

Research on the Innovation of Applied Talents Training Mode under the Background of Industry Education Integration

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Abstract: Application oriented talents are the inevitable support of social development. In order to meet the production and development needs of enterprises, this paper takes the integration of production and education as the research background, and takes the cultivation of application-oriented talents as the direction of education to carry out innovative research on the talent cultivation mode of colleges and universities. In the research, the paper puts forward the measures of constructing the "1234" applied talents training system, clarifies the concept of talents training, creates the conditions of talents training, standardizes the level of ability training, and designs the types of teaching guidance courses, so as to solve the problem of dislocation between industry and educational institutions in higher vocational education. At the same time, we should innovate the behavior mechanism of talent training, refer to the way of enterprise management staff, manage students' learning behavior, or adopt the way of real-time monitoring students' learning behavior to locate and track students' learning trends, so as to create higher value for the implementation of higher education and truly regulate students' learning ability.

Keywords: Integration of production and education; talent training mode; innovation; application-oriented

1. Introduction

In the 13th guiding meeting of the general office of education of the provincial Party committee of our country, we formulated and released the document "behavior standards for promoting the teaching reform of Higher Vocational and technical education institutions" to the market. The document not only clarifies that talents belong to the first productivity supporting the development of society, but also clearly puts forward that we should strengthen the rectification of teaching work. According to the development trend of China's social frontier, talents can be divided into application-oriented talents and professional and technical talents. At present, the type of talents urgently needed in the society is the former. This type of talents can not be replaced by other types of talents in the society. Therefore, it is particularly critical to increase the work of the former talents' achievement export [1]. In this context of social development, the integration of industry and education mode has been proposed, which is a measure to promote the reform of China's education market. The implementation of this teaching behavior is not only provided for colleges and universities, but also provided for the development of social economy and industry. In order to further grasp the impact of the integration of industry and education on the implementation of university teaching, this paper will carry out in-depth innovative research on its traditional teaching mode based on the background of the integration of industry and education, with the cultivation of applied talents as the core of the education work. And hope that through this study, for the export of university teaching results, for the development of China's education, for the introduction of the latest teaching concept, put forward guiding opinions, so as to ensure that the education model proposed in this paper has high value and wide promotion significance in the market.

2. Construction of "1234" applied talents training system

In the process of personnel training based on the integration of industry and education, we should consider that the education process should be suitable for the market development. At present, the enrollment expansion of most colleges and universities presents a trend of popular education, and this

kind of teaching method has been difficult to meet the teaching needs of China's current social development [2]. Based on this kind of education background, "1234" talent training system is put forward to solve the problem of dislocation between industry and educational institutions in China's higher vocational education. Based on the current situation of teaching reform and the integration of production and education in Colleges and universities, the "1234" applied talents training system is divided in detail. As shown in Table 1 below.

Table 1 "1234" applied talents training system structure

Serial number	System composition	Representative significance
(1)	“1”	A talent cultivation concept matching with industrial development
(2)	“2”	Two training conditions of Applied Talents
(3)	“3”	Three levels of talent ability training
(4)	“4”	Four types of teaching guidance courses

According to the contents in Table 1 above, the structure of talent training system proposed in this chapter is refined. For the composition of "1" in the teaching system, we should follow the concept of education first, according to the standard market education demand, integrate the industrial development culture and the culture proposed by China's education industry, and inculcate the teaching concept of talents. This process is based on the establishment of correct learning consciousness, employment consciousness and innovation consciousness of talents, and the proposed educational guidance behavior should also be summarized.

As for the composition of "2" in the teaching system, it should be made clear that under the background of industry education integration, the training of applied talents can not be completed by oral expression, but by cooperative units and educational institutions. Therefore, colleges and universities should attach importance to both sides, provide students with learning environment and practical conditions, and constantly improve students' participation in learning. The requirement of scientific research conditions in laboratory.

For the "3" composition in the teaching system, we should carry out the teaching work for students based on the procedural level, that is, to replace the traditional teaching process in which the textbook content runs through the students' learning process. The teaching content should be presented to students in a new way according to the process of "information learning stage procedural learning stage autonomous learning stage". In this process, the requirements for students' learning ability should follow the gradual or have a certain level of characteristics. That is, in the initial teaching, students are required to master professional knowledge and complete the systematic tasks assigned by teachers; in the middle learning process, students are required to have the ability to actively participate in learning and express the knowledge of classroom learning in an external way; in the later learning process, students are required to have significant independent ability in participating in learning, and this kind of ability can be improved. Strength is not only reflected in the process of students' learning, but also reflected in students' participation in the experimental projects set by teachers.

The composition of "4" in the teaching system should be analyzed based on the needs of enterprises. And in the relevant research, it puts forward the corresponding "4" courses, which are: pre job training courses, professional practice courses, cross professional practice courses, social service courses [4]. According to the students in different stages of learning, the layout of teaching tasks for students, and based on the resources provided by enterprises for university talent training mode, make students in a relatively real social practice atmosphere, so as to solve the problem of disconnection and contradiction between social development and teaching practice.

3. Innovative personnel training behavior mechanism based on the integration of industry and education

On the basis of completing the construction of the teaching system, colleges and universities should put forward a behavior standard mechanism for students based on the integration mode of production and teaching, and on this basis, standardize a variety of learning behaviors of students. For example, refer to the way of enterprise management staff to manage students' learning behavior, or use the way of real-time monitoring students' learning behavior to locate and track students' learning trends, so as to

create higher value for the implementation of higher education.

At the same time, with the help of enterprise business office software, its content is replaced, its function is improved and perfected, so that the business software is transformed into office software, and students are required to participate in the learning process, taking this as the standard, to carry out ERP management for students. In addition, this kind of virtual office software can also be used to train students' practical ability, that is, to retain the part of enterprise production project in commercial office software to guide students' production project teaching. The implementation of this kind of behavior can be regarded as the construction of University simulation teaching platform [5]. Through this teaching method, students can not only master the real process of enterprise production and office in the simulation operation, but also realize the "transfer" of enterprise production line or production scene to the campus, and truly regulate students' learning ability. To sum up, the integration of production and education is only the direction of guidance for college teaching in the process of education. Therefore, we should follow the implementation status of relevant education guidance work, and explore the learning mechanism suitable for students' learning from multiple dimensions.

4. Conclusion

This paper puts forward two kinds of teaching reform measures: Constructing "1234" applied talents training system and innovating talents training behavior mechanism, which guide the talents training work in Higher Vocational Colleges and solve the illegal behavior in traditional education behavior. On this basis, a university as the research object, the application of innovative measures proposed in this paper, the practice of personnel training research. According to the practical results, the personnel training mode formulated in this paper can solve the problems existing in the traditional education work, enrich the theoretical teaching, standardize the practical teaching, and truly solve the potential problems of education production in social development. In short, the educational guidance behavior proposed in this paper has a significant effect in the practical teaching application, and can meet the promotion requirements of the education market.

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A Study on the Reform of Project Teaching in Higher Vocational Colleges Based on the Deep Integration of Industry and Education in Jiangsu Province

References

- [1] WEN Caiyun, TAI Yunpeng, ZHOU Xiaojun, et al. *Exploration and practice of the integration of CT imaging courses in medical imaging technology specialty based on the training goal of Applied Talents [J]. Journal of Wenzhou Medical University, 2021,51(01):84-87.*
- [2] ZAO Zhiqiang, WANG Pengfei, ZHANG Xin. *Exploration and practice of "applied, localized and open" international business talent training system[J]. Modern trade industry,2021,42(06):31-32.*
- [3] LI Wenfu, ZHAO Weiyan, LI Qingqing, et al. *The application and effect of research learning in the cultivation of innovative talents of Applied Psychology[J]. Research and practice of medical education, 2021, 29(01):10-13.*
- [4] LI Li. *One belt, one road, the application mode of training applied talents in Local Applied Undergraduate Colleges [J]. Journal of Jiamusi Vocational College,2021,37(02):117-118.*
- [5] ZHANG Xiaoyan, ZHANG Chunsheng, WANG Haiyan. *Teaching reform of basic accounting integrated with "Ideological and political course" under the training goal of Applied Talents[J]. Heilongjiang Education (theory and practice), 2021(02):29-30.*