

Integration of Ideological and political elements into mechanical professional training Teaching practice and exploration

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Abstract: the integration of Ideological and political elements into professional training is not only an important requirement of the fundamental task of “cultivating morality” in today’s education, but also an important measure to realize that “all courses have the function of educating people”. Based on the full analysis of the importance of campus machinery professional training, this paper interprets the necessity of Integrating Ideological and political elements into professional training. Based on the author’s teaching and training practice, this paper puts forward suggestions on the entry point, training objectives and teaching methods of Ideological and political elements, and provides reference ideas for the integration of Ideological and political elements into professional training, so as to provide experience and basis for promoting professional training in Colleges and universities.

Key words: curriculum ideological and political education; Professional training; Ideological and political elements; Teaching practice

At the National Conference on Ideological and political work in Colleges and universities, it was pointed out that “the foundation of colleges and universities lies in moral education”. In recent years, colleges and universities have also started the research and practice of Integrating Ideological and political elements into professional courses. For example, guanyueqi and others have formed a synergy between professional teaching and ideological and political education. Zhang Yi and others excavated diversified ideological and political teaching methods through mechanical courses. Fangziqiang and others have cultivated students’ academic accomplishment in the graduation design, so that students can think and apply what they have learned. Houning et al. Took the ideological and political teaching practice of metal cutting technology course as an example, explored the relationship between mechanical professional courses and ideological and political education, and excavated its teaching rules. Wangfengyun et al. Put forward the ecological mode of innovation and entrepreneurship education for machinery majors, which adheres to the principle of “morality cultivation and three complete education”. In addition, Yu Yonghong, Jin Ziqi, Zhang Ming, Wan Xianglong and others also carried out research on Ideological and political teaching of professional courses. However, in addition to the normal course teaching, there are many important professional training in Colleges and universities. Through these professional trainings, college students can make scientific and reasonable plans for their own development. In recent years, research on university training has begun to receive attention, such as Li Tenglong’s research on the training guidance of colleges and universities for college students’ participation in innovation and entrepreneurship competitions under the background of “Internet +”. Maojunjie conducted research on agricultural machinery technology training for college students. Jiang Dan proposed targeted strategies to improve the standardization level of College Students’ innovation and entrepreneurship ability. Zhaolong et al. Analyzed the new requirements for the innovation ability of college students majoring in mechanical engineering under the new environment in China. Zhousizhu and others put forward the “Three Orientations”, “Four Combinations” and “three-stage ladder” innovative skills training and teaching system with school running characteristics. The system has achieved two achievements in the past few years. Although there have been many researches on college training, they all focus on the research of teaching strategies. In view of this, we take the mechanical professional training as an example to explore and practice the ideological and political teaching in the professional training, and put forward the key ideological and political elements and entry points, ideological and political teaching methods in the training, in order to provide reference for such training.

1 The importance of professional training in Colleges and Universities

Professional training plays an important role in the expansion of College Students’ knowledge. At the same time, it is also very helpful for college students’ certificate examination, employment and workplace skills improvement. Taking the professional training of machinery as an example, the professional training of machinery is the training for the students of machinery to consolidate and expand their professional knowledge. At present, there are many teaching contents in Colleges and universities, and the limitations of classroom teaching time lead to teachers’ inability to fully present some professional knowledge in the classroom. As a result, some students need more learning ways to meet their learning needs, so as to enrich themselves or improve their personal ability. In view of this, mechanical professional training provides a good learning channel for students who want to expand their professional knowledge and strengthen their practical operation ability. In the training, some experienced teachers will carry out professional training for students. Due to the small-scale training, the number of trainees is less than that in the classroom, so teachers can take care of almost every student. At the same time, the mechanical professional training pays more attention to cultivating the application ability of College Students’ mechanical professional knowledge, so it will provide students with some opportunities to participate in competitions or practical exercises, so that students can learn more knowledge and experience in competitions or practical exercises, so as to exercise students’ practical ability and use the knowledge in books reasonably. Such training not only meets the students’ desire to further learn mechanical knowledge, but also cultivates a group of excellent students who master and apply mechanical knowledge, laying the foundation for students to adapt to the workplace faster.

2 necessity of Integrating Ideological and political elements into professional training

Mechanical professional training is an important way to spread ideological and political education. It can not only integrate ideological and political elements into students' theoretical learning, but also imperceptibly integrate ideological and political teaching into students' practice based on training characteristics and professional characteristics. The purpose of education is not only to impart knowledge, but also to improve moral cultivation and shape excellent personality. The combination of mechanical professional training and ideological and political elements can change students' thinking and ideas, enhance the timeliness of College Students' Ideological and political education, and comprehensively improve students' Ideological and political and professional quality. To realize the great rejuvenation of the Chinese dream, our party must cultivate generation after generation of useful talents who support the leadership of the Communist Party of China and China's socialist system and are determined to fight for the cause of socialism with Chinese characteristics for life. Therefore, it is an important historical responsibility of education to guide students' correct ideological value.

3 Key ideological and political elements and entry points in training

College students majoring in machinery should not only maintain a rigorous attitude towards mechanical engineering, but also have the professional core quality of craftsmanship spirit. In the training, we can use the positive energy of the network, news reports, model heroes and other related cases as the starting point for teaching. In addition, practice and mechanical principles can also be used as a starting point for teaching. For example, strict working attitude is required in machine manufacturing, design or operation. A small mistake can make the machine unable to operate normally and may even pay a heavy price. Using practical examples in life to cultivate students to always maintain a rigorous attitude towards machinery, a strong sense of responsibility for work, carefully implement everything, find their own value in the training, form good professional quality, and promote students' efforts to develop in a better direction. In addition, a large number of patriotism feelings and advanced thoughts emerging from all walks of life can be used as the entry point of patriotic education. Strengthen the guidance of students' patriotic feelings, and let students deeply realize that only when they are full of patriotic feelings and make their own contributions to the construction of the great motherland, can they realize their life value. As contemporary college students, they should strive to improve their comprehensive quality and return to the motherland when they succeed in their studies.

4. Ideological and political teaching methods in professional training

4.1 carry out ideological and political teaching guided by industry development and patriotism

In the training, ideological and political elements are introduced from the perspective of students' future development requirements, so that the students participating in the training can understand the achievements of China in relevant fields, and see the problems in each field while generating a sense of national pride. As they are about to enter related fields, they need not only specific theoretical knowledge and practical ability, but also internal quality. Taking the machinery industry as an example, China has made continuous innovation and progress in machinery manufacturing technology in recent years, and has made gratifying achievements, but there are also obvious deficiencies compared with other countries, such as chip technology. Under such a background, every mechanical major student should have the feelings of dedication and service to the motherland, so as to inject his youth energy into the realization of the great rejuvenation of the Chinese dream. Although the machines produced are not good or bad, the producers and production technology have different nationalities. The advent of a new technology or even a core technology represents the progress of a country in a certain field, and the progress of a country means the improvement of its comprehensive strength. As a Chinese machine maker, the machines we produce can benefit the whole world, but our core technology only belongs to our country, which requires us to take the great cause of the nation as our own responsibility, care about the feelings of our family and country, strive to be a big country, constantly study hard, do our best to make up for the loopholes in the development, and create new brilliance for China's machinery industry, Enhance the core competitiveness of China in the world machinery industry.

4.2 carry out ideological and political teaching driven by the demand of production posts

In the process of training, students can visit and practice the relevant positions, so that students can understand the requirements for staff in the actual production, which is not only conducive to the training of students' professional knowledge, but also conducive to the development of Ideological and political education. For example, let the students visit the mechanical processing plant, let the students see the serious and rigorous working attitude of the mechanical engineer and the meticulous craftsman spirit, and stimulate the students' desire to see the good and think of the good. Or let students practice in the factory and personally participate in the processing and design of machines. Because many machines have high requirements for accuracy, a small error can affect their normal operation, even damage the equipment and cause safety accidents. Using the teaching method of students' personal experience and feelings, students can deeply understand the importance of rigorous working attitude and craftsman spirit. In addition, ideological and political teaching can also be carried out in combination with professional characteristics. For example, let students carefully observe the operation of the machine and analyze its high-precision and fast cooperation process, so that students can deeply understand that small mistakes will lead to the paralysis of the whole system, so as to cultivate students' sense of responsibility and responsibility.

4.3 carry out ideological and political teaching based on the principle of social needs

In the training, it is very necessary to strengthen students' awareness of social service. There are many examples in life that can be used as teaching materials. For example, hearing aids can serve people with hearing problems, and prosthetics can serve people with disabilities. Without these inventions, many people's lives may be inconvenient and even life and property may be lost. Therefore, taking social needs

as the central principle to enhance students' attention to social recognition can effectively improve students' professional identity and professional pride, and realize ideological and political teaching.

4.4 carry out ideological and political teaching with teachers' words and deeds as an example

"Teaching by example" is one of the most effective ways of education. Because in Colleges and universities, students spend the longest time with teachers, and teachers' words and deeds can most affect students. Therefore, teachers need to have strict requirements. On the one hand, teachers should set an example, pay attention to their words and deeds, and strictly abide by the professional norms of teachers. On the other hand, teachers should have a correct political position, establish a good world outlook, outlook on life and values, and pay attention to their own moral cultivation. In the process of training, teachers inspire students with noble personality through words and deeds, win students with profound learning, infect students with decent behavior, and become a credible and respected teacher of students, so as to better implement the fundamental task of cultivating morality and talents.

4.5 carry out ideological and political teaching with teaching reform as the core

The traditional training mode has many disadvantages. In order to better integrate the ideological and political elements into the training, it is necessary to optimize and reform the transmission training mode. For example, flipped classroom, OBE mode, SPOC mode, etc. are used for training. In addition, teachers can enrich the training content and form, so that learning knowledge will no longer become boring, and fully mobilize the enthusiasm of students' learning. During the training, discussion teaching can be used, and teachers can timely guide and help students complete tasks, so as to cultivate students' collective sense of honor, teamwork spirit, patriotism and professionalism, integrate correct values and spiritual pursuit into the training, and realize the organic combination of morality cultivation and training.

5 Conclusion

Colleges and universities not only have the task of imparting professional knowledge, but also bear the important responsibility of training excellent professionals. The introduction of Ideological and political elements in professional training and their wide spread are important supplements to ideological and political teaching in Colleges and universities, and play a vital role in promoting the comprehensive cultivation of talents and the positive development of society. We should integrate ideological and political elements into all aspects of training, create a good educational and professional environment, improve college students' moral quality and professional integrity, and help cultivate qualified socialist builders and successors.

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A brief talk on the research of Health Service and management personnel training under the vision of integration of industry and education

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Abstract: with the increasing trend of social aging, residents' health awareness has also changed, health has been paid more attention, and the demand for professional talents is increasing. Under the background of the development of the medical and health industry, the talent training mode has been adjusted and changed, which requires the infiltration of relevant content of career development during the course teaching, and the analysis of the development trend of the times, so as to cultivate compound and innovative health management talents in the new era. Based on this, this paper analyzes and studies the cultivation of health service and management talents from the perspective of the integration of industry and education, first explains the background of the integration of industry and education and the construction of health service and management specialty, then analyzes the principles of the cultivation of health service and management talents, and on this basis puts forward the strategies for the cultivation of health service and management talents from the perspective of the integration of industry and education, For reference.

Key words: integration of production and education; Health service and management; Personnel training; Healthy China

Preface

Health service and management industry has become the pillar industry of the tertiary industry of the national economy. In recent years, the state has put forward the principle of full participation and adherence to social health service and management for the first time, aiming at reforming the education mode of health service management. In this regard, colleges and universities should pay attention to the training of health service and management talents, build a school enterprise integration mechanism, and guide students to actively participate in practical activities, so as to promote the development of students' practical ability.

1 Interpretation of the background of the integration of industry and education

The connotation of the integration of industry and education is: in the education stage, combine professional teaching with industry, give full play to the advantages of both, so as to achieve collaborative development, deepen the application of school enterprise cooperation mechanism, provide practical education platform, and cultivate more high-quality talents for the development of industry. The integration of industry and education is an upgraded version of school enterprise cooperation, which helps to highlight the value of school enterprise cooperation. Under the background of the gradual increase of talent requirements in the industry and market, relying on the integration of industry and education policy helps to create a complete whole, integrate all elements into the education system, so as to cultivate students' innovative quality, and better build schoolsWin win mode between students and enterprises.

2 Interpretation of discipline construction background of health service and management specialty

With the upgrading and transformation of China's social development, the service industry has become an important industry to promote the national economic development at this stage. Health service and management major, as an undergraduate major established

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