

Application of Hand-Painted Expression in Environmental Design Teaching

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Abstract: *With the development of the digital age, the application of information technology has become more and more popular, and the impact of information technology on all walks of life is also deepening day by day. It also provides a higher and broader learning platform and exploration space for the environmental design major in colleges and universities. In this context, the relevant teaching links and teaching contents of the environmental design major must be optimized and adjusted, and the hand-painted teaching of the professional skills has become an important reform content. This article expounds the practical significance of hand-painted expression in the current teaching of environmental design specialty, and clearly puts forward the guiding strategies to assist students in hand-painted expression in the teaching of environmental design specialty.*

Keywords: *Environmental Design, Hand-painted Expression, Application*

1. Introduction

With the continuous development of living standards and social economy, people's demand for the aesthetic feeling and artistic sense of the living environment atmosphere continues to improve. The society has a great demand for talents in environmental design, which promotes the development of environmental design. In addition, the continuous in-depth integration and application of information technology in the teaching field also drives the progress of environmental design. In the creative expression process of environmental design, computer and information technology cloud painting have become the main painting methods, and hand-painted expression has been gradually abandoned, which make students' hands-on ability and actual hand-painted expression ability weak. In view of this, more professional teachers, experts and scholars have carried out the readjustment of the hand-painted teaching of the environmental design major, committed to improving students' professional hand-painted ability[1].

2. The significance of hand-painted expression in environmental design teaching

2.1. Assisting to expand students' design thinking

As an important way for people to learn from birth and express their thinking ability, hand-painted ability is of great significance for both people's learning process and the expression of relevant thinking patterns. As a necessary basic skill in the teaching curriculum of environmental design major, hand-painted teaching is mainly to enable students to systematically learn a kind of hand-painted ability, help students show relevant design ideas and artistic inspiration in plane graphics or the real world by hand drawing. [2]Compared with the application of information technology, hand-painted expression can expand students' design thinking and assist students to complete relevant art design work. Because students need to concentrate on showing their creative thinking and design inspiration in the form of paper and pencil when they express real hand-painted expressions. In the process of drawing, it is also a process for students to mobilize their own thinking mode for deep thinking.

2.2. Solving the basic problems in the design process

For the teaching process of environmental design major, the key and difficulty is to show the relevant design content and inspiration in students' minds and apply them to the practice of life design. In the expression of inspiration and creativity, due to the lack of students' relevant consciousness and practical construction ability, many times there will be some basic technical problems, such as spatial perspective, light shadow, etc. These detailed contents are the factors that determine whether students' relevant

creative expression works can truly present real life. Through the improvement of students' hand-painted expression ability, students can be assisted to accurately and effectively show relevant creative thinking in drawings. The drawing process is also a process for students to solve these detailed problems. In the process of painting expression, the students can realize that some art designs are difficult to show through today's industrial technology.

3. Guiding strategies to assist students in hand-painted expression in environmental design teaching

3.1. Targeted learning and training

Although the professional content of environmental design involves the field of art, the proportion of professional painters in most of the student groups of environmental design is small, and some students have weak basic painting skills. This problem affects the accuracy of students' expression in hand-painted expression. Therefore, in order to improve the ability of students' hand-painted expression in the teaching of environmental design, it is necessary to carry out corresponding targeted learning exercises, and guide students with weak painting skills to master the basic ability of hand-painted expression through conscious practice. When students master the most basic painting ability, they can really carry out the corresponding painting process, and accurately present the relevant content of their creative thinking in the painting book or real life[3].

For example, for the basic practice of students' related modeling painting, we should first guide students to observe and reflect on the related objects, understand the spatial configuration of the objects and the perspective principle shown by applying the painting angle, so as to accurately help students reflect the spatial configuration in their minds on the screen. Therefore, in the basic course of improving the expression ability of hand-painted, we should focus on improving the sketch ability of students, through the application of architectural space, leaves and even actual real life scenes in the actual teaching classroom, students can understand the spatial perspective of objects. When students master the basic principle of spatial simultaneity, they can show the three-dimensional objects in their minds and realize the presentation process of the final artistic design.

3.2. Reasonable planning of teaching hours

In the actual teaching class arrangement of environmental design major, the past professional class hours did not pay attention to the improvement of students' hand-painted expression ability, so many times the teaching class hours for basic hand-painted ability are relatively few, so if you want to cultivate the hand-painted expression ability of students majoring in environmental design, you need relevant professional teachers to consciously adjust the teaching class hours and add some hand-painted actual teaching in students' learning class hours. Only in this way can we ensure that students have a clear understanding of the relevant basic hand-painted ability, and can we ensure students' basic hand-painted expression ability.

In addition, hand-painted teaching courses serve the whole process of environmental art design. Therefore, in the planning and arrangement of relevant classes, dynamic adjustments should be made according to the actual learning status and actual learning content of students in different periods and stages. The improvement of students' basic hand-painted expression ability cannot be simply understood as the improvement of students' painting skills, and turn the hand-painted expression course for students into a process of guiding students to mechanically copy actual objects. The major of environmental design itself is a major with strong requirements for students' thinking ability and artistic creative inspiration ability. Therefore, when teaching students' hand-painted courses, it is necessary to consciously give play to the artistic inspiration in students' minds and show it in hand-painted teaching classes to improve students' ability.

3.3. Cultivation of comprehensive hand-painted expression ability

The expression of hand-painted doesn't just need to draw by hand in the literal sense, because the major of environmental design itself belongs to an intersecting and composite professional content. It not only requires students to have a basic understanding of relevant environmental concepts and art display forms, but also requires students to be able to present their own environmental design content through corresponding art display means, such as sketch or watercolor. This reflects the comprehensiveness of

hand-painted expression ability in environmental design major. In order to achieve the improvement of this comprehensive ability, we must adjust and reflect from many aspects.

In the study and life of students, assist students to cultivate a pair of eyes that are good at discovering beauty, so that students can feel the artistic inspiration in life in their daily study and life, and realize the guidance of students' inspiration and the improvement of artistic thinking on the premise that students master basic skills through the expansion and technical training of relevant professional content, so that students can get rid of the design misunderstanding of imitation and repetition, and truly cultivate students to become designers with their own creative inspiration rather than imitators.[4]

3.4. Promoting learning by competition and participating by learning

One of the various competitions in environmental design is practical expression, which has various means but is based on the continuous revision and deepening of design sketches. Participating in relevant competitions is not only a test of students' design ability, but also an important way to build design confidence, which is of great practical significance. The application scenarios of hand-painted expression are diverse. The auxiliary expression of scheme thinking, rapid recording and adjustment of creative direction, combined with mind mapping, participate in the practice of design scheme in the whole process. Summarizing the means and methods of creative design expression in the competition can effectively promote the learning initiative of students majoring in environmental design. The improvement of participation enthusiasm comes from the comparative evaluation of competition works. Finding their own problems, learning from good ideas and performance means can effectively promote students' learning enthusiasm, and truly promote learning through competition and participate in learning.

3.5. Cultivate students' aesthetic taste, and establish a hand-painted space framework

In the process of cultivating students' ability of hand-painting in environmental design, First of all, let the students understand the meaning of the body, light and shadow, color and its composition law, As the students learn the relevant methods and skills among the teachers, We should pay more attention to watch the relevant design draft, In order to form a unique feeling of the picture, And their own design concept and ideas from the traditional thinking, Being able to draw by hand, Vivid image to show others their own design concept and the effect of the works, Accurately grasp the spatial characteristics, modeling style and material texture and other elements, Flexible university use of painting skills and methods that teachers speak about in class, accumulated experience in the design process and improve their relevant painting skills. Subject teachers need to start from many aspects, Cultivate students' professional design literacy, Let students to comprehensively understand the relationship between hand painting and design, Do not treat the two apart, To strengthen the guidance of students, Make full use of all teaching resources and educational facilities to create a good classroom learning atmosphere, Let the students have more independent design time and space, In the process of environmental design, they cannot combine their own ideas, Hard indoctrination into the minds of the students, And give too much interference with the students, To give full play to their independent initiative and creativity, In order to ensure the optimization of the actual teaching effect and the realization of the teaching purpose.

Hand-painted more test students can be their mind a moment of inspiration, quick record, and then add innovative elements, which requires designers to have a comprehensive understanding of the condition of the construction site, and from a variety of ways to collect relevant information, after processing and overall consideration, these are accumulated over time, therefore, environmental design professional course teachers need to increase more perspective training for students, help it as soon as possible to establish hand-painted space frame in the mind. Students in the process of learning, if problems need to be put forward in time and thorough analysis and thorough solution, teachers to classify students' problems summary, by showing students more space scenarios, let students to simulate, environmental color, construction technology, repeatedly measure and compare their painting become more mature, again in the process can also communicate with the class, the two sides can improve each other in the process of communication skills and learning efficiency. Students themselves should also focus on the practice of parallel perspective and Angle perspective of these two plates, in the selection of the pilot height and position on the basis of the corresponding adjustment and accurate grasp, to avoid the deformation of objects as much as possible.

3.6. Lay a good foundation of hand-drawn line manuscript, train students with color skills

Hand-drawn draft and the final environment design effect has a very close relationship between, once

in the line draft link problems, will lead to the whole design, the designer's efforts will waste, so environmental design professional course teachers in the process of hand-drawn training for students, need to help them draw draft, and teach students more methods and skills, let students can do it in the process of drawing. Of course, this is a relatively long process, both teachers and students need to pay more time and energy, not because of some setbacks. Hand-drawn manuscript description should show its fresh, simple and rational style, through the clever and smooth lines and arrangement, fully show the intention of the designer, teachers can for students with different manuscript for layered teaching, for some poor students, will let its practice the basic method, and other hand-drawn foundation more solid students, will focus on improving skills and migration application, so can realize the teaching effect, students party ability can also get full exercise.

Environmental design professional teachers to strengthen the students with color skills and picture space level of training, students should be familiar with mark and color lead coloring method, let the manuscript reflects fresh and bright and strong contrast picture effect, in the process of design, can refer to some of the more famous environmental design manuscript, learning methods and accumulate experience, can apply the knowledge learned to their own creation process. Students need to pay special attention to the hierarchy of color, to do from shallow to deep, and then in the process of processing the color, to avoid excessive realistic as far as possible, to make a high degree of generalization, and extract the essence. Teachers can encourage students to use more diverse hand-painting tools when designing manuscripts to try to show their own unique performance skills and hand-painting style, allowing students to practice with the characters, furniture and various decorations in the classroom.

4. Conclusion

In a word, the abstract content in the mind is displayed in real life through people's painting and actual behavior, which is the development of human civilization and the birth of behavioral art. This art form that breaks the space limit marks the important position of hand-painted expression in the display of related art forms. Therefore, in the development of teaching work of environmental design related majors, we must pay attention to the practice and teaching of hand-painted expression, let students improve their professional skills and artistic literacy through real hand-painted expression, and cultivate students' corresponding artistic design ability and artistic aesthetic ability, in order to promote the development and optimization process of environmental design specialty.

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