom and behavioral training, and understand students' views and opinions from the perspective of higher education students, so as to properly deal with mental health problems. Therefore, the application of team psychological counseling approach

can update the counseling methods and also provide new ideas for realistic work [2].

3. THE PROBLEMS OF GROUP PSYCHOLOGICAL COUNSELING METHOD IN THE APPLICATION PROCESS

In the new era, the application of team counseling method in the mental health education of students in higher education institutions is still inadequate, and the common problems can be summarized as the following: First, higher education institutions have less funds available to carry out team mental health education, and do not have perfect infrastructure as a guarantee, and may even carry out team counseling in ordinary classrooms, which leads to unsatisfactory results of team counseling. Secondly, there is no practical way of operation. Since the characteristics of students in higher education institutions are different, in order to put team counseling into practice, it is necessary to carry out psychological burden in a targeted way with the support of scientific theoretical knowledge. However, the low professionalism of teachers and the lack of reliable operation methods lead to the reluctance of students with mental health problems to participate in team counseling, which will aggravate students' psychological problems in the long run.

4. APPLICATION OF GROUP COUNSELING METHOD IN MENTAL HEALTH EDUCATION OF HIGHER VOCATIONAL STUDENTS

4.1 Summary of teaching resources

At present, the community attaches significantly more importance to mental health education in higher education institutions, and higher education institutions need to reasonably allocate funds to support the smooth implementation of group psychological counseling when they carry out talent training work. For example, special team psychological counseling places as well as tools should be set up to provide suitable teaching scenes for student psychological counseling. In addition, in order to improve the current situation that some higher education institutions have less funds available, it is necessary to summarize the existing teaching resources and reasonably carry out secondary allocation, so as to create a perfect psychological counseling teaching system and provide reference for the smooth implementation of subsequent work.

4.2 Build a strong overall team of teachers and integrate Civics into it

The small number of teachers available in higher vocational institutions for team psychological counseling is the main reason why team psychological counseling cannot be put into practice. To improve this situation, higher education institutions need to use reliable measures to enhance teachers' professionalism and provide learning opportunities for counselors to ensure that they can be proficient in applying various technologies to change the current situation of high difficulty in counseling. Not only that, it is also necessary to show the value of ideological education and strengthen the connection between ideological and mental health education with the help of designing lesson plans and holding class meetings [3].

4.3 Showing the role of counselors and student union cadres

Counselors and student union cadres are key components of the management mechanism of higher education institutions and are able to implement relevant policies that are crucial for team psychological counseling. the level of work and mental health of counselors and student union cadres can determine the quality of mental health education to a certain extent. Therefore, it is important to develop appropriate training measures to ensure that counselors and student council officers have a good understanding of group counseling components and techniques and take the initiative to innovate. At the same time, teachers need to share their views and opinions when participating in group activities to reduce their workload and provide new ideas for mental health education for higher education students.

5. CONCLUSION

As a reliable working tool, group counseling has high requirements for professionalism, which requires higher education institutions to apply group counseling in a targeted way considering their own characteristics and students' development needs, and to provide opportunities for cooperation among higher education institutions to ensure that all resources can be fully applied to put mental health education in higher education institutions into practice.

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