The Exploration of the Teaching Method of Computer Professional Course Under the Integration of Ideological and Political Elements

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Abstract: With the rapid development of information technology, the number of talents in the computer field has gradually increased, which has brought great progress to the development of informatization. However, issues such as fast food culture and unhealthy thinking have also emerged, which makes the ideological and political education of college students face greater challenges. In order to ensure that college students' thoughts are not affected by a lot of negative information, it is very important to set up ideological and political education courses. Currently, the ideological and political education of computer major still faces many difficulties. Therefore, this article proposes practical paths such as improving the collaborative development system of ideological and political education and the teaching of computer professional courses, improving teachers' awareness of ideological and political education, in order to improve the ideological and cultural literacy of computer major students.

Keywords: Ideology and culture; Computer professional courses; Ideological and political education; Teaching method

1. The Importance of Integrating Ideological and Political Elements into the Teaching of Computer professional Courses

China has always given top priority to the ideological and political education of college students. Therefore, to strengthen the ideological and political education of college students is the top priority. Ideological and political education courses are of great significance to the development of computer professional courses. The integration of ideological and political education elements in computer professional courses can improve students' ideological and cultural literacy, help students to have a deeper understanding of the importance of ideological and political education courses to computer professional courses, and strengthen students' in-depth understanding of computer professional knowledge and ideological and political knowledge. At the same time, rooted in the modernization development, the deep integration of computer professional courses and ideological and political education can improve the effectiveness of ideological and political education and strengthen the times effect of ideological and political courses. In addition, the integration of ideological and political courses into computer professional courses can make students understand the ideological energy brought by the ideological and political courses, and obtain more spiritual strength from it, and form correct moral values. Effectively promote the integration of ideological and political education elements and computer professional courses, and promote the realization of ideological and political courses to achieve all-round education, which is conducive to guiding students to strengthen the study of ideological and political education in the process of receiving computer professional knowledge learning, improve their ideological and cultural literacy and professional ability, so as to cultivate more comprehensive talents. From this point of view, the integration of ideological and political education elements into college computer professional courses has a profound

impact on improving the teaching effect of computer professional courses and promoting teaching reform.

With the continuous improvement of information technology, Chinese society has developed rapidly, and the ideological culture has gradually diversified. This makes students receive a variety of ideological and cultural education, resulting in poor ideological stability of students, making students vulnerable to the influence of ideas that are not in line with the development of The Times. In addition, the contemporary college students are easily affected by bad culture after receiving a variety of cultural shocks, and cannot completely form a unified and harmonious values and world outlook. In this case, ideological and political education is particularly important. The purpose of setting up ideological and political education courses for college students is to provide students with correct ideological and cultural concepts, so that students can correctly understand the connotation of ideological and cultural concepts, establish correct world outlook, outlook on life and values, and improve the ideological and cultural level and moral quality of college students. Since students majoring in computer science have been using computers for a long time, they will receive outside information more quickly and conveniently, and the possibility of being affected by information is also greater. Therefore, the deep integration of ideological and political elements into the teaching of computer professional courses is extremely important to improve the effect of ideological and cultural education of college students. The organic integration of ideological and political education elements with computer professional courses in universities can lay a solid foundation for improving the cultural literacy and professional abilities of college students, promoting their physical and mental health, and cultivating a large number of high-quality excellent computer talents. This can not only improve the basic literacy of Chinese college students, but also promote the upward development of the computer industry, thereby promote economic development, meet the increasing spiritual and material pursuit of the people, and promote the high-quality sustainable development of China.

2. The Problems of Integrating Ideological and Political Elements into the Teaching of Computer professional Courses

At present, Chinese universities have made some achievements in the field of computer teaching, trained a large number of computer talents for the society, and promoted the vigorous development of China's information technology and social economy. As an important means to achieve high-quality development, computer teaching is a powerful promoter of high-quality development. Due to the gradual establishment of computer majors in universities, the number of students majoring in computer science has gradually increased, and there are more and more outstanding computer talents. As a result, the development of information technology in China has also accelerated. However, some universities do not attach enough importance to ideological and political education in the teaching process of computer professional courses. At present, in the construction of ideological and political courses, some universities prefer to teach ideological and political courses separately from professional courses, which makes it difficult to integrate the elements of ideological and political courses into the teaching of computer professional courses. This problem also leads to the lack of systematic integration of professional course content and ideological and political courses, which reduces students' learning enthusiasm and makes ideological and political courses purely preaching. Therefore, computer teachers in universities need to establish an ideological and political orientation in the teaching process of computer science courses, promote the organic integration of ideological and political elements with professional knowledge, redesign the course plan, sort out the course content, construct a teaching content system, and ultimately make the course contain ideological and political education elements, and carry the function of ideological and political education while imparting professional knowledge.

The ideological and political courses have always existed independently of professional courses, lacking organic integration with the teaching of computer professional courses, making it difficult for the two majors to achieve coordinated development. The course of computer major is a very representative course of science and engineering. The common characteristic of science and engineering courses lies in the emphasis on the explanation of theory and technology, and the teaching content has the characteristics of a large amount and a wide range. It is difficult for some universities to develop a variety of ideological and political education courses under the condition that the teaching content and teaching duration are guaranteed. Moreover, in the teaching process of computer science courses, simply imparting theoretical knowledge of ideological and political education or forcibly incorporating ideological and political elements unrelated to the professional courses will dampen students' interest in course learning and discourage students' enthusiasm for learning professional courses. College computer course teachers take teaching of professional courses as their main task, and mainly focus on computer theory knowledge, practical operation and professional ability test. In addition, the time of college students' professional courses is relatively limited, the teaching time of professional courses is tight, and the tasks are complicated. Teachers have arranged enough time when preparing lessons, without considering the content of ideological and political education. Therefore, there is not enough time to provide ideological and political education content for college students. A few university

teachers believe that ideological and political education has an independent course, which does not belong to their work.

3. The realization path of integrating ideological and political elements into the teaching of computer professional courses

On the one hand, enhance the consciousness of curriculum ideology and politics construction. In fact, improving teachers' cognition of ideological and political education can fundamentally solve the problem that ideological and political elements are difficult to integrate with computer curriculum teaching. But from the actual situation, under the academic influence of rationalization and specialization, the teachers of computer major have a certain misunderstanding of curriculum ideology and politics, and often think that ideological and political education is mainly the responsibility of ideological and political education related workers. In view of this, universities should strengthen the systematic training of computer teachers, help teachers master the law of ideological and political teaching, and fully explore the ideological and political elements contained in computer courses. Universities can borrow teachers from the school of Ideological and political education to conduct ideological and political education training for computer teachers, improve the ideological and political literacy of computer teachers, so that teachers fully understand the importance of ideological and political education.

On the other hand, improve the synergetic development system of ideological and political education and computer professional course teaching. In the process of strengthening the construction of curriculum ideology and politics, universities should avoid the rigid combination of ideological and political elements with the teaching of computer professional courses, innovate teaching methods and means, comprehensively use diversified teaching methods, and narrow the distance between ideological and political education and students. In the process of promoting the deep integration of ideological and political elements with the teaching of computer professional courses, universities should adhere to the combination of online teaching and offline teaching, and rationally use diversified teaching methods such as case analysis, flipped classroom and MOOCs to carry out precision teaching. From a practical perspective, while imparting computer professional knowledge, teachers should combine elements of humanistic literacy, patriotism, and professional ethics education with the teaching of computer professional courses, in order to cultivate a group of compound computer talents with comprehensive development of moral, intellectual, physical, aesthetics, and labor. In addition, universities should constantly improve the curriculum ideology and politics evaluation system of computer majors, not only follow the discipline characteristics of computer majors, but also incorporate the effect of ideological and political teaching into the evaluation system of the teaching of computer professional courses according to the actual situation, and accelerate the construction of a comprehensive, developmental and dynamic teaching evaluation mechanism. Only in this way can we further improve the curriculum ideology and politics construction consciousness of computer teachers, guide students to set up correct values and world views.

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