

How to Form Industrial Docking in Vocational Colleges -- Taking the 2023 Graduates of Heike Dahuatai College as an Example

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Abstract: The ultimate goal of vocational colleges is to train skilled talents for enterprises and society. So vocational colleges should pay more attention to the effective industrial docking of schools while training people, and should keep pace with The Times to master the industrial development dynamics. Based on the employment and actual work situation of 2023 graduates, this paper analyzes the positioning of teachers and students and the roles and functions of teachers and students in education and employment respectively from the aspect of industrial docking through questionnaire survey and other methods. And the accumulated experience will be fed back to the construction of the school platform.

Keywords: Personnel training; Skilled personnel; School-enterprise alliance; Job requirements; Accomplishment

1. Based on textbook content, consolidate basic knowledge

1.1 Basic knowledge

The study of theoretical knowledge is the foundation of all actions. Students do a good job in school course learning is the only process to work. Both work and life are a process of continuous learning, continuous growth and progress. The mastery of basic knowledge can make professional knowledge in work easier to be understood and accepted, and is more conducive to the rapid growth and improvement of students in work.

The study of basic knowledge in college should be based on textbooks, but not completely dependent on them. The fixed nature, limitation and lag of knowledge in books determine that the scope and depth of knowledge cannot change with The Times. This puts forward deeper requirements for university teachers. University teaching is not only a summary of books, but also a series and expansion of knowledge based on books. Truly transform the university classroom into a trinity education guided by the talent training program, assisted by textbooks and centered on teachers. This also puts forward higher requirements for the knowledge accumulation and updating of university teachers.

1.2 General knowledge skills

In addition to theoretical knowledge, graduates should also have general skills related to employment, mainly including the following three aspects.

(1) In the study of salary composition, the elements of salary composition should be explained in the basic courses. Including should pay salary, actual salary, post salary, social security welfare, accumulation fund, enterprise annuity, individual income tax, etc.

(2) In the study of team operation, some majors, especially chemical industry majors, need to adapt to the work arrangement of enterprises, and they need to arrange the knowledge of team operation learning in the basic courses. So that the graduates can really understand the continuous operation mode of the shift system of chemical enterprises. Such as four three, four two, three three, three two. At the same time, you should learn how to calculate the actual monthly working hours according to the shift system.

(3) Master basic office skills, adapt to the needs of the new era, graduates to employment in addition to the necessary professional knowledge and skills, but also must master the basic office skills. The learning of basic common office skills should be implemented in the basic courses. Taking Chemical Materials College as an example, graduates should master basic office skills such as routine form making and common document writing.

2. Use practical training devices to strengthen practical operation skills

2.1 Highlight the advantages

As the first batch of vocational colleges in China, Hainan Vocational University of Science and Technology should highlight its own advantages and characteristics in its education and teaching methods, distinguish it from comprehensive colleges, and find its own advantages in

vocational colleges. Lead a group of vocational education university innovation track to achieve bright features and special achievements.

2.2 Practical skills

The biggest feature of vocational education that is different from comprehensive education is practical operation skills. While firmly mastering the basic theoretical knowledge, we should continue to strengthen the training of practical operation skills. The learning of practical operation skills is a gradual process, and it is necessary to explore the practical training device in daily learning, and finally be able to skillfully operate the device and master practical operation skills.

Taking the College of Chemical Materials as an example, the practical training equipment of the College of chemical materials can be divided into three categories:

The first type, micro refining device. Including atmospheric and vacuum device, distillation device, absorption and analysis device and other representative micro devices of refining and chemical enterprises. While paying attention to the study of theoretical knowledge in the course of teaching, the School of Chemical Materials also pays attention to the practical application of micro-refining and chemical devices. The theory in the textbook is presented in reality, on the one hand, it can help students learn and understand new knowledge faster, and on the other hand, it can understand and understand various representative devices and equipment in oil refining and chemical enterprises in advance.

The second category, simulation simulation device. Including catalytic cracking, atmospheric and vacuum and other Eastern simulation devices. Simulation type simulation device, the maximum restoration of the chemical enterprise production situation, on the one hand to reproduce the chemical enterprise field operation process and valve control point, on the other hand to join the DCS control screen integrated computer control screen. The external operation post and the main operation post are combined to intuitively show the chemical process control point, and can actually control the device to start, stop, emergency disposal and other situations. The study of simulation devices can enable graduates to contact the control concept of the device in advance, master the stable and balanced control elements of the process device, master the key parameters of the process such as temperature, liquid level, flow rate, and so on, and enable students to develop the habit of adjusting the control device of ideas.

Category III, HSE safety and environmental protection devices. Safety education is the pre-course of learning in the production of refining and chemical enterprises. The College of Chemical Materials materializes the original written safety and environmental protection education, and carries out safety education with the help of various devices, instruments, equipment and facilities. On the one hand to explain the importance of chemical production safety and safety accident prevention and control measures to graduates; On the other hand, combined with the characteristics of the accident-prone parts of the device, explain the safety first aid knowledge of the corresponding parts. Through substantive learning, strengthen the safety and environmental protection knowledge reserve of graduates, and overcome the fear and resistance of chemical industry work.

3. Closely follow the post class competition certificate to improve ability and literacy

3.1 Ability and accomplishment

Having certain ability quality is the basic requirement of graduates, and constantly improving their own ability quality is also a challenge and basic requirement for college teachers. The implementation of the personnel training program is a necessary condition to improve the ability and accomplishment of graduates. For the implementer of the personnel training program, college teachers will also have higher requirements in terms of ability and accomplishment. While improving the ability of the educated through the requirements of the human training program, it also requires that the implementors of education should constantly strengthen their learning and improve their own ability and accomplishment simultaneously.

3.2 Post class competition certificate

The integrated four links of post course competition certificate can well fit the characteristics of vocational education, so that the ability training can better adapt to the job position, and has a specific purpose and direction. The functions of each link are as follows:

Post, post, is composed of a number of work, and a work process is composed of a number of skills, knowledge, literacy, in the current education system curriculum logic, to complete a job obviously need to cross several courses.

There are many kinds of courses, such as general courses, cultural courses, professional courses, core courses and so on. At present, with the rapid development of information technology and the acceleration of job changes, the course based on improving ability is the final requirement of the course.

Contest, contest, is a skill contest of all kinds. It mainly includes the national vocational college skills competition and other forms of school competition, provincial competition or national competition. A competition is a competition for a class of knowledge or a particular skill.

Certificate, certificate, mainly refers to 1+X vocational skills certificate. It is the recognition or assessment of various level evaluation classes or professional qualifications.

The post class competition certificate is the integration of the whole system. Among them, job adaptability is the goal, course is the means of completion, competition is the inspection and promotion of the curriculum system, and certificate is the result of vocational skills. To really complete the mutual promotion of the four in one is another way to do a good job in vocational education.

However, these four in one, we should beware of changing the taste of forced mutual integration, the original intention of complementing each other into an unrestrained increase in teaching AIDS, blindly pursuing certificates and other flashy plays.

4. Take root in school construction and understand industry trends

Grasp the trend of the industry and create a more socially adaptable profession. Strong majors lead the construction and development of colleges and universities. This requires educators, as performers of education need to complete their own teaching work at the same time, deeply rooted in enterprises in various forms such as temporary, part-time and so on to the development and construction of the professional industry. Learn new knowledge in the social development, combine their own theoretical knowledge advantages, better integrate old theories with the development concept of new industries, and pass on to more students through the three-foot platform.

Of course, the implementation of all ideas and the completion of purposes cannot be separated from the platform of the school. Therefore, educators should take root in school construction while strengthening their own ability. Increasingly powerful individuals can promote the construction of the school to be more perfect, and the pace of development is more vigorous. The continuous improvement of a powerful platform will also bring a broader world and more opportunities for workers on this platform. Achieving the ego and accomplishing the ego are a process of complementing each other and achieving each other, which is the basis for the development of vocational education and the completion of goals in all schools

5. Integrate ideological and political elements to create professional elites

The creation of professional elites can be divided into two parts. Part of it is the cultivation of high quality graduates, and becoming a high quality graduate is a necessary condition for becoming a professional elite. The other part is the training of high-quality educators, creating professional elites among our school educators, who can play a leading role in the team.

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