

Computer-aided design Photoshop Curriculum ideological and political construction and teaching inquiry

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Abstract. Setting up morality and cultivating people is the core task of higher education. It is of great significance to promote the ideological and political construction of professional courses in an all-round way, to train high-quality talents with professional ethics, to construct a new pattern of education and to realize the dream of a strong nation, the ideological and political construction of the course Computer-aided design Photoshop, in-depth analysis of the problem, probe into the path of construction in the light of the problems, to clarify the core content of ideological and political education, focusing on the main ways and methods of ideological and political construction of the curriculum, To truly make moral tree people, moral education.

1. Introduction

The course ideological and political construction in colleges and universities is the key to carry out the fundamental task of setting up morality and cultivating people, to train excellent high-quality personnel, It is of great significance to construct a new pattern of education and realize the dream of education power. Curriculum ideology has been widely advocated in recent years, As a new teaching idea, it has attracted much attention. Different from the traditional ideological and political courses, the course thought politics is will the mainstream value outlook on life imperceptibly melts in the specialized course teaching process. The function of curriculum ideology and politics can not be replaced, all kinds of curriculum professional knowledge and curriculum ideological and political through deep integration, sound knowledge system, to break the deviation of the ideological and political course which is the subject of ideological and political education, in-depth understanding of ideological and political education is not only implemented in the ideological and political curriculum, more should be the ideological and professional integration, integration of ideological and political implementation and practice^[1]. On the one hand can achieve the ideological and political curriculum in-depth personnel training process, on the other hand, sound curriculum to establish people, moral and technical education mechanism^[2]. Therefore, it is very important to integrate the ideological and political education into the teaching of professional courses.

2. The present situation of ideological and political construction of Computer-aided design Photoshop course

With the development of computer technology, with the help of computer means to achieve a variety of design that is convenient and fast, functional perfection and to meet the needs of all sectors of society, therefore, many design-related majors have courses for Photoshop Software. Computer-aided design Photoshop as a professional course, the course of ideological and political education is also difficult to be an independent course, often through the relevant chapters and knowledge points of learning to infiltrate the teaching, through the classroom teaching model in the Computer-aided design Photoshop curriculum into the "Course ideological and political" this element, it is of great significance to cultivate students in an all-round way. As a practical operation-based professional basic courses, more should be integrated into ideological and political elements, the curriculum ideological and political, theoretical knowledge and practical operation are combined. It is of great value to shape students' correct values and outlook on life, cultivate good professional ethics and enhance cultural self-confidence, and can comprehensively improve students' comprehensive quality. However, the traditional teaching mode of Computer aided design Photoshop cannot adapt to the development requirements of the new era, so the reform is imperative.

At present, the teachers of Computer-aided design Photoshop are not strong enough in their ideological and political awareness, lacking the corresponding ability and skill to carry out ideological and political education, it can mainly include several aspects: First, the ideological and political consciousness of the curriculum is not strong

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enough. Subjective lack of attention, the relevant production measures are not perfect, professional teachers have a one-sided understanding of ideological and political education in curriculum teaching, not clear ideological and political education objectives, ideological and political teaching content is not targeted, and the degree of integration with professional courses is not high, thinking about politics for the sake of thinking about politics, it is difficult to realize that ideology and politics are the extension of teaching content^[3]. The second is focus on employment orientation, neglect the comprehensive improvement of professional ethics quality^[4]. Computer-aided design Photoshop as a key professional course of art design, due to the pressure of employment, students tend to be more motivated when studying this course, therefore, they focus more on the study of professional skills, ignoring the content of the ideological and political part of the curriculum. It is generally believed that the learning of ideological and political content is optional, resulting in insufficient attention to professional ethics and values. Third, the lack of in-depth exploration of curriculum ideology and politics. The course of Computer-aided design Photoshop lays more emphasis on practical guidance in the teaching process, often through practical cases, the theoretical knowledge is integrated. However, in the practice process, the ideological and political resources of Computer-aided design Photoshop course were not fully explored to further enrich the education mechanism. The teaching reform of ideological and political teaching in the course was not significant, and the emphasis on case practice made ideological and political education become a form. At the same time, there is a lack of ideological and political activity design suitable for the teaching objectives of the course. The teaching methods of teachers have a great influence on the education of "curriculum ideology and politics". However, due to the current situation of exam-oriented education, teachers often supplement knowledge points in the teaching of Computer-aided design Photoshop in art and design majors in order to impart a large amount of knowledge in a short time. This kind of education is very unfavorable to the cultivation of students' initiative and the improvement of comprehensive quality^[5]. In the explanation of ideological and political knowledge points involved in the course, the teacher will mainly explain the corresponding content of Computer-aided design Photoshop, but it is not fully connected with the ideological and political content, and many of the explanations are based on the textbook teaching method.

3. Effective way of ideological and political construction of Computer-aided design Photoshop course

3.1. Standardize the system and measures related to curriculum ideology and politics from top to bottom, and enhance the curriculum ideology and politics awareness of professional curriculum teachers.

The overall design of "curriculum ideology and politics" needs to be comprehensively and carefully considered, from the top-level design of the system, to the final implementation of the effect of Lide tree, university leaders and management should make careful planning and decision-making, only their attention and supervision measures can directly affect the effective development of "curriculum ideology and politics"^[6]. Therefore, it is necessary to strengthen the organizational guarantee and deepen the reform and innovation of school ideological and political courses. On the one hand, it stipulates the implementation of the ideological and political system of the curriculum. The operation of the system should be implemented through normalized classroom monitoring means, or expert inspection of lectures is an important evaluation item, let teachers of professional courses reflect ideological and political elements in the course of Computer-aided design Photoshop, let the teaching content and ideological and political education achieve effective combination. On the other hand, it is not only required to reflect ideological and political elements in the teaching materials, but also required to reflect the content of the ideological and political part of the curriculum in some teaching competitions, so as to enhance the curriculum ideological and political awareness of professional teachers, strengthen the importance of curriculum ideology and politics. Finally, the teaching evaluation mechanism needs to be further improved, ensure that ideological and political content can be perfectly integrated into the whole process of education and teaching, teaching evaluation system can realize the stimulating and regulating effect on curriculum teaching, from top design to bottom implementation, only in the existing teaching evaluation and related incentive mechanism to clarify the ideological and political education status of the curriculum, the system of detailed evaluation content of the curriculum ideological and political ideas can make the curriculum ideological and political ideas continue to advance^[7]. To ensure that the course of ideological and political teaching deeply in the consciousness of all teachers, so as to be widely used.

3.2. Guided by the teaching purpose, we should improve the teaching methods, exert the subjective initiative of teachers themselves, and promote the integration of ideology and politics.

In the teaching process of Computer-aided Design Photoshop, teachers of specialized courses should strive to be involved in the situation, stay in the matter, and achieve

the effect of the integration of knowledge and action, body and mind. Computer Aided Design Photoshop is a practice-rich course that uses theory to guide practice. We need to constantly update the teaching concept, improve the teaching methods, and innovate the classroom teaching environment and forms through new teaching methods such as case teaching method, problem-driven method, inquiry teaching method, online and offline hybrid, flipped classroom, and situational teaching method. At the same time pay attention to the characteristics of Computer Aided Design Photoshop course, in combination with actual case projects, a team is formed to stimulate students' independent initiative, cultivate the sense of collective cooperation, and jointly complete the case tasks, laying a good foundation for the actual employment in the later stage.

On the basis of teaching theoretical knowledge, teachers of Computer-aided design Photoshop should fully embody their own subjective initiative. Only by applying theoretical knowledge to guide the construction of "curriculum thinking and politics", can the theory be organically integrated with the practical teaching of the course, and the comprehensive quality of professional ethics and the cultivation of knowledge ability be fully integrated, so as to achieve the relevant requirements of teaching objectives^[8]. In the teaching process of Computer-aided design Photoshop, the two main lines of professional knowledge and curriculum ideology and politics should run through the whole time, make full use of teaching methods and educational art flexibly in the preparation of the course, integrate the value of life with the imparting of knowledge, and embody the shaping of life value everywhere in the process of imparting knowledge. Therefore, the improvement of teachers' ideological and political literacy of Computer-aided Design Photoshop can achieve the result of imperceptibly shaping students' correct values^[9]. At the same time, we should pay attention to the cultivation of disciplinary literacy, mainly referring to the in-depth understanding and mastery of computer-aided Design Photoshop course. The cultivation of teaching quality mainly refers to whether the teacher's teaching attitude is correct and responsible, and whether the teaching method is scientific and reasonable; The cultivation of ideological and political accomplishment mainly refers to whether the ideological and political concepts are correct and whether to participate in the implementation of the concept of "curriculum ideological and political". In the process of talent training in colleges and universities, teachers of specialized courses often have more time to fully communicate with students, and the general impact on students is deeper than that of teachers of ideological and political courses. Therefore, they should give full play to their ideological and political roles, be qualified leaders of values and outlook on life, and shoulder the responsibility of comprehensive education for students^[10].

3.3. Pay attention to the overall design of course content, dig deep into the ideological and political education content of the professional course Computer Aided Design Photoshop, deeply integrate into the teaching process, and improve students' comprehensive literacy.

According to the teaching content of the course, excavating and refining the appropriate ideological and political materials is the basis of realizing the teaching goal of the course and achieving the education function. The mining of ideological and political materials is the extension of knowledge content, and it should be reasonable and moderate, not far-fetched or plagiarized^[11]. In the course of Computer-Aided Design Photoshop, while mastering the design language, its expression and basic knowledge, students are guided to use software to design and draw, so as to better engage in future art and design work and become reliable builders of socialism with Chinese characteristics. Master the comprehensive tool operation of Computer Aided Design Photoshop software, and appreciate some excellent plan work and classic design works, the design concept and form characteristics of these works are analyzed and expanded. The setting of different themes and the understanding of personality, so as to guide students to understand the traditional Chinese culture, combined with the curriculum, promote the craftsman spirit, the spirit of innovation, patriotism education, establish a correct outlook on life and values, and cultivate the consciousness of innovation and creativity. While telling the knowledge points and skills, the inner cultural spirit of the touching story of the humanistic spirit is integrated into it, and the effect of wetting things is very good. For example, in the production of environmental public welfare posters, training students to love the environment and wildlife, patriotism, love home feelings. Take the traditional Chinese festival "Mid-Autumn Festival" as an example to design illustrated greeting cards, spread correct values, inherit and promote Chinese traditional culture and cultural confidence. While cultivating students to have a correct aesthetic taste and love traditional Chinese painting forms, they also pay attention to the spirit of originality and the spirit of craftsmanship of excellence.

4. Computer aided design Photoshop course ideological and political teaching design

4.1. Teaching method design

The ideological and political teaching design of "Computer Aided Design Photoshop" course adopts the online and offline mixed teaching mode before class + during class + after class. The teaching process adopts the form of lecture demonstration, student operation practice, teacher tour guidance, teacher summary and so on. Form the interaction between teachers and students and between students, so that students can fully participate in the whole process of teaching, reflecting the concept of student-

centered and teacher-guided. By combining theory with practice, it can effectively stimulate students' subjective initiative in learning. Through the reference of ideological and political elements and teachers' reasonable guidance to achieve the goal of ideological and political education.

4.2. Teaching activity design

The ideological and political teaching activities of Computer-Aided Design Photoshop course include three stages, namely self-study before class, interactive discussion during class and consolidation and improvement after class.

4.2.1. Self-study before class

Before class, teachers use the App "Learning Pass" to assist in teaching. By Posting learning tasks on "Learning Pass" and uploading learning resources such as videos on the platform, it is convenient for students to freely choose fragmented time to watch learning materials and prepare for self-study (Fig.1), exercise students' ability of organizing materials, communication, expression and teamwork. At the same time, the learning results test is published in the "learning Pass", it is not only convenient for teachers to grasp students' preview situation and summarize the important and difficult points of the course, but also can cultivate students' ability to think diligently, find problems and solve problems.

Name	Video viewing	Total Viewing time	Ruminant ratio	Completion time
Xiyang Li	 Details	28.0 minutes	119.39%	2020-02-24 16.23
Jiaping Lin	 Details	4.5 minutes	19.24%	2020-02-26 11.07
Li He	 Details	24.4 minutes	103.97%	2020-03-02 11.06
Xiao Huang	 Details	23.4 minutes	99.98%	2020-02-24 10.43
Yihe Xia	 Details	22.7 minutes	96.73%	2020-03-01 15.32
Ge Zhang	 Details	26.0 minutes	110.83%	2020-02-24 08.23
Jihui Ren	 Details	0.5 minutes	2.22%	2020-02-24 12.52
Jin Huang	 Details	26.3 minutes	112.16%	2020-03-02 13.24
Yuxi Wang	 Details	17.3 minutes	74.03%	2020-02-20 16.50
Ping Yang	 Details	21.8 minutes	93.0%	2020-03-02 08.54
Min Lian	 Details	0.8 minutes	3.61%	2020-03-02 08.31

Fig. 1. Students' autonomous learning situation.

4.2.2. Interactive discussion in class

Interactive discussion learning in class is offline teaching. In class, teachers should first evaluate students' self-study before class, answer existing problems, and praise those students who have made great progress in preparation, so as to increase students' confidence and interest in learning.

Secondly, through group discussion and cooperative exploration, students can discuss the important and difficult points of this course, and cultivate students' ability of teamwork, independent thinking, language expression and independent problem solving;

Then, through the case teaching method, the important and difficult points of the course are explained and demonstrated in detail. Try to choose representative

ideological and political cases. For example, when talking about photoshop software "matting Settings", environmental public welfare posters can be introduced to cultivate students' feelings of caring for the environment and wildlife, patriotism and family; When talking about the "drawing tool" of photoshop software, the traditional Chinese festival "Mid-Autumn Festival" can be introduced into the illustration greeting card design, so as to spread correct values, inherit and carry forward traditional Chinese culture, and increase students' cultural confidence; When talking about the tool of "Layer style", the case of "ink painting" in the Chinese traditional festival is introduced to train students to have the right aesthetic taste, love the traditional Chinese art form, and pay attention to the spirit of originality, rigorous and meticulous craftsmanship and excellence.

Finally, teachers display and evaluate students' classroom works. In the process of display, students can see the advantages of others and make up for their own shortcomings. In the process of evaluation, students can also increase their self-confidence and learning fun.

4.2.3. After-school reinforcement

After correcting homework through the platform, teachers can analyze students' mastery of different question types through background data and provide targeted guidance. After class, students can also view the expanded learning materials uploaded by teachers on the platform to consolidate and improve the learning effect of students and realize the awareness of lifelong learning.

4.3. Teaching evaluation design

The teaching of computer-aided Design Photoshop is a teaching evaluation system of self-evaluation, student evaluation, peer evaluation and supervision evaluation, which not only evaluates the result, but also considers the process evaluation. With the emphasis on the mastery and application of knowledge points and the proficiency of operational skills as the evaluation criteria, such a comprehensive evaluation enables the records of each link of the classroom to be accurately counted. The background data is also comprehensively recorded and shared in the course discussion area in real time (Fig.2), so that teachers can grasp the learning dynamics of each student, carry out personalized teaching in a targeted way, and teachers can quickly make teaching adjustments.

Please enter your student number and name		Total student population (25)					
Student name	Student number/job number	Number of tasks completed	Video viewing time	Discuss	Number of chapter studies	Details	Learning report
Yali Zhang	179085	18/52	79.0minutes	3	76	View	View details
Zhuanghuang Su	179099	18/52	54.9minutes	2	26	View	View details
Xinshuang Chen	179907	18/52	66.5minutes	2	13	View	View details
Chenghui Li	179234	18/52	38.9minutes	3	14	View	View details
Xiyang Li	179235	18/52	66.9minutes	0	17	View	View details
Meng Zhou	179240	18/52	41.7minutes	3	31	View	View details
Yuxi Wang	179352	18/52	67.0minutes	2	20	View	View details

Fig. 2. Background data: Student participation in the course

5. Summary

Computer Aided design Photoshop is a professional course rich in theory and heavy in practical operation. How to better in the Computer aided design Photoshop course ideological and political integration into the teaching, has been particularly important. At present, the overall research on "curriculum thinking and politics" in the course of Computer-aided Design Photoshop is gradually improving, only a good combination of ideological, political and professional skills in the curriculum can improve students' comprehensive quality while cultivating professional skills, help them establish feelings of home and country and professional quality, and realize the same direction of knowledge imparting, skill training and value guidance and synchronous implementation. Professional course teachers are the main body of education in the construction of "curriculum ideology and politics" and the first responsible person of classroom teaching, we should internalize curriculum ideological and political construction, make the ideological and political construction of Computer aided design Photoshop course into salt and taste, play the main role of "curriculum thinking and politics" construction process. As an executor, I actively participated in the whole process of ideological and political education teaching of Computer aided design Photoshop professional course.

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