

Design and Practice of Ideological and Political Education in the Basic Course of Computer Application

Yuxiu Chen

Guangzhou Vocational University of Science and Technology, Guangzhou 510550, China.

Abstract: This article explores the design and practice of ideological and political education in computer application basic courses. By carrying out ideological and political education, it promotes students' ideological and moral education, constructs correct values for students in computer application basic courses, improves students' comprehensive quality and social responsibility awareness, and lays a solid ideological and moral foundation for their future development.

Keywords: Fundamentals of Computer Applications; Ideological and Political Education; Design; Practice

Introduction

The continuous updates and iterations of computer technology have made computer application foundation courses play a crucial role in education. However, in the basic courses of computer application, the importance of ideological and political education is ignored, leading to difficulties in comprehensively improving students' ideological, moral, and professional qualities. In order to solve this problem, it is necessary to conduct in-depth research and exploration on the ideological and political education of computer application foundation courses, construct a suitable ideological and political education system for vocational education, and strengthen students' ideological and moral education and professional literacy cultivation.

1. Practice of Ideological and Political Education in the Basic Course of Computer Application

In the teaching of basic computer application courses, ideological and political education is an indispensable part. In curriculum design and practice, it is necessary to implement the concept of ideological and political education, integrate it into curriculum teaching, so that students can comprehensively understand and feel the importance of moral ethics, outlook on life, values and other ideological concepts, and cultivate their sense of social responsibility, civic awareness, and sense of responsibility. In order to ensure that ideological and political education can run through the entire curriculum, we need to incorporate the content of ideological and political education into the curriculum modules at the early stage of curriculum design, and develop specific teaching plans and practical plans. On the basis of the entire curriculum, we need to develop a system and framework for ideological and political education to ensure that students have the opportunity to access and understand the core concepts of ideological and political education.

In the overall design of ideological and political education throughout the curriculum, we need to pay attention to the following aspects:

1. Ensure comprehensive coverage of course content, meet the requirements of ideological and political education and the development needs of students, and continuously enrich the connotation of ideological and political education.
2. Based on the curriculum objectives and characteristics, scientifically plan the forms, occasions, and methods of ideological and political education in the curriculum, flexibly use various means, and enrich the forms of ideological and political education in the curriculum.
3. Strengthen the exploration and experimentation of combining ideological and political education with practice in the curriculum, guide students to step out of the classroom, enter society, and personally understand and experience the practical significance and life value of ideological and political education.
4. Effectively integrating diversified ideological and political education into curriculum teaching and student life, improving students' ideological quality and literacy.

2. Evaluation of the effectiveness of ideological and political education in the basic course of computer application

2.1 Indicator system for teaching effectiveness evaluation

In the indicator system for evaluating teaching effectiveness, it is first necessary to consider students' knowledge level. This indicator can be measured through exam scores, homework assignments, and students' self-directed learning. Secondly, it is necessary to consider the ideological and political qualities of students. This indicator can be comprehensively evaluated through students' ideological expression, social ethics, and moral cultivation. It is also necessary to pay attention to the applicability of teaching methods and the management and guarantee of the teaching environment, combined with the characteristics of computer application basic courses and the learning needs of students, to conduct scientific and reasonable evaluations.

2.2 Teaching effectiveness evaluation methods

The evaluation index system for the teaching effectiveness of computer application basic courses should include various indicators, such as knowledge and skill mastery, learning outcomes, professional literacy, and so on. These indicators should meet the requirements of course objectives and teaching tasks, and take into account factors such as students' psychology, cognition, and interests. They belong to comprehensive, objective, and scientific evaluation standards. In practical exploration, the evaluation methods for the teaching effectiveness of computer application foundation courses should be flexibly selected based on different teaching tasks and objectives. Among them, some common evaluation methods include: exam score evaluation, practical performance evaluation, comprehensive evaluation, learning note evaluation, etc.

In terms of exam score evaluation, regular assessment methods can be adopted to periodically evaluate students' course mastery. In terms of practical performance evaluation, students can be assigned independent and cooperative practical tasks to evaluate their hands-on performance and ability to independently solve practical problems. In terms of comprehensive evaluation, students' exam scores, practical performance, classroom performance, learning notes, and other indicators can be comprehensively calculated, and comprehensive evaluation opinions can be given to students while ensuring fairness. In terms of learning note evaluation, it can be combined with the form of student writing or reporting to evaluate students' understanding and mastery of course content, and provide improvement plans and suggestions.

2.3 Improvement measures for teaching effectiveness evaluation

In terms of indicator system, it is necessary to strengthen the evaluation of specific application capabilities.

Traditional teaching evaluation systems often only focus on students' level of knowledge mastery, while neglecting the improvement of their practical application abilities. Therefore, we suggest adding evaluation indicators for practical application scenarios to test students' hands-on abilities and their ability to cope with complex situations, in order to evaluate teaching effectiveness more comprehensively and reasonably.

2.4 In terms of evaluation methods, it is necessary to strengthen the consideration of personalized differences among students

Most existing evaluation methods only consider the overall evaluation and often cannot reflect the actual performance of students in different aspects. Adopting diversified evaluation methods, such as individual ability demonstration and group performance, to more accurately understand students' strengths and weaknesses.

2.5 Strengthen attention to student feedback in terms of improvement measures

The evaluation of teaching effectiveness should not only be a unilateral evaluation behavior, but should focus on students' learning experience and feelings. Therefore, we suggest establishing a feedback mechanism to continuously listen to students' suggestions and opinions, and propose specific solutions to problems in order to continuously improve teaching effectiveness.

3. Innovation in Ideological and Political Teaching of Computer Application Fundamentals

3.1 Practice of Integrating Ideological and Political Education with Information Technology in Curriculum

3.1.1 Curriculum ideological and political education needs to focus on cultivating students' comprehensive qualities

The teaching content of the computer application foundation course is complex, and students need to master a lot of knowledge points. However, through the integration of information technology, students can better utilize artificial intelligence, image recognition and other technologies in the classroom to deepen their understanding of knowledge points. Meanwhile, with the assistance of information technology, students can better participate in teaching activities. The application of these information technologies not only helps to improve students' overall quality, but also broadens their thinking and helps them to be more calm in their future work.

3.1.2 Curriculum ideological and political education needs to focus on innovation in practice

With the continuous development of information technology, the teaching content of computer application foundation courses has undergone significant changes. In order to better adapt to this change, it is necessary to draw on new teaching concepts and methods, and carry out targeted practices and attempts in teacher-student interaction, subject integration, and teaching resource sharing. Only by constantly seeking new teaching models and methods in practice can we meet the different learning needs of students and better achieve the goals of ideological and political education in the curriculum.

The integration of information technology in ideological and political education can better cultivate students' innovative awareness

The rapid development of modern information technology requires job seekers to possess innovative spirit and practical abilities. Therefore, in the basic course of computer application, the integration of information technology can enable students to better understand new application scenarios, broaden their thinking boundaries, and have the ability to discover and apply innovation.

3.2 Practice of Ideological and Political Education in Online Open Courses

Determine the goals and positioning of online education. We need to leverage the advantages of information technology to send more teaching resources to students and improve learning outcomes and outcomes. This requires us to carefully design the content, form, and methods of the course to ensure that students can truly benefit.

In terms of teaching methods, adopt multi terminal adaptation methods such as the internet and mobile devices, so that students can receive online open course ideological and political education anytime and anywhere. In terms of teaching management, methods such as personalized customization and intelligent recommendation are adopted to enable each student to receive corresponding guidance and suggestions.

Ensure the richness and reliability of teaching resources for ideological and political education in online open courses. This means integrating and coordinating various resources, including teaching content, teaching methods, teaching staff, etc.

3.3 Innovation in Ideological and Political Education of Computer Application Fundamentals and Cooperation between Schools and Enterprises

In teaching, the way of school enterprise cooperation is under the guidance of enterprises, to make students closer to their professional needs and truly improve their practical application abilities. In terms of curriculum design, the prototype of school enterprise joint teaching has been preliminarily established. Through cooperation with enterprises, students can deeply learn various knowledge and technologies required by enterprises, combine them with practical work experience, and improve their comprehensive quality and practical abilities. In fact, the school enterprise cooperation practice of computer application foundation courses is an important step in educational reform and development. The practice of school enterprise cooperation can not only improve students' practical abilities and professional literacy, but also promote enterprises' understanding and grasp of future talent needs, thereby building a closer school enterprise relationship. Through school enterprise cooperation, students can better adapt to current career needs and market changes, while integrating educational resources and high-quality enterprise resources, forming a mutually beneficial cooperative relationship, and promoting the development of educational reform and social progress.

In the basic courses of computer application, ideological and political education is a very crucial content, and its role cannot be ignored. We should adhere to the principles of strong pertinence, high effectiveness, and entertaining education, and pay attention to the combination of theory and practice in the ideological and political education of computer application foundation courses. We should adopt various teaching methods to enable students to have a healthy and upward attitude towards life and behavioral habits while learning professional knowledge. This not only meets the needs of society for talent cultivation, but also provides strong support for students' career development and personal growth.

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