University Computer Application Basis Teaching of Thinking and Exploration

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Abstract: Computer application basis teaching is the indispensable basic content in the institutions of higher learning education, it is for students to master computer knowledge and skills, improve the students' basic quality has very important significance, in this paper, the basic computer application course to explore some of the problems existing in the solution.

1. Introduction

Computer science has been applied to various fields, so the computer education has become one of the basic courses in higher education. Computer education of institutions of higher learning can be divided into two kinds: one kind is geared to the needs of computer education of professional disciplines, namely, computer professional education, another kind is the computer education for the college students, namely computer application basic education. Now, computer and information technology curriculum has entered the classroom of primary and middle schools, and application of college computer basic education put forward higher requirements. That trains the student to have a basic knowledge of computer application, has the ability of using computer to solve problems in this field.

2. "Computer application foundation" teaching present situation and main problems

2.1 The foundation of the students there is a big gap

In terms of our school, students from different areas, from the city, there are from the countryside. Some students in high school have mastered basic computer knowledge, basic skills, but also some students never operate the computer. This creates a computer application foundation course is facing an embarrassing realm: already familiar with basic computer knowledge that part of the students appeared on computer application basic course weariness; Computer application base is quite strange to another part of the students at the same time, the existing computer application basic course for them to have certain difficulty. Therefore, how to according to the course and the actual situation of the students in the teaching of computer application basis, is we need to solve a problem.

2.2 Professional demand gap

Different students to master the computer application foundation course for knowledge is different, but now computer application foundation course of the school teaching content is the same, the basic arts science is, and no professional requirements for teaching. Lead to the student is very difficult to use computer to solve problems in this major. At the same time, in the final exam, but also to take a test mode, does not appear to take an examination of different students use computers to solve problems in the professional ability.

2.3 Theory teaching and practice

The course of "computer application foundation" is a door is given priority to with practical operation, basic course of theory teaching as auxiliary. But now the course of "computer application foundation" theory and computer operation period ratio of 1:1, and teaching is a separate lectures
and computer experiment, in the last computer LABS after a theory class. So, in theory courses, students in the audio-visual of passive, boring speechless, "cold", "static" scenario is difficult to active, not to mention the interaction between teachers and students; And computer operation class, students in the theory class intervals for a period of time to use the computer operation, had forgotten science class teacher speak knowledge or demonstrate skills, students computer operation course in don't know what to do and to play games, chat, or holding the book control computer, the computer operation to known results.

3. "Computer application foundation" teaching thinking

For now "computer application foundation" in our school curriculum teaching present situation, I put forward some thoughts on the following, only for your reference.

3.1 "Computer application foundation" hierarchical divide into classes teaching

At present, our school has a common course of computer application base is according to the professional class natural class group, think all the students in teaching is the starting point of the same, result in computer application foundation course in many problems in the implementation. I think these problems can adopt hierarchical divide into classes teaching to solve.

So-called hierarchical divide into classes teaching, namely, when new students of liberal arts students are a "computer application foundation" placement test, combining investigation and full understanding of students open forums and other forms. Then according to the test, the results of the survey and symposium of combining professional situation according to the admitted into several levels, the students to control these A few levels divide students into class A, B, C grade. Of course, for examination by performance and excellent students, also can be the course "computer application foundation", this part of the students can spend more time and energy to a higher level of computer courses, such as: VB program design, image processing, and other practical courses.

3.2 "Computer application foundation" stratification teaching content

For different levels of classes, the same teaching content, teachers should be in accordance with the conditions for different levels of class's and grade's students. Such as: for secretarial class students of liberal arts, after graduation, engaged in administrative secretarial more so, Office of "computer application foundation" course teaching content should focus on the word to make official documents, letters, unit internal publication list, Office supplies, and fax, etc., and weakening the content of the computer network technology, multimedia technology; For science students in mathematics and applied mathematics class, education jobs after graduation is more, therefore, Office teaching content in addition to master the basic knowledge of the Word, should focus on the Excel function and formula editor, use of database functions, and network technology, database technology as the main content., of course, at the same time in the layered teaching content, the appraisal of students should also take the appropriate way of layered evaluation and at the same time.

"Computer application foundation" in stratification teaching content, teachers put forward higher request to me, the teacher should not only master the knowledge of "computer application foundation" lesson, but also to understand the needs of the different professional knowledge about computer. But I think, as long as you have the right ideas, opinions, our teachers will try to do it.

3.3 Strengthen the practice operation, implement the idea of "experimental learning"

In view of the present theory, computer operation course in question, I think we should increase the time of computer operation, under the guidance of the concept of "experimental guide learning", all teaching arrangement in engine room equipped with multimedia devices, the teacher lecture to streamline, will be more time for exercise, environment so that students can experience the theoretical knowledge in practice, increase the enthusiasm of students' learning. Embody "practice is the precondition of application of" the basic teaching idea, truly implement the concept of "experimental learning". Of course, truly implement the idea of "experimental learning", we need to
have the teaching environment of form a complete set.

In a word, computer application basic course in colleges and universities teaching quality directly affects the quality of future talent cultivation, belong to the local colleges and universities in our school, the teaching reform of computer application basis there are many ways for us to explore and experiment. We will make the school to learn from the successful experience of other universities, combining the characteristics of our school, trying to explore a feasible method, so as to cultivate high quality talents that are in accordance with the time development.

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