Integration and Innovation of "Course Ideology and Politics" in Basic Computer Teaching

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Abstract. In such an era of Internet, computer technology and artificial intelligence, in which information technology is closely related to life, the cultivation of computer application ability has become an indispensable indicator in the talent cultivation strategy of colleges and universities. How to make better use of "Ideological and Political Thoughts" to teach basic computer courses in universities is of great significance to improve students' thinking ability and correct outlook on life and world outlook.

Introduction

As an introductory course of computer courses, computer basic course mainly introduces students to the history of computer development, basic knowledge of computer professional learning, office automation operation, computer network, network information retrieval and so on. To enable students to have basic computer operation and application skills, to understand basic computer knowledge and network application, in order to meet the needs of today's social development, and to cultivate students' innovative thinking ability also plays an important role. In such an era of Internet, computer technology and artificial intelligence, in which information technology is closely related to life, the cultivation of computer application ability has become an indispensable indicator in the talent cultivation strategy of colleges and universities. How to make better use of "Ideological and Political Thoughts" to teach basic computer courses in universities is of great significance to improve students' thinking ability and correct outlook on life and world outlook.

The teaching of this course is based on the principles of fundamentality, systematic and practicality, integrating theory with practice, taking the training of students' computer application ability as the basic thread, taking advanced operation of office automation as the main content, taking into account the basic knowledge of computer such as network application and information retrieval, so as to guide students to master document retrieval and information retrieval skillfully. The basic theory and general application methods of inquiry, information acquisition and processing can cultivate students' information literacy, constantly accept new technologies and methods, and comprehensively improve students' ability of office automation document processing and skilled use of various common software. It is the necessary knowledge and skills for students to apply for jobs and work, and it can lay a solid foundation for students to further study and apply computers.

Ideological and Political Elements and Thoughts Implicated in the Course

Patriotism Education of Computer Foundation Course

The course of Computer Foundation belongs to the public basic course. The students are involved in all freshmen in the school. It has a wide range of influence. In the course design, patriotism education can be integrated into the whole process of teaching, and the implicit role of curriculum ideological and political can be brought into play, which has a silent effect.

Help Students to Set up Correct Three Views and Stand on the Political Standpoint

At present, the network has been everywhere in our study and life, and the network has become
the main source of information for many people. Therefore, in the network part of teaching, besides teaching network knowledge to students, it is more important to help students set up correct three views and political positions, so that students can be able to make correct choices and judgments in the uneven network information; let students express positive and energetic speech on the network.

Keep Abreast of the Latest Developments and Keep Abreast of National Development

Although students are surrounded by the Internet and information, they are indifferent to the latest policies and developments of the country. They are not even clear about the latest development direction and goals of the country. Thus, the development of the country and personal development are separated from each other, and the affairs of the country have nothing to do with the students. In order to improve the enthusiasm of students to pay attention to the country, in PPT teaching, students are assigned the theme of PPT project homework with the latest development of the country, so that students can search for relevant news and reports, mobilize students' initiative to learn, and guide students to participate in the development of the country.

Setting up the Model Leading Role of Party Members in Classroom

Computer courses are usually based on scientific theory and computer operation. However, in the teaching activities of applied universities, Party members can still play a leading role in strengthening the integration of Party building culture in the curriculum through modest innovation.

Basic Thoughts and Contents of Ideological and Political Reform of Computer Basis Course

To do well in the course of Ideological and political education, we must infiltrate the course of Ideological and political education into the teaching, and embody the explicit and boring ideological and political content in the recessive professional course teaching. The following ideological and political contents can be added in the course module design:

As shown in Fig. 1, the relationship between professional knowledge and ideological and Political Education, the history of computer development, from the invention of computing tools to evolution, reflects the vastness of Chinese civilization. The teaching focuses on the "calculation" in the spring and autumn Period and the Warring States Period and the abacus in the Northern Song Dynasty. These are the ancestors of the development of computing tools, the crystallization of the wisdom of the Chinese nation, and have a far-reaching impact on the development of computing tools.

Computer hardware and software system, focusing on students to show the development of our country's computer. In 1956, China began to develop and produce computers. Through the efforts of Chinese scientists and technicians, China's computer industry gradually formed. Through China's achievements in the international arena, students were encouraged to have a firm sense of national pride, inspired by the achievements of their predecessors, to arouse the patriotism of young people and to develop science and technology for the motherland. Exhibit the motivation to study hard.

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![Diagram](image)

Figure 1. The Relationship between Professional Knowledge and Ideological and Political Education.

**Teaching Realization Method**

At the same time, through the application of various computer hardware and software and internet, students' computer application skills have been improved. At the same time, the introduction of Ideological and political teaching cases, the browsing of network current political information, the discussion of popular current political topics, the production of PPT ideological and political content, and the understanding of China's computer development level after class have been adopted. The teaching method is to reform and infiltrate students' ideological and political education in computer courses, mobilize students' enthusiasm in learning ideological and political education, change the dull classroom model of single ideological and political course, explore the classroom in many directions, and give full play to the auxiliary role of Ideological and political education in curriculum.

Professional courses should be able to go hand in hand with ideological and political courses and complement each other. Teachers should also have a high ideological and political awareness. Teachers should have a systematic plan, a complete teaching system, scientific and rational teaching objectives and emotional infiltration when carrying out "curriculum ideological and political". Under the guidance of teaching objectives, we should enrich the classroom with suitable and diversified teaching methods and enrich the classroom with novel and diversified teaching methods. In the actual teaching, closely around the "curriculum ideological and political" education and teaching concept, give full play to the role of moral cultivation. Only when teachers have a profound level of Ideological and political education, "curriculum ideological and political" can achieve good results.

**Potential Difficulties and Solutions**

**Difficulties and Problems**

Teachers are the main body of teaching. At present, most professional teachers have formed their own teaching mode. They haven't touched the teaching content of Ideological and political courses before. They are afraid of how to incorporate ideological and political views into classroom teaching. Psychologically, they will misunderstand and conflict the ideological and political work of courses. Therefore, we should help teachers to clarify the relationship between professional teaching and ideological and political education, so that teachers can realize that the relationship between the two is not contradictory but mutually reinforcing. After students have established correct outlook on life and values, they will be of great help to the study of professional courses and
their future development. Only when professional teachers realize the importance of Ideological and political education in curriculum, can they organically combine professional curriculum teaching with ideological and political education, and then produce good teaching results.

Solutions
Course ideological and political education requires college teachers to possess the basic ability and accomplishment of Ideological and political education, to systematically apply ideological and political education with the times, to grasp the connotation of Ideological and political education, and to skillfully interpret the trend of national policies. These qualities are not generally available to professional teachers. Therefore, it is necessary to strengthen the ideological and political training of university teachers from the school level. Through regular centralized training, group discussion, network learning and other ways to strengthen the ideological and political level of professional teachers, so that teachers can understand the latest national policy spirit, master the system of Ideological and political.

Conclusions
At the same time, through the application of various computer hardware and software and internet, students' computer application skills have been improved. At the same time, the introduction of Ideological and political teaching cases, the browsing of network current political information, the discussion of popular current political topics, the production of PPT ideological and political content, and the understanding of China's computer development level after class have been adopted. The teaching method is to reform and infiltrate students' ideological and political education in computer courses, mobilize students' enthusiasm in learning ideological and political education, change the dull classroom model of single ideological and political course, explore the classroom in many directions, and give full play to the auxiliary role of Ideological and political education in curriculum.

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