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Thinking on the Teaching Reform of Computer Basis Course for Medical Specialty under the Background of Ideological and Political Education in Courses in the Intelligent Age

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Abstract

Ideological and political education in courses refers to integrating the ideological and political education in non-ideological and political course teaching. The content of ideological and political education in courses should focus on loving the Party, loving the country, loving socialism, loving the people, and loving the collective. Education on socialism with Chinese characteristics and the Chinese Dream, socialist core values, legal institution, labor, mental health and fine traditional Chinese culture will be integrated into the courses teaching. This paper takes the course "Computer Basis" as the object, explores the implementation plan of teaching reform of the basic courses for medical specialty under the background of ideological and political education in courses in the intelligent age.

1. Introduction

Education is the great plan of the country and the Party, and it bears the fundamental task of cultivating people with moral integrity. At the National Conference on Ideological and Political Work in Colleges and Universities, General Secretary Xi Jinping stressed that class teaching should be the main channel, and all kinds of courses should go in the same direction with ideological and political theory courses to form a synergistic effect. Therefore, teaching reform of com-

puter basic course for medical specialty is imperative.

The content of ideological and political education in course should focus on loving the Party, loving the country, loving socialism, loving the people, and loving the collective. Education on socialism with Chinese characteristics and the Chinese Dream, socialist core values, legal institution, labor, mental health and fine traditional Chinese culture will be integrated into the curriculum teaching [1].

For medical students, the education of medical ethics should be paid attention to in the course teaching. The doctor spirit that includes "respect life, heal the wounded and rescue the dying, dedicate, love without borders" also should be cultivated. We not only cultivate them exquisite medical skill, but also guide them to give top priority to people's life safety and body health, to respect for the patients, to be good at communication, to improve them comprehensive and cultural literacy, to enhance their ability to respond to major public health emergencies in accordance with the law, and to become a good doctor trusted by the Party and people [2].

2. The Teaching Reform of Computer Basis Course Is the Demands of the Times

2.1. Current Situation of Computer Basis Teaching for Medical Specialty

At present, the Computer Basis, as a general basic course for freshmen in medical colleges, mainly covers the history of computer development, composition of computer system, operation of Office software, and foundation of computer network and so on. For students, the content can neither enhance them professional skills, nor raise the moral standard of them.

In college and university, not only ideological and political theory courses, but also all specialized courses and basic courses should assume the responsibility of quality education for students, "Computer Basis" is no exception.

2.2. Change the Training Goal of Computer Basis Course

At this stage, the training goal of Computer Basis course should be changed. In teaching, not only computer technology that relates to medical applications should be taught, but also the ideological and political elements should be integrated into. Through it, the overall quality of the students can be improved greatly. In recent years, the contradiction between doctors and patients has been heating up, which is partly caused by the low quality of medical staff. For medical students, higher quality should be required. Therefore, to help them to set up the correct career outlook, it is necessary to strengthen the cultivation of students' quality in the process of school education [3].

2.3. The Influence of Intelligent Environment on "Computer Basis"

In the stage of rapid development of information technology, big data, cloud

computing, Internet of Things, artificial intelligence and so on, a series of new words are full of our life. Computer technology has been integrated into all walks of life. "Internet+" is no longer a new term, the application of computer technology in the medical industry is changing with each passing day.

Although medical students are not required to have specialized computer knowledge, they must learn to accept new technologies and applications. Science and technology are changing the world and changing the way of thinking of human beings. If teachers still impart textbook content step by step, they will not meet students' demand for new knowledge, and also fail to reach the goal of moral education. To make the Computer Basis course more interesting and easy to understand, teachers should integrate skills and knowledge, ideological and political elements, new applications and so on into the class teaching [4].

3. Excavation of Ideological and Political Education Elements

First of all, only when teachers understand the contents of ideological and political education elements can they be integrated into the teaching process. Generally speaking, all the knowledge or events that can influence the students to form the correct three views are elements of ideological and political education. For example, the core socialist values: "prosperity, democracy, civilization, harmony, freedom, equality, justice, rule of law, patriotism, dedication, integrity, friendship", each of them can be integrated into the teaching. To help students to learn how to analyze and solve problems, hot events on the Internet can also be used as an element of ideological and political education [5]. In short, all the knowledge that can instruct students in morality belongs to ideological and political education elements. This paper excavates ideological and political elements from the following aspects, which should be representative to some extent.

3.1. Overview of Computer History

This part mainly introduces the development history of computers. When teaching this part, the development process of China's computer can be focused on. From the birth of the first computer in China to the great development of information technology today, generations of people have worked hard. In this way, students' national pride and patriotism can be aroused. Besides, students can also realize that the convenience brought by science and technology is the result of the efforts of several generations, and all the success is not achieved overnight. Although China's computer development started late, it has made rapid progress. The supercomputer family developed by China has reached the world's leading level. Some famous Internet companies (Ali, Baidu and Tencent) in China at the present stage can also be introduced. The introduction of the above content can improve the cultural confidence of the students, stimulate their efforts to make some achievements in the future career, and strengthen their faith of serving our motherland.

3.2. Office Software

The teaching content of Office software includes three components: Word, Excel and PowerPoint. The excavation of ideological and political elements in this part is mainly material selection. For example, when teaching Word typesetting, articles related to ideological and political education can be selected, so that students can imperceptibly absorb the ideological and political education knowledge contained in the articles in the process of learning typesetting. The same method can also be used in PowerPoint learning. Ask students to finish a PPT after class, the content of which must be pillows of the great power, the Chinese novel coronavirus epidemic control, the life story of a national hero, etc., which is also a method of excavating ideological and political education elements.

3.3. New Computer Technology and Intelligent Medical System

Advanced technologies such as big data, the Internet of Things, cloud computing and artificial intelligence have begun to enter our lives. To broaden the vision of medical students, introducing the application of new computer technology in the medical field is also a kind of ideological and political education. For example, intelligent medical system is the specific application of computer technology in the medical field, mainly concentrating on the following five aspects: medical robot, intelligent drug research and development, intelligent diagnosis and treatment, intelligent image recognition, intelligent health management [6].

3.4. Network Security

Although the network is a virtual environment, it also has the corresponding rules of moral behavior. Through the integration of moral education elements, guide students to use the Internet in a civilized way, distinguish the true and false information in the network, and do not believe rumors and do not spread rumors [7]. To cultivate students' awareness of network security, it is also necessary to tell students about the network security events around.

4. Thinking on the Countermeasures of Strengthening Ideological and Political Education

The consistent teaching mode of Computer Basis is: teacher's explanation - teacher's demonstration - student's practice. This teaching method has been unable to meet the needs of talent training, ideological and political education in courses has become inevitable. According to the current teaching situation of "Computer Basis" for medical specialty in our college, the following suggestions are given.

4.1. Strengthen the Ideological and Political Education for Teachers

Teachers should first have noble ideological and political qualities if they want to carry out ideological and political education to students. In fact, teachers them-

selves are the carriers of moral education. A teacher with profound knowledge and noble moral character can have an imperceptible education on students 4 [4]. The teacher's words and deeds will have an impact on students [8].

4.2. Excavate Ideological and Political Elements and Reconstruct the Teaching Content

To Ideological and Politics Education, in course teaching, teachers should excavate deeply the ideological and political elements about computer basis course, revise the curriculum syllabus, update the teaching content, prepare lecture notes and teaching plans, and integrate ideological and political elements into the teaching design and classroom teaching of computer basis course for medical specialty. Patriotism, social responsibility, cultural confidence, network security, intelligent technology and medical ethics and so on should be run through the whole process of teaching. To cultivate students' patient-centered and people-oriented service concept, knowledge teaching and value guidance should be combined.

4.3. Explore the Examination Method That Reflects the Ideological and Political Education Effect

At present, the ideological and political education in courses is still in the exploration stage. Which method is more effective, needs to be verified by the assessment that can reflect the effect of ideological and political education. For specialized courses and basic courses, the traditional assessment content is theoretical knowledge, which cannot reflect the effect of ideological and political education [9]. Therefore, it is necessary to formulate new assessment standards of Computer Basis course for medical specialty, which should not only examine the computer operation ability of the students, but also examine their ideological and political level.

Quality education is related to the national development, and colleges and universities shoulder the important responsibility of training qualified socialist builders and successors for the country [10], so ideological and political education for students is a common teaching task for teachers of all subjects. Based on the characteristics of the course "Computer Basis" for medical specialty, this paper analyzes current situation of Computer Basis teaching, introduces excavation of ideological and political education elements in the process of teaching, and gives some suggestions on strengthening ideological and political education.

Conflicts of Interest

The author declares no conflicts of interest regarding the publication of this paper.

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