Research on Aesthetic Thinking and Computer Courseware Design of Higher Vocational Aesthetic Education Based on Information Perspective

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Abstract. The current period is in the soft period of software aesthetic education course teaching in higher vocational colleges. The traditional teaching mode cannot meet the needs of students for ever-changing knowledge, and there is also a lack of effective communication between students and teachers. By analyzing the specific situation of aesthetic thinking in higher vocational colleges in China, this paper explores the making and application of software aesthetic education course teaching courseware of contemporary higher vocational colleges by taking Adobe InDesign software as a case for readers' reference.

Keywords: Aesthetic Thinking, Teaching Courseware, Adobe InDesign Software

1. Introduction

In recent years, the rise of aesthetic thinking, micro-class and other teaching modes has become an important way to reform teaching. However, this teaching mode, which reverses the learning in class and activities after class, on the contrary, improves the teaching efficiency of the classroom to a certain extent, so it is widely welcomed in various higher vocational colleges in China. This paper starts with the making and application of Adobe InDesign software's aesthetic education course teaching courseware, and adopts the way of aesthetic thinking to carry out teaching design and practice, so as to provide reference for the development of software aesthetic education course teaching in higher vocational colleges.

2. Current situation and problems of aesthetic education course teaching in higher vocational colleges

2.1. The updating speed of traditional textbooks is too slow and teaching lags behind

Our country in recent years, since the education system in the development and changes, and it also gives the opportunity to study more students to continue to learn, but because more students study foundation is bad, the overall student body structure is more complex, which leads to many good and bad are intermingled of candidates for vocational colleges at present stage, the knowledge of traditional textbook system and the content renewal speed too slow, tend to be 3 years, 5 years to make a whole change, will not be able to adapt to the development of the current era, also can't satisfy
the student to the knowledge of the latest version of the curricula, and take on the characteristics of the lag of teaching.

2.2. Traditional teaching mode cannot meet the needs of individual differences

The main body of the traditional teaching mode is based on teachers' teaching, and teachers in the mode of "teaching blackboard writing +" explanation and demonstration of teaching steps, the students in the whole process is more passive listening, can't very understanding every knowledge point, in the long run it is disadvantage for the development of teaching.

![Figure 1](image)

**Figure 1.** Analysis of the development of traditional aesthetic education.

However, in the traditional teaching class, the teacher's explanation time is very limited, and the demonstration and operation cannot be repeated for many times. As a result, if students are stuck or have problems in a certain step in the whole process, they may not keep pace with the operation and learning of the whole class and thus lose interest in the class. On the whole, the validity of classroom time and non-repeatability in traditional teaching mode make it difficult for students to study and review.

2.3. The communication between teachers and students is not timely and the learning process is closed

In the traditional classroom teaching, there is little communication between teachers and students, and most of the classroom time is occupied by teachers' explanation and demonstration of course knowledge and students' self-practice. The communication between students and teachers is relatively small, so when the students of a certain knowledge point wondering after not timely feedback and consulting platform, lead to the students' learning and teachers' teaching as a whole, teachers are hard to understand to each student's learning situation, teaching as a whole no pertinence, for the development of students' learning interest and learning effect is larger.

3. Concept development of aesthetic thinking and application of Adobe InDesign software

3.1. Development and Application of the concept of aesthetic thinking in China

The concept of aesthetic thinking was born in 2007, when two high school teachers in the United States filmed video tutorials for their students so that they could learn lessons they had missed at home. This way of teaching is quite different from the traditional teaching mode. It is a kind of teaching mode that "reverses" the students in and out of class, and it has achieved some results.
Secondly in classroom teaching, the teacher according to the problems found before class to organize students to discuss, in the interactive discussion to solve the problem, and further tasks, students can independently explore and the team cooperation, to complete the process of knowledge gradually internalized, teachers in the process of the whole and individual tutoring; Finally, after the end of the course, teachers can select more excellent works for display, and students can complete the in-depth consolidation and expansion of knowledge after completing the tasks assigned by teachers.

3.2. Design of software aesthetic education course teaching courseware in higher vocational colleges

Before using Adobe InDesign courseware need overall analysis of the characteristics of the learners, this paper selected investigation object is the foreign language major, junior and learning before two years of study has been in contact with the aesthetic teaching mode of thinking, have the ability of reflection and feedback, at the same time of Adobe InDesign courseware learning has certain knowledge reserves, more conducive to the development of teaching. For example, the traditional English teaching in higher vocational colleges only conveys English knowledge through teaching materials, but lacks the expression of the broad social background behind the articles, which is detrimental to students' ability to master the practical application of English. The courseware for aesthetic education curriculum made by Adobe InDesign software contains the knowledge of social culture, geography and history of many countries, which can effectively help students get familiar with and understand the whole world. Through English reading, students can more intuitively understand the profound cultural background of English-speaking countries, and they can better use English by getting familiar with and understanding the cultural background of different countries.

Because Adobe InDesign of aesthetic teaching courseware overall focus more clearly, the key knowledge be clear at a glance, so in the teaching of English reading training and allow students to change the position of traditional learning, change from passive to accept knowledge become the main part of the reading teaching, teachers are as curriculum design and supervisors should play a guiding and coordinating role of student learning. At the same time, when selecting and making teaching materials for Adobe InDesign course, students should first read real newspaper materials and integrate them into the teaching process, so as to maintain students' enthusiasm for English learning.

4. Application of aesthetic thinking concept in Adobe InDesign software aesthetic education course courseware making

4.1. Establish the teaching concept of "teaching students in accordance with their aptitude"

The language and culture of information transmission occupies an important part of the whole communication process and has different characteristics for professional occasions. The teaching idea of "teaching students according to their aptitude" plays a decisive role in the development of higher
vocational colleges as the key and foundation of teaching. At the same time, many students can experience the unique melody and image beauty in the article materials through extracurricular reading, and can more deeply understand the language bottleneck restrictions, so as to stimulate their deep desire for independent language learning. But at the same time, many aspects of English reading teaching need to be realized with the help of Adobe InDesign courseware. During the learning process, students can have in-depth thinking with the help of context and courseware layout design, which is of great benefit to students' reasoning, reflection and summary ability.

4.2. Further optimization and improvement of curriculum system
At present, the courses generally carried out by higher vocational colleges in China include public basic courses, professional orientation courses, professional basic courses, professional core courses and practical courses, and different schools have different emphasis on talent training. The curriculum of public foundation pays more attention to training the basic quality and knowledge ability of talents. Professional basic courses and core courses are carried out from the two aspects of professional literacy foundation and professional knowledge advanced training, while practical courses focus on the cultivation of students' practical application ability and the development of their innovative ability. These five courses complement each other. However, in the survey, we found that there are also many problems in the curriculum setting and implementation of the application of "aesthetic thinking" mode in higher vocational colleges, such as the unreasonable opening time of public basic courses in The Beijing-Tianjin-Hubei region, and the lack of pertinence in the curriculum content, which needs to be further, improved.

4.3. Improve students' ability of practice and innovation
At present many higher vocational colleges in the process of cultivating professional talents, in order to further enhance graduates to meet the needs of the development of the society, in the setting of the talent training scheme of are gradually pay much attention to students' extracurricular practice education, including the production of graduation project, the education innovation, learning activities, as well as some organized, clear goals of social practice, etc.

4.4. Standardize the curriculum setting of "Aesthetic thinking"
In the new teaching mode of "aesthetic thinking", higher vocational colleges should adjust the corresponding reasonable specialty according to the actual situation and carry out standardized teaching. And in the teaching process to establish the business ability is strong, professional knowledge, rich management team, thus seriously review has the professional teaching plan, teaching method of "aesthetic thinking" also need strict screening, the aesthetic education of teaching courseware based on Adobe InDesign software overall focus more clearly, can according to the actual situation to reduce to a great extent "aesthetic thinking" and the gap between the actual teaching, implement the basic teaching of the overall enhance student's post suit ability and professional quality, In the whole teaching of "aesthetic thinking", it is also necessary to establish an effective mechanism for students' self-evaluation, group evaluation and teacher evaluation, so as to carry out practical reflection on teaching and improve the quality of teaching.

5. Conclusion
With the wide application of "aesthetic thinking" in higher vocational colleges, such a teaching model can help teachers improve the utilization rate of the classroom and effectively enhance students' interest in learning. In the traditional classroom teaching, the communication between teachers and students is very few, most of class time have also been used in the interpretation of curriculum knowledge presentation of the teachers and students self-practice, for the development of students' learning interest and learning result is larger, the aesthetic education of teaching courseware based on Adobe InDesign software overall focus more clearly, can according to the actual situation to reduce to a great extent "aesthetic thinking" and the gap between the actual teaching, is a flexible and
effective teaching mode.

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