

Vocational Core Competence in Higher Vocational Education

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Abstract: *From the perspective of talent training objectives, material engineering technology major cultivates highly skilled talents with comprehensive production process knowledge and management knowledge of material engineering technology and strong practical ability, who are oriented to the first line needs of production, construction, management and service. Refractory industry at present, the whole foundation is relatively weak, refractory resource utilization level is low, the quality of the refractory grade is not high, excess production capacity, the ordinary products some high quality high technology content of key products can production, but the quality is not stable, service life and refractory consumption compared with foreign advanced level, there is a considerable gap. the fundamental reason is the lack of high-level talents. To better meet the iron and steel, machinery, chemical industry, power and other industries to the needs of the refractory material, must be to the professional production and technical management personnel's quality and ability are put forward new requirement, not only can be competent the job requirements of the current position, and should have the ability of learning new technology, to adapt to the new job, it is particularly important in today's high-tech.*

Keywords: the Core Competence Of Vocational Education; The Ability To Integrate School And Enterprise Innovation.

1. INTRODUCTION

Abstract: "Vocational education is employment education", the training of vocational education core ability throughout the whole process of vocational education, improve the adaptability of professional and post, to meet the needs of "order education", can promote the common development of schools, students and enterprises. the development of higher vocational students' core competence, with students as the medium, has closely connected the school and the enterprise, and promoted the development of the school and the enterprise, and through the integration of the enterprise, made the student enter and adapt to the society, thus promoted the final development of the society. Outside the regular inspection of food in the canteen, also should check all the staff in the canteen, let the medical staff was regularly, at the same time should also view the employees' health, prevent infectious diseases exist in the canteen staff, avoid the health state of health personnel not affect students' physical health. Colleges and universities in the canteen inspection, if found two safety unqualified situation, colleges and universities should be terminated with the canteen, food unqualified canteen can not be applied in colleges and universities.

2. APPLICATION OF THREE-LAYER TECHNOLOGY IN COMPUTER SOFTWARE DEVELOPMENT

The three-layer technology mainly covers three parts: business processing layer, data processing layer and user interface layer. Compared with the two-layer technology, the three-layer technology can provide richer and more detailed functions, further improve the performance, expand the capacity that can be loaded, and significantly improve the processing efficiency of user information and data [2]. the three-tier technology application and computer software development business processing layer can perform initial analysis by creating a single task and output related requests in combination with the user's personalized needs. the client interface layer is mainly the user access layer, which has the function of collecting and processing massive information. Meanwhile, it can send information and transfer data to the data layer to lay the foundation for subsequent storage and analysis. According to the tasks covered by the data processing layer, it needs to process, filter and query relevant mechanical energy, and at the same time feed back the calculation results and interact with each other.

2.1 The significance of the development of professional core competence

In terms of professional construction, the purpose of education and teaching can be further clarified through the development of vocational students' core abilities, and the guiding ideology of "vocational education is employment education" can be implemented, and the cultivation of core abilities can run through the whole process of higher vocational education. Thus, the adaptability of specialty and position can be improved to meet

the demand of "order education".

For professional teachers, the cultivation of higher vocational students' core abilities can stimulate the improvement of the quality of higher vocational teachers. Higher vocational teachers are the bridge for students to contact the positions of enterprises. They should not only have the basic quality of teachers, but also the symbol of enterprise spirit to some extent.

For students, the mastery of core competence can help them adapt to the job requirements as soon as possible and regain new vocational skills and knowledge in the professional environment. It can help students adjust themselves and develop themselves under working conditions, and judge the mastery of knowledge and skills through working practice and on-site evaluation. At the same time, it is a sustainable development ability, through lifelong education and practical experience accumulation, can make the core ability to reach a high level, to adapt to the requirements of higher vocational and post.

2.2 The establishment and implementation of the core competency standard system

For enterprises, the establishment and implementation of the core competency standard system can help enterprises effectively evaluate whether employees meet the needs of the post (rather than only knowledge and skills), and provide a basis for employee recruitment and promotion. Because of the universality of core competence, enterprises can reduce the risk of talent shortage caused by industrial adjustment or technological upgrading, and improve the adaptability of enterprises in the market economy.

Taken together, the core competence of the vocational students' development, can make the school, students and the common development of the enterprise, take the student as the medium, the close link between school and enterprise, and promote the development of schools and enterprises, and through the integration of the enterprise, make the student entered and adapt to the society, thus promoting the development of the society eventually.

In the process of higher vocational education, to the division of knowledge, ability and quality is relative, the students only to correctly understanding and absorption of knowledge, to form the quality, and to understand and absorb the knowledge is only through using, to form the capacity, quality and ability of interaction, make both each other, forming a progressive type circular upward trend. the formation of this trend must go through three stages of learning, practice (work) and innovation, combined with the actual investigation and analysis of material engineering and technology major, the learning ability, practice (work) ability and innovation ability are determined as the core ability of higher vocational students.

3. LEARNING ABILITY

Combined with the actual situation, the overall quality level of the canteen staff in colleges and universities is poor, and there are certain differences in the quality of the staff, resulting in a large food safety risk in the canteen of colleges and universities. Based on this, colleges and universities should pay attention to the improvement of the comprehensive quality of canteen staff. They not only need to pay attention to the personality health problems of staff, but also should standardize the operation of staff, so as to avoid staff's bad habits affecting food safety and reduce the probability of food safety risks in the canteen of colleges and universities. Aiming at these phenomena in colleges and universities should strengthen the management of the canteen, in improving comprehensive quality of staff canteen at the same time also to the environment of canteen and food safety, to provide good repast environment for college students, at the same time also can make sure that the students can eat to health food, avoid college canteen food safety accidents, ensure the physical health of university teachers and students.

3.1 In the field of material engineering technology

The work object faced by enterprise employees is not the simple and mechanical operation on the assembly line, but the comprehensive behavior to realize the product function finally. In the process of higher vocational education, it can not be achieved through a certain discipline or a certain skill, especially for higher vocational students who have just entered the professional environment, they will often encounter some new problems, which requires employees to have a certain ability of self-study. Including new knowledge, new skills and experience learning and understanding.

3.2 Practical (working) ability

In the teaching process, practical teaching is the basic link of skill formation. However, in practical activities, the real completion of a task is not dependent on a single skill to achieve. This kind of practice requires similar or exactly the same as the actual work task, it needs to analyze and judge on the basis of theoretical knowledge, and then use some specific methods or means to complete. This paper analyzes and explains the specific steps of the practical activity of "Inspection and selection of appearance and Size of refractory Finished products" in material engineering and technology major:

Look at drawings and measure objects (application of basic professional courses)

Inspection of appearance quality (skill application) The inspection that melt hole and judge?

Defect examination and determination? Inspection and determination of cracks?

Analyze the causes of waste products (the combination of theory and experience, at this time the experience mainly comes from the learning process)

Determine the correction plan (decision)

Fill in the record checklist (comprehensive application of skills)

The completion of the task, good expression of (work) is the practice ability, the ability is through theory and skills of the integrated use of, and be capable of forming self analysis and judgment, the final performance for the completion of the task, are dominant, but the ability of forming process, is a kind of internalization, a kind of precipitation, is implicit, also is the core of practice ability.

Top 8 Keywords with the Strongest Citation Bursts



Figure 1: Burst Terms

From 2013 to 2019, the keyword “Howard Goldblatt” has become a research hotspot with a strength value of 6.52, second only to foreign propaganda texts in terms of influence. Ge Haowen is an American sinologist whose major translations include *Fatigue of Life and Death*, *The Red Sorghum Family*, and *The Bounty of the Breasts*. In order to investigate the factors that influence the translator’s subjectivity in the English translation of Chinese contemporary literature, Hu Weihua and Guo Jirong take ecological translation as the research perspective, and interpret the embodiment of Ge Haowen’s subjectivity from two aspects: the selection of text before translation and the selection of translation strategies and methods during translation. The study finds that Ge Haowen’s English translation shows both his subjectivity based on his own aesthetic tendencies and translation ideas, and his passivity in front of the cultural system of the translated language, which is the comprehensive manifestation of his adaptation to the translation ecological environment[24]. In his study of the English translation of Mo Yan’s novel *The Red Sorghum Family*, Zhang Yue explores the Ge Haowen’s subjectivity in three areas: text selection, text interpretation and the translation process. The author argues that, in the context of the strategy of “cultural strengthening”, the harmonious play of the translator’s subjectivity will bring very useful insights for the overseas dissemination of Chinese culture[25].

4. INNOVATION ABILITY

The source of food materials is very important. When different canteens purchase materials, the source of food materials is different, which leads to the failure of colleges and universities to ensure the quality and safety of the food purchased by canteens. This phenomenon leads to the food safety risk in canteens, and the physical health of students cannot be guaranteed [2]. In view of this phenomenon, the personnel in colleges and universities can find the food supply place together with the canteen staff. After ensuring the food quality and safety standards of the food supply place, the canteen can purchase the food uniformly, so as to ensure the food safety in the canteen of colleges and universities and improve the health of students. Purchasing of food in the canteen after you come back, but also can examine the ingredients, to prevent the phenomenon of canteen is shoddy, the university's emphasis on food safety can improve the quality of the canteen food, reduce food safety accidents, if a food safety accident, will lead to the negative impact in the society, will seriously affect to the steady development of colleges and universities. As shown above, the research literature on translator subjectivity began to emerge between 1997 and 2003. Subsequently, research findings have been enriched, with the number of publications in the decade from 2008 to 2017 being above 100, with an average number of 137.7 publications/year. Since 2018, the annual number of literature has slightly decreased, but after reading and analyzing the literature, it is found that this phenomenon does not mean that the study of translator subjectivity is gradually being left out by scholars, but that it has shown a trend of combining with emerging translation theories and interdisciplinary theories, and scholars have interpreted translator subjectivity from a richer and more diverse perspective, which is more conducive to the sustainable development of the study of translator subjectivity.

4.1 In the face of the rapid development of domestic

High temperature industrial technology of refractory industry and international trade opportunities and challenges, our country's refractories industry must be guided by the market at home and abroad, on the varieties, quality and quantity to meet the needs of the development of high temperature industrial, aim at the world refractory frontier science and technology, accelerate improve the technological innovation ability of industry, Strive to build refractory production technology and variety series with our country characteristics. Therefore, the material engineering specialty must attach great importance to the cultivation of innovation ability and integrate the innovation idea into the whole process of higher vocational education. Combined with the mutation keywords, it can be predicted that future research on famous contemporary literature and its translations, foreign translations of traditional Chinese culture and the enhancement of our discourse will be more adequate. If you follow the "checklist" your paper will conform to the requirements of the publisher and facilitate a problem-free publication process. The influential mutation keywords include foreign propaganda translation, Goldblatt and subjectivity. The study of translator subjectivity in foreign propaganda texts produced a large number of research results from 2015 to 2020, which indicates that scholars gradually pay attention to the study of Chinese cultural outreach and the construction of China's image as China's influence expands and its international status improves. Liu Jinling and Li Nan argue that the translator's subjectivity is mainly reflected in the process of selecting foreign propaganda materials, interpreting the original language materials and converting them into the target language, which is constrained by the political context and ideology, etc[22]. Yu Li uses the evaluation theory of systemic functional linguistics as an analytical framework to reveal the ways of constructing the subjectivity of translators in different translation directions in the translation of government documents, and finds that the different translation directions in the translation of political documents lead to different ways of reflecting the subjectivity of translators [23].

4.2 Third, review

"Employment-oriented" vocational education curriculum system, its professional setting is oriented by social needs, training objectives are based on vocational ability, curriculum design is centered on vocational activities, and curriculum compilation is based on basic breadth. the implementation of "employment-oriented" vocational education curriculum is based on the dual cooperation between enterprise practice and school teaching, with students as the main body of teaching activities and vocational standards as the basis of examination and assessment. Its course plan must be clear talent specification, employment direction and so on. Entering the information age, the computer penetrates into every aspect of People's Daily life and work, becoming an indispensable and important part. In the process of rapid economic and social development, the demand for computer software in various fields is increasing day by day. Computer software development has become the focus of the computer industry. As a kind of computer technology, layered technology gradually replaces the previous single-layer technology, significantly improves the overall efficiency and level of computer software

development, and has been widely used in computer software development.

4.3 The learning ability, practice (work) ability

Innovation ability as the core ability of higher vocational students, is in the teaching and research section after a lot of on-site investigation, on the basis of analysis and summary, and the human resources department of relevant enterprises jointly discuss, finally determined. The training goal of higher vocational education is to cultivate senior "realizable talents" for the society, in order to improve students' ability to adapt to the post, accelerate the embodiment of the value of talents, excavate the development potential of enterprises, and further develop the mode of running higher vocational education. In the process of higher vocational education, it is necessary to strengthen the cultivation of the core ability of higher vocational students, and to define the core ability of higher vocational students is the basic link to achieve this goal. This paper combines the research methods of critical discourse analysis and corpus study, selects China Daily's news reports about Beijing 2022, and analyses the discourse strategies of China's national image construction. Through the construction and analysis of the corpus, this paper contends that there is a certain relationship between the types of relevant reports and the attitudes of their representations. In the specific analysis, three main discourse strategies are revealed: constructing a national image through a paradigmatic discourse through the identity of Chinese athletes, constructing a national image through globalisation discourse by the representation of international visitors, and realising a national image through reporting on high technology associated with objectivity.

5. CONCLUSION

To sum up, the management of colleges and universities should strengthen the management of food safety in college canteens, reduce the incidence of food safety risks as much as possible, improve food safety, and ensure the health of teachers and students in colleges and universities. Dining halls in colleges and universities, there exist some management problems in need to strengthen the management of colleges and universities in the subsequent attaches great importance to food safety management in the canteen, in improving the determination of the freshness of food in the canteen, at the same time also for dining room staff's health seriously, to the staff code of conduct, as far as possible to avoid the canteen food safety risk, Therefore, colleges and universities should pay more attention to the prevention and control of food safety risks in canteens. To sum up, for the development of Guangxi animation, it is necessary to highlight national characteristics and make use of its own advantages to increase the design of regional elements. At the same time, to ensure the worldwide and pluralism of animation, truly play the influence of Guangxi animation, Guangxi regional culture to promote and spread.

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