Research on Innovation Path of Computer Education Model in Higher Vocational Colleges under the background of Internet +

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Abstract: With the slogan of "Internet +" put forward, the teaching of higher vocational colleges has ushered in a new opportunity for reform. In this context, it is necessary for higher vocational colleges to follow the trend of the development of The Times, and actively reform the traditional teaching mode, teaching methods and concepts, in order to improve the teaching effect of computer major, the use of new thinking and new methods to create a new situation of computer major teaching in higher vocational colleges, cultivate students' professional quality and promote their all-round development. This paper briefly analyzes the innovative path of computer teaching mode in higher vocational colleges under the background of "Internet +", hoping to provide some valuable reference for readers.

Key words: Internet +; Higher vocational colleges; Computer education

Introduction

The arrival of the Internet era has caused a huge impact on various industries, and has greatly changed people's lifestyle and living conditions. The slogan of "Internet +" has also brought great impact to the education industry, which is promoting a revolutionary change in education. Higher vocational colleges are important positions of talents training in our country, and are responsible for important tasks and missions of providing talents for the society and related enterprises. In the new period, how to train high quality and high accomplishment students of higher vocational colleges has become one of the teaching problems that troubles teachers. The traditional teaching method and teaching mode can not meet the needs of the development of students in vocational colleges. In this regard, it is necessary for colleges and professional teachers to face up to the meaning of "Internet +", based on the trend of the development of The Times, and apply it in the teaching of computer majors. Through the use of new thinking and new methods, we can create a new situation in the teaching of computer majors in higher vocational colleges, so as to better train students' professional quality and promote their all-round development.

1. The value of "Internet +" to the teaching of higher vocational education

(1) Stimulating learning interest under the background of "Internet +"

Interest is a good teacher and helpful friend for students, and it is also an inexhaustible motivation for learning, which is the same for vocational college students. Only when they are interested in computer teaching, can they invest a lot of energy and time in the learning process to understand and master computer professional knowledge, so as to obtain greater learning benefits. However, in the past, in the teaching process of computer majors in higher vocational colleges, students were often used as containers to carry knowledge, indoctrination and preaching to students, which not only failed to highlight the dominant position of students, but also led to a boring and boring classroom teaching atmosphere, and even made them hate or even resist, which laid serious hidden dangers for their subsequent learning and future development. If vocational teachers are unable to optimize and innovate their teaching methods in time, it will not only fail to improve the teaching effect of computer majors, but also affect the development of their personality and the improvement of their comprehensive ability. Under the background of "Internet +", teachers can make use of the advantages of the Internet and penetrate it into the teaching of computer majors. By means of pictures, videos and audio, teachers can create an information situation integrating multiple elements for them, so that vocational students can be immersed in this teaching atmosphere, thus stimulating their learning interest, motivating their enthusiasm and initiative. And further improve the teaching effect of computer major.

(2) Developing comprehensive ability under the background of "Internet Plus"

As we all know, compared with undergraduate students, vocational college students have a relatively weak foundation, and their learning habits and attitudes are relatively poor. Therefore, in order to improve the effect of professional teaching and train application-oriented professionals, vocational colleges and teachers should carry out high-quality computer professional teaching and improve their comprehensive ability. While the traditional professional teaching method has obviously been unable to achieve this purpose, and in the background of "Internet +", by integrating it with the teaching of computer majors, teachers can take advantage of its advantages and break through the limitations of time and space to carry out professional teaching. The teaching place is not limited to the classroom, as long as the Internet is connected, students can get a lot of professional education. At the same time, in addition to high-quality professional classroom teaching, students can make use of piecemeal time after class to learn with the help of "Internet +" technology, expand learning channels, greatly improve the teaching effect, effectively strengthen their comprehensive ability, and provide scientific and technological assistance for students' all-round development.

2. Analysis of the problems existing in the teaching mode of computer major in higher vocational colleges

(1) The teaching status is not prominent

At present, some teachers do not pay attention to the status of students in the teaching process, the relevant teaching concepts are outdated and backward, do not pay attention to the experience of students in the learning process, teachers are weak in consciousness, only explain concepts, adopt "programmed" teaching mode, mainly "preview + teaching", and do not adjust the teaching content according to the actual learning situation of students. This kind of unified teaching goal limits the learning enthusiasm of some students, but also makes the graphic design teaching in trouble.

(2) The content of the course is not innovative

At present, there are still many problems in the teaching of computer major in higher vocational colleges, which are mainly reflected in the improper connection between theory and practice. Some teachers do not coordinate the relationship between science and practice, weakening the function of science and practice education to a certain extent, which is not conducive to speeding up the pace of curriculum reform. Some teachers are rigid in thought and only stay in the theoretical knowledge education, depriving students of the time to practice, which is not conducive to students to connect with the reality, but also make students farther away from the post needs.

(3) The teaching mode has not kept pace with The Times

Teaching content is not immutable, it is constantly updated with the development of The Times. At present, some teachers are still adhering to the traditional and backward teaching mode, focusing on "classroom teaching" and imparting knowledge according to the teaching syllabus. As for how much students have mastered, teachers are not sure. At present, some teachers put themselves in the dominant position and ignore the development of students' personality, which affects the quality of teaching to a certain extent. At the same time, there are some teachers do not pay attention to classroom interaction, did not create an interactive classroom atmosphere for students, resulting in the whole classroom dead, which is not conducive to fundamentally mobilize students' learning initiative, but also enhance students' weariness of learning.

(4) Uneven quality of teachers

Due to the implementation of the enrollment expansion policy of higher vocational colleges, the number of students is increasing day by day, resulting in the number of professional teachers can not meet the normal learning requirements of students, therefore, many higher vocational colleges relax the conditions and difficulties of recruiting teachers, many of them are just graduated students, they just graduated from school, turn around to undertake professional teaching work in higher vocational colleges, As a result, the professional level and teaching level of teachers in higher vocational colleges are uneven;

3. The innovative path of computer education model in higher vocational colleges under the background of Internet +

(1) Change the teaching concept and respect the students' main body

With the slogan of "Internet +" put forward, it has brought certain challenges and opportunities to professional teaching in higher vocational colleges. Under the background of Internet +, higher vocational teachers can make use of its advantages to break through the limitations of time and space, stimulate students' interest and mobilize their initiative, so as to improve the teaching effect. At the same time, "Internet +" also brings certain challenges to the teaching of higher vocational colleges. Under the background of "Internet +", the traditional way of information dissemination has been subverted. Moreover, nowadays, with the continuous improvement of China's economic strength, information technology products such as mobile phones and computer tablets have been widely popularized, and the channels for students to acquire knowledge have gradually increased. Classroom teaching is not the only channel for students to acquire knowledge. In this regard, in order to better improve the teaching effect of computer major, higher vocational teachers should base on the needs of the development of The Times, timely change the traditional teaching concepts, and actively reform and upgrade the traditional teaching of computer major in order to promote the development of students and the student-oriented principle, and create a brand new teaching situation of computer major in higher vocational colleges by using new thinking and new methods. Pay attention to the stimulation of students' interest in learning and the mobilization of subjective initiative, improve the teaching effect of computer major, cultivate students' professional quality, and promote their all-round development.

(2) Innovate the model and stimulate the interest

With the vigorous development of the "Internet +" era, it has brought great impact on the education of higher vocational colleges, and the traditional teaching mode has been unable to meet the requirements of the new era. Therefore, the education mode of higher vocational colleges must be reformed and innovated, and it is imperative to introduce and learn new teaching modes. In view of this, colleges and universities encourage teachers to combine relevant professional teaching content with "Internet +" to create a new teaching mode that conforms to the development of The Times and improves teaching efficiency.

1. Use multimedia technology

In order to improve the teaching atmosphere and stimulate students' interest, teachers can make use of the advantages of multimedia technology to create an information teaching situation for students. In this way, professional teaching effect can be improved, professional quality can be cultivated and students' all-round development can be promoted. For example, in the computer major of higher vocational colleges, teachers can combine relevant professional knowledge and teaching content with multimedia equipment, and use such innovative teaching mode to stimulate students' learning interest and arouse their learning enthusiasm. Through multimedia equipment, teachers can display relevant videos, pictures and voices to students, and create a visual and auditory event for them through the audio-visual integration, which can greatly improve their learning efficiency and promote the construction of efficient classes.

2. Make use of the network platform

Under the background of "Internet Plus", teachers can integrate the teaching of computer majors with the advantages of network platforms, such as Dingtuo, wechat, Tencent Conference and other network platforms, to build network cloud classroom, use the network to combine students and teachers, break the shackle of traditional teaching mode, break through the limitation of space and time, So that students can participate in the teaching of computer majors at home, enrich the teaching forms, and improve the teaching effect. In addition, teachers can also make use of the advantages of the network platform, actively create online gold courses, and upload them to the network platform, students can learn professional courses online through the network platform, expand the teaching channels, improve the teaching effect, so that they can make better use of the remaining time after class and improve the teaching effect.

3. Use of virtual reality technology

In the teaching of computer major, practical teaching has always been an important part of the teaching of computer major in higher vocational colleges. In order to improve the quality of talent training and make vocational students become application-oriented talents, it is necessary for higher vocational colleges to pay attention to the improvement of practical teaching effect. In this regard, teachers can introduce virtual reality technology and build virtual practice platform. In this way, the practical teaching effect can be improved, students' practical operation ability and practical ability can be strengthened, and their all-round development can be promoted.

(3) Reform the curriculum to keep pace with The Times

In the "Internet +" environment, the content of computer science is changing with each passing day, and new technologies and concepts are emerging in an endless stream, which brings unprecedented challenges and pressures to the teaching of computer science in higher vocational colleges. The application technology of computer science in society is constantly changing, which means that the computer science in higher vocational colleges should update the relevant teaching content in time. The relevant old and abandoned teaching content is cut down, and the current popular and commonly used teaching content is added. In this way, students can be helped to better adapt to the development of society and help them to stand on their feet in the future life and work. For example, in the teaching process, teachers should timely share the most popular computer professional technology with students to broaden their professional vision, such as 3D printing technology, VR virtual reality technology, intelligent car technology, etc. Through teachers to render and explain to them in a timely manner, can greatly enhance their vision, stimulate their learning interest, at the same time, To help them recognize their professional prospects and arouse their learning motivation, which is very important for the future development of students.

(4) Strengthen teachers and improve their level

Teachers occupy a very important position and play an important role in the learning process of students in vocational colleges. Teachers play a vital role in the normal learning and happy growth of students. Therefore, it is necessary to strengthen the professional quality and professional ability of teachers, create a high-level, proficient in teaching, professional top-notch "high precision" teachers team, to lay the foundation for the improvement of students' professional quality. For example, colleges and universities encourage professional teachers to further their studies and take the postgraduate entrance exam to improve their academic qualifications and teaching level. For such teachers, colleges and universities can reduce the scientific research tasks assigned to them; Colleges and universities hold teaching and research meetings regularly to discuss the problems existing in professional teaching, and teachers can work out solutions together to improve the overall teaching level. Colleges and universities can invite outstanding experts and lecturers to give speeches or professional lectures in the university, so as to enhance the overall quality of teachers by sharing the excellent experience of experts. Colleges and universities need to improve the teacher evaluation system. For teachers' teaching evaluation methods, they should break the restrictions of traditional thinking. Students can grade teachers and parents can grade teachers, etc., so as to create diversified evaluation methods. For teachers of relevant majors, apart from teaching tasks, colleges and universities should assign related scientific research tasks to them, and formulate strict standards for related tasks. Through these methods, teachers' professional quality and professional ability can be improved, and teachers' motivation and enthusiasm for continuous learning can be stimulated. To help build a team of first-class higher vocational college teachers with strong professional ability, familiar with business, advanced teaching methods and superb teaching level.

(5). Strengthen cooperation and improve construction

Under the background of "Internet +", the standards of society and enterprises for talents have gradually changed, and traditional talents in higher vocational colleges can no longer meet the needs of society and enterprise development. Therefore, it is necessary for higher vocational colleges to strengthen school-enterprise cooperation, cultivate practical ability and practical operation ability, and realize "dual-track" development. For example. Professional teachers can take the initiative to take the lead, communicate with enterprises corresponding to their majors, build an efficient school-enterprise cooperation model, arrange students to practice and broaden their horizons, and adopt the "on-the-job internship" model, so that they can really enter the company's work and practice, and the relevant enterprises will pay students according to their work performance and performance. Students can also take advantage of this opportunity to improve their practical ability and hands-on ability. At the same time, on the basis of school-enterprise cooperation, higher vocational colleges can coordinate various resources, establish and improve the construction of practical training bases, and innovate practical teaching facilities, so as to improve students' professional ability, help students enhance their practical ability and practical ability, and train them into compound talents with excellent professional knowledge and practical ability that meet the needs of society and enterprises.

4. Conclusion

Nowadays, we have already entered the era of "Internet +", which has an impact on all fields of society and aspects of life. In this

environment, in order to optimize the teaching of computer science in higher vocational colleges and improve the teaching efficiency, we can strengthen the teaching of computer science by highlighting the main body, innovating the model, giving a course, strengthening the teachers and strengthening the cooperation, so as to help students improve their professional ability and practical ability, and help them become the composite talents needed by society and enterprises.

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