

Analysis on the Training of Students' Practical Ability in Computer Teaching

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Abstract: Big data, artificial intelligence (ai) are playing an increasingly important role in today's era of science and technology, information technology changes with each passing day, in order to effectively develop students' manipulative ability of computer practice, to improve teaching effectiveness, through further analysis, combining with the teaching practice, actively studied how to improve computer teaching classroom teaching quality, cultivate students practical ability, make students better adapt to the social and economic development needs. It is hoped that further research can provide effective teaching reference for relevant teachers.

Introduction

With the development of informatization and modernization, the traditional computer teaching system cannot meet the needs of modern development. In the traditional computer teaching system, students' practical ability is relatively weak. With the rapid development of modern science and technology, the talent market is demanding more and more professional talents in the computer industry. Only in this way, can we ensure that students stand out from the competition in the computer industry, not be eliminated by the society, can set foot on the society in the future, find a suitable job, contribute to the country.

Increase the proportion of computer practice courses

The training of the application ability of information technology is the main goal of the teaching of computer teachers in colleges and universities. There are some mistakes in the application of computer technology among students. Therefore, computer teachers need to change the traditional teaching concept, increase the proportion of practical courses in the process of computer teaching, fully stimulate students' interest in computer learning, and then effectively guide them to take the initiative to conduct research learning, improve the level of computer practice. For example, when teaching the graphic design software Photoshop, teachers should try to reduce the teaching of key combination and adopt a new way of introduction, only in this way can students really improve their interest in computer learning. For example, computer teachers can prepare the internal structure drawings of watches and motorcycles before class. The file form is Psion addition to prepare a high definition of the night view of the city, the file format is JPG. After the pictures are ready, let's have a group discussion, discuss which pictures have the most striking effect, and guess how the pictures are made. Group discussion is completed, the computer teacher must detail the structure of each figure, points out that the watch figure is composed of multiple layers, and layer as many Pointers or small parts, to be able to make a detailed composition, stimulating the students desire to deep learning computer, then Photoshop the design of software function, interface, workspace, file storage format in detail, this method can arouse the enthusiasm of students try to use the software, and learn basic production methods of the image, you can also use the Internet to search the tutorial, improve the ability of practical application of Photoshop. Teaching ideas like this are very suitable for audio, video, web page making courses, helping students to establish independent operation and continuous exploration of thinking, for the improvement of students' practical ability to create strong conditions.

Improve the computer teaching evaluation system

At present, there are some loopholes in the evaluation system of computer teaching in colleges and universities. The evaluation index is mainly put on the test scores. The obvious exam-oriented education mode involves very little in computer practice, teamwork and other education, so teachers often carry out teaching in accordance with the previous teaching forms. Therefore, in computer teaching classes, teachers need to attach importance to the application of situational teaching in computer learning, create a variety of workplace situations, set up urgent tasks in work, and help students learn to do task management and time management ability. Poster, for example, production of the Mid-Autumn festival, festival have limited time node, teachers' time to finish the design rules and requirements, complete the design task, do reasonable evaluation on the overall performance of the students, through the self-assessment and mutual form, guide them to think actively, summarizes the practice link in what are our shortcomings, in what areas can be improved, effective, guides the student to improve the comprehensive practical ability, and familiar to learn computer knowledge, learn something useful at the same time, in practice to learn to communicate effectively, has the good team cooperation

awareness effect. Computer, therefore, the cultivation of practice ability, it is necessary to perfect the evaluation system, teachers need to dynamic Angle to evaluate students' learning quality, not only contains the skilled professional knowledge, also includes emergency things to deal with professional accomplishment evaluation ability and the team cooperation, this is more conducive to developing practice ability of the whole, effectively improve the quality of the computer teaching. Through further practical analysis, in the process of perfecting the computer teaching evaluation system, we should attach importance to the teaching practice of our school and actively explore a more perfect evaluation system, so as to lay a good foundation for the future development of students. Diversified assessment methods can be carried out to strengthen the process assessment, so that students in the usual classroom exercises, pay attention to the exercise of practical ability.

Establish a scientific and perfect computer course system

With the rapid development of science and technology, the replacement of computers has been accelerated. Therefore, the curriculum of computer science and technology should take into account the actual situation and be prepared to meet the requirements of the society. Only in this way can students keep pace with The Times and firmly grasp the latest knowledge and technology. When preparing lessons, teachers should make dynamic adjustments based on people, so that they can master practical professional skills and meet the needs of comprehensive functions. Combined with the development characteristics of different times, the curriculum system of computer science and technology specialty should be professional, targeted and dynamic. Only in this way can the society meet the needs of computer professionals, so that students can master professional skills, master relevant knowledge and form the consciousness of innovation and entrepreneurship. The establishment of scientific and perfect computer course system can essentially ensure that students can learn through classroom computer, strengthen theoretical knowledge and form a certain practical ability. Set up the computer course system can mainly from two aspects: first, to ensure that the Settings of the computer courses and computer science and technology development to realize integration, both considering the current situation of talent market demand for computer talents, and according to the overall development trend of computer, computer curriculum reasonable, to ensure that the computer course system and the future development of the computer industry, let the student through the study of computer courses, to master the computer application ability, fully meet the computer industry overall demand for talent. Second, college computer curriculum should be combined with the overall needs of the current employment market, guide students to learn computer skills at school, so as to achieve the employment rate. If students do not have a good command of computer operation ability during their study at school, it is not easy to find a suitable job position even if they enter the society with the continuous development of science and technology. Therefore, in the process of computer courses in colleges and universities, to build with students' professional ability and professional quality as the main line, the working process oriented, post demand as the goal of modularization teaching system, closely combined with the current employment situation and market demand for employment of the specific, and ensure that students can achieve employment and self-development.

Strengthen the construction of practical teaching team

In the process of teaching, we should pay attention to the cultivation of team consciousness of teachers, pay attention to the construction of teachers, require teachers with professional computer knowledge and have very rich experience in the application and computing ability of engineering staff. Professional teachers is the main part of the education team, should choose the teacher development experience with the computer, and they are many aspects of culture, which makes them more adapt to the demand of social development and talent market, integrating theory with practice, improve the classroom quality and efficiency, in this kind of education system, cultivating the talent will be more and more, more and more adapt to the development of the state and society. In order to further ensure the teaching quality of the teacher team, effective teaching training should be actively carried out to enable teachers to fully master various practical skills, so as to impart real skills and knowledge to students. To cultivate double-qualified teachers, professional course teachers are required to possess three qualities and abilities: first, they should have a high level of culture and professional theory, and have a strong teaching, teaching and research ability and quality; Second, they should have extensive professional basic knowledge and skilled professional practical skills; third, they should have certain ability to organize production and management and promote science and technology, as well as the ability and quality of guiding students to start their own businesses. The "double-qualified" teachers with production capacity should be cultivated through the following ways: first, school-based training should be carried out based on the school's educational resources, such as providing opportunities for teachers to cultivate their production capacity through regular practical training and external processing. At the same time combined with the curriculum reform and construction of the school to carry out training; Second, off-campus training, sending teachers to domestic and foreign training institutions and enterprises for study and training. Third, school-enterprise combination, "go out" and "please come in" combination.

Strengthen school and enterprise interaction platform

Along with our country industrial structure adjustment, increasing demand for skilled talents, to cultivate high-skilled applied talents can meet the demand of jobs, schools should constantly promote university-enterprise cooperation and work-integrated learning advanced teaching mode, implement the school and the combination of teaching resources and

teaching environment of enterprises, the combination of theory and practice, thereby enhancing the efficiency of the students' learning and to make the students in the process of learning and practice, truly improve their professional skills and the ability to solve the problem. Through order training, enterprises can design order classes in schools according to their own needs, which can be jointly cultivated by the school and the enterprise. Meanwhile, directional training can be carried out by signing an agreement between the enterprise, the school and the individual students. Under the background of industry-university cooperation, school-enterprise cooperation and collaborative education is the need of The Times under the new normal, the need of higher vocational colleges' own development, and also an effective way to realize the service of regional economy. Therefore, higher vocational colleges close butt area economy, exploring learning combined with the practice of under the background of highly collaborative education between colleges, schools, education resource integration and social service resources, create the complementary advantages of university-enterprise cooperation mechanism, make the campus culture and enterprise culture blend infiltration, aiming at improve the quality of personnel training, improve the level of professional teaching team and the individual teacher, and professional and technical, practical ability of students.

Conclusion

In a word, there is a method of teaching and no definite method of teaching. Teaching methods need to change with the changes of The Times. If teaching methods remain unchanged and stick to the old rules, education will be backward and the talents cultivated will not be needed by the country and society. On the concept of teaching reform, we should put people first, keep pace with The Times, develop scientifically, build a harmonious society, and promote the cultivation of students' innovative spirit and innovative ideas. In computer teaching, it is necessary to create a harmonious teaching environment to give students space for innovative self-study, which will eventually cultivate a generation of outstanding innovative talents for the society and the country.

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