

The Application of Digital Image Technology in the Oil Painting Technique Teaching

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Abstract. Starting from the relationship between image technology and the development of western painting techniques, see image technology progress is the inner motive power of western painting techniques change many times. Oil painting skill practice at present has inevitably affected by the profound influence of the digital imaging technology. Practice has proved that the introduction of digital image method has become a key in the oil painting skill teaching seriously face the problem. In this paper, the problem also puts forward the relevant course design, hope through the course teaching system of the digital image technology, add new content to traditional oil painting skill teaching and vigor, make the digital image technology and the perfect combination of traditional painting techniques, the implementation of this vision will become the future for the development of digital painting techniques.

Introduction

Now art colleges and normal universities in the fine arts, oil painting teaching basic skills or painting as the main form of the traditional teaching methods. There is no doubt that sketch is to improve students' ability to shape the basic means. But in the process of the oil painting creation, there is no prescribed routine optional, innovation is the best way of creation. After the reform and opening-up policy, the oil painting creation present a good situation of flowers, especially the "father" and so on one batch of Luo-zhongli creation realism style works bring Chinese oil painting techniques into a new historical period. Realism creation style in turn affect the realism of the sketch teaching way, even the super realistic painting works itself is successful oil painting works. In terms of painting techniques, painting techniques is undoubtedly the most complex type of all, it is in addition to the complexity of material itself, also combined with the anatomy of the perspective and a series of laws of visual recognition[1].

Since the birth of photography, painting in the face of such a "unfair competition", like to have a clever naughty children, angry and love. Especially in recent years, the growing impact of image of oil painting creation, so that we have to accept this reality. For some of the creator, data obtained with image oil painting need is the secret of success for a painting works. Now, we are increasingly clearly in an era of reading, teachers and students have the involvement of the digital image is unable to avoid the potential impact on the traditional oil painting teaching. Rather than avoid them, positive face.

From theory, this paper on the one hand, digital imaging technology for the necessity of oil painting skill teaching, on the other hand digital imaging technology to oil painting techniques were discussed from practice teaching reform of curriculum structure of operability.

Oil Painting, Western Painting Art

Oil painting produced in Europe, was introduced into China has 400 years of history, but in the real land begins to take root, blossom and bear rich fruit, is nearly a century. Art makes life flash, artistic beauty is the human eternal yearning and pursuit. Oil painting style is varied, including realistic oil painting is in two dimensional plane, lifelike three-dimensional object will appear. Abstract oil paintings by color, line and space performance, composition in different ways, make the picture a sense of rhythm, which expresses the artist's inner world. Optimization features: able to performance object complex tone level, with the advantages of clear, deep and rich. Painters use

toning color of thin and thick oil control, quick drying and slow dry; Thickness of layer of the color contrast, the change of brush strokes are used to produce topic content need image texture; Color has a strong covering power and certain plasticity, can one-time complete, can repeatedly to paint again. Oil painting has the characteristic of easy collection and preservation, color after dry, solid and durable, while saving the wrong damage, still can repair, hundreds of years after the good work, still glorious takes a person, is ever new. The realistic oil painting is a kind of imitation art, the art reflect everywhere reason under the guidance of the scientific nature, it pays attention to real physical space, use of light and shadow, color, and other means to shape the image area. Artist attention is mainly object appearance shape, rather than art director in the empty feeling and experience.

The Oil Painting Techniques

The value of traditional classical oil painting is that it will be the strength of the fabric order convergence in the strength of the order volume, light and shade, and produce a kind of extremely harmonious beauty.

Relatively speaking, classical painting with more rigorous composition, delicate and bright natural color of light and shade relations. It is gorgeous color. When we stop to appreciate a painting works, first consider whether it is attractive, very few people pay attention to how it is attractive, this is the technique material do not understand, although in the past we cannot know masters is how to draw such rigorous work luxuriant appearance, but now, we are fully capable of learning through practice to appreciate the charm of ancient painting and try.

Cover dyed refers to paint diluted with toning oil or media agent for transparent or semi-transparent thin dyeing method. It is the most important traditional painting techniques and a kind of special techniques, it can directly in the form of oil painting color is moist and transparent display features and benefits, not transparent cover dye is no classical oil painting the sketch level, texture, color layers of time, the changes in temperature level. [2]We can't bring up the harmonious color in classical painting, also achieve the result of classical painting.

We know are not to be a complete classical oil painting, but by multiple coverage, hood achieve the final result. Model is the basis of the traditional painting important steps, then cover dye is the basic means of gradual. First of all, it can gradually strengthen contrast, second can strengthen the color saturation, also can make some parts at the same time in the form of color uniform, soft, finally also to strengthen the role of skin texture.

Through learning I understand painting paintings have such steps, had never learned. Masters in an attempt to make two kinds of color by color cover through visual and produce 3 kinds of color, let the work have the burnish like jewelry, give a person the sense of solemn brilliant effect. And this process is the most important step. First type accurately depict to the canvas, with big, monochrome picture form sketch in the sense of question, is essentially a starting from the overall concept. Then use the oil absorption of multi-level model deep draw the sketch relations, white shadow often painted thinner, middle tone and light are layers of thick coating, accurate as far as possible, or cover or leave, color piece contrast. To be nuanced characterization, with foil volume, space, light and shade, the actual performance levels, and even have the effect of equilibrium composition. In shaping the colour of this phase relative to shop for the first time, color, should be a few taller purity, but also can't achieve the final result, also want to dye leave room for cover, relative to the first time color, on the hue can seek from big to small changes and characteristics. Then put forward to completely dry after a week, then use without white and just be toning oil diluted paint for multi-level paints. Due to the color of each layer is thin, or directly to the original color (here refers to the inherent color not principle using simple and direct pure color palette to sum up and replace the hue of the object, but to include the color characteristics of brightness, purity, accurate grasp the tendency of a kind of color after, so including the nature of all complex hue). The lower can reveal the color, and the color of the upper formation change subtle hues. The volume of produce stable, deep feeling and space. For example on scarlet color layer mask sedate blue, can produce blue purple in combine the cold warm rich effect, it is often mixed with this

technique is suitable for performance object texture and thick feeling, especially can depict characters perfectly exquisite color changes, skin feel skin skin with blood flow.

Imaging Techniques and Painting Techniques Evolution

The origin of human civilization is the origin of the painting, reproducibility of real life has been described as the basic function of painting. Only in the early days of human, the modelling ability is driven by simply imitate, can not be reached by division DaiTu orderly technique teaching. With the progress of human science and technology, western painting has experienced four historic change. The first is the ancient greeks, mathematics, philosophy, the progress of poetics thought, formed the influence of western painting for aesthetic thoughts - golden. Golden is actually a kind of harmonious aspect ratio, this is the first time that the scientific principles into the artistic field. The second is the Renaissance, the "black by painters as auxiliary means of painting. Legend has it that leonardo Da Vinci used this tool, and leonardo Da Vinci has been think art is science. Although the camera obscura application may not be so popular, but business is able to restore real scene: the perspective of "scientific" way began to gradually influence the painter's art. At this point has been gradually formed the rigorous perspective rule of western oil painting, for the development of the western classical realism oil painting provides the powerful technical support. The third change not only has made an impact on the development of western painting, also known as a revolution in human visual life. That was in 1839, with the progress of chemical and optical technology, photography at staples, the combination of a few painters such as daguerre experiment finally invented. The invention of photography to represented by Angle of classical realism painting, put forward the serious challenge, show the painter is equal to that of realistic techniques in addition to painting and more convenient way. Photography is born, not as people imagine the speed of the effects in the world, even as western military power transmission in China. The invention of photography, conveyance in the modern academic sense of the concept of "image". Images (image), the word comes from the Latin root imitari, according to the ancient etymological explanation, contains simulation, copy is like. Images and drawings are produced by the human visual products, seem to be painting is much more subjective and more objective. However, the emergence of the image has become the western oil painting development must seriously face the historical task. In such historical conditions, the emergence of a variety of modernist school of western actually is also a response to the spread of the image products. The fourth change is the emergence of multimedia technology as the background. After the invention of photography, in a short one hundred years of history, has experienced the copperplate printing method directly, carol type negative replication technology, kodak color technology, sound film technology, digital television technology, network communication technology, video products to more than people imagine the speed of the production and transmission, multimedia video works in visual and auditory is a body comprehensive advantage held the dominant position of human visual consumption, the traditional easel painting in the human visual art the proportion to be markedly reduced. So, from the western traditional painting techniques of face again change is historically inevitable. [3] From the above four times affect the inner motive power of oil painting techniques historic changes, every time a change is inseparable.

Starting from the relationship between image technology and the development of western painting techniques, see image technology progress is the inner motive power of western painting techniques change many times. Oil painting skill practice at present has inevitably affected by the profound influence of the digital imaging technology. Practice has proved that the introduction of digital image method has become a key in the oil painting skill teaching seriously face the problem. In this paper, the problem also puts forward the relevant course design, hope through the course teaching system of the digital image technology, add new content to traditional oil painting skill teaching and vigor, make the digital image technology and the perfect combination of traditional painting techniques, the implementation of this vision will become the future for the development of digital painting techniques.

In modern times, especially multimedia digital technology rapid development of information age,

the influence of oil painting by digital image is everywhere. Can be roughly divided into several cases like this: one is based on image works creation basis, then use the traditional painting techniques for further characterization. Second, digital technology processing of image data, reusing oil painting techniques for a second creation. Three digital imaging effect is directly in the oil painting material performance, oil painting language brings out the image effect. All three of these is the application of video technology in different ways. There is no denying the fact that in the era of network digital image will be combined with oil painting techniques more and more closely.

In the daily teaching process, there have been a lot of use of a special case of the digital image to solve the problem. Such as the response to the current art hot test, especially in 2008 in shandong province only under the condition of the fine arts examinee to break through 170000, the ministry of education policies, allow the fine arts admission examination of more than five thousand people can use the form of pictures, pictures were first officially sanctioned instead of the real or true person model sketch, and, in turn, affects the art professional entrance training methods. In the creation of fine arts graduate teaching, it is safe to say most of the students in the use of digital image technology to direct the creation or collection of material. A few students even put processing good image print directly on the canvas, and then a few pen, a creation completed in less than half a day. Practice shows that the digital image technology in the oil painting creation, there is no need to hide and related technologies and problems need to be included in the normal course teaching.

In addition, in recent years, the use of the image works of others for oil painting creation, has been accused of alleged infringement of a legal dispute. Of the photography department at the China academy of art in 2009, YanYaYa borrow Xue Huake photography for two degrees creation, litigation. In 2010, zeng fanzhi borrow Steve winter, published in the American journal of the national geographic photography "snow leopard" oil painting "snow leopard", posted by netizens comparing two works, misappropriate or plagiarism problem caused widespread controversy. If the creator can obtain first-hand image material independently, will no doubt provide great convenience to creation, and increase the work of the original value.

Because of this, colleges and universities should actively adapt to the era of digital network and digital images of traditional painting, brought about by the profound changes and changing ideas, actively adjust the structure of courses, the image technology into the teaching of oil painting techniques system, based on the present, future-oriented, thereby enhancing the cultivation of student's capacity for independent innovation.

According to the Image of Oil Painting Techniques

The Photography Foundation. Photography is the foundation of all image creation, in the moment is the basic work of oil painting creation. Photography will provide first-hand material for oil painting, the dialectical relationship between in subject and content play a key role. In oil painting techniques we find such a common phenomenon in the process of teaching, when it comes to oil painting, the students first is to find the right photo, but most of the students at ordinary times no accumulation of photography, can only use the work of others, this makes the work of originality. Even if some of students can provide their entries, but the real use, will encounter a lot of problems, in terms of composition or reveal directly affect the smooth performance of the oil painting language. [4] A picture in line with the oil painting techniques of photography works are usually different from the general sense of photography, so on oil painting techniques of photography based teaching should pay attention to the following:

Effectively Control the Distortion. Image in painting creation, figurative, abstract, image different artistic forms, such as the usual sketch training basically is given priority to with figurative expressionism, so the image of the visual habit that accords with people is the basis for creation of image. As exaggerated in the oil painting language and abstract deformation, photographic lens is different from the formation of the mechanical deformation, painting creation is subjective and free, the deformation according to the need of emotional expression. The creation subject cannot be kidnapped in lens optical principle distortion effect.

Provide a Rich Details and Real Color Reduction as much as Possible. Either in the film, or the

digital sensor, light and shade tolerance level records are extremely limited, far cannot be compared with human eyes can feel tolerance. Oil painting techniques of visual experience mainly comes from the human visual habits, so the most effective reduction of colour and detail way of photography is the way as much as possible to take along the light, so that can record the details of the subject, also is advantageous to the vivid colors.

The Stability of the Full Composition Form. Professional photography composition form a lot, but not necessarily is suitable for the oil painting creation. Not specially trained students, usually unconscious photographed works in the composition section will expose a lot of defects, and deformation of serious problems such as incomplete information will make the whole process of painting on the back foot. So in the photography foundation teaching clear objectives, targeted, targeted training will make students benefit from it.

Digital Image Processing Technology. Digital image provides great convenience for the further processing of the image. Collect way of digital image by image photography, video screenshots, etc. With the increasingly rich application software, many unexpected functions are developed, greatly make up for the disadvantages of previous process, but also can provide from the digital image to the oil painting skill performance with cohesion of effective way.

Photoshop CS Related Image Processing Technology. At present, the most powerful professional image processing software is PhotoshopCS. Firstly, the software layer processing technology, can for plane combination of image data, image superposition move to provide great convenience. Secondly, the software is tonal adjustment technology has great flexibility, both as a whole is tonal to the local details adjustment applied flexibly. Thirdly, the software carries the photographic images of the original information processing technology, can pass to exposure, color temperature, such as the adjustment of the original data, as real as possible reduction of the spot light and atmosphere, and basic can do the color information are not affected.

The Painter Digital Painting Technology. Painter's art of painting software, they offer to redefine style in a variety of brushes, ink flow, pressure and the penetrating power of paper, the Painter to increase the figure painting to a new level, open up a creative painting world. Painter has impressive all kinds of brush, paper, paint, oil paint, etc. Painter bristle brush and the simulation of wet products are recognized by the international industry, can be used to create digital art is the most vivid digital painting. Digital technology mature is provide limitless possibilities for oil painting techniques of innovation.

The CorelDraw, Illustrator, and other software also can be used in the oil painting creation, is technically feasible, but need to be more skillful techniques, and the ability to skillfully use software.

Digital plate technology for digital painting provides a effective tool, can let the creator take the pen on the paper to draw back. Not only that, it can simulate all kinds of brush, the simulation of the most common writing brush, for example, when hard brushes can draw very thick lines, when the force is very light, it can draw a very thin very light line. In addition to traditional simulation effect of all kinds of brush, it can also take advantage of the computer to make use of the effect of traditional tools cannot be achieved, according to the design of pressure size map drawing, for example, only need to gently a few pen can easily draw a full size shapes of flowers gone. Digital plate technology as much as possible to simulate the drawing manual characteristics, embodies the charm of the traditional painting language as much as possible, as the digital technology to cater to the traditional painting techniques values provide a beneficial attempt.

Which Based on the Digital Output of the Oil Painting Techniques. Digital image technology is in the form of artists can't imagine changing the traditional painting techniques. From digital image works to show the form of oil painting materials, can use the way at present basically has the following several ways: one is the projection of the way. Where good digital images projected onto a canvas, in the form of projection to create uncluttered later shall be carried out in accordance with the painting techniques. 2 it is to print. Namely the processing good image directly to the use of color painting on the canvas surface spray technology, then the processing of oil painting language. Three is prints and hand-painted repeated stack. Is the picture good painting into digital images, is

to digitize, prints on canvas again and again to the processing of oil painting language, make the image more subjectivity.

The combination of the digital output and oil painting material also has the very big development space. Such as British artist Antony and his creative team in copy paintings of the west sea fight, with a large number of digital technology, which also includes a digital analysis of pigment color composition, etc. Also appeared in the market now called a digital painting products, is a painting of the original, or a computer design, through the digital processing, and then through a special process to turn painting line and digit symbol, carver as long as the Numbers of coloring in the area to fill in the corresponding Numbers of pigment, can complete a picture of our own oil painting. , of course, this product is a kind of cultural consumption in the face of the general public products, but for beginners to practice toning color will have certain effect to help, also suggests that the color of traditional training may also can use other ways.

The Study Method

When we have the good condition and not to study, everything is in vain, layers of classical oil painting techniques in painting need to additive color layer, many times by stages the methods to complete work day by day. So there must be plenty of time and master order strictly, make the picture color gradually thickening and rich, the form factor has been improved as well as a variety of painting. Learn is not only a oil painting techniques and approaches, more important is whether can calm down to draw, the heart melts into the picture, a picture can let people see how much, therefore, at the same time of learning techniques more should learn to settle, to forget oneself state, which comes from the love of painting, ecstasy of love, only one thing that I want to do is spend time cost energy to do it. From knew nothing about the painting techniques to interest, hard to imagine that when the difficult, we must overcome the temptation to commit, see: only the content of my mind to pour out the corresponding knowledge, I think, in our copy of the works of the masters at the same time, should also know many sided, the artist's other works meaning, background of his life, to better grasp the work. Think about: absorb the natural need to filter the good things, think much, "is set, BuYuZeFei" to do and how to do we need to consider. Considering the whole process, no matter how much we added color or other factors, how to improve our sketch and sketch sense consciousness. Before the monochromatic sketch to consider how to control the body, how to enrich the sketch relations, make it produce subtle tonal, how to make mixed and disorderly, trivial, poor work became complete unity is exquisite. If, instead, accomplish know fairly well before painting, will use every step, every effort to service for the purpose. Draw: good master works or subject, with the ideas to practice is not in vain, and the process we must to do and love of painting and perseverance will support us to do, as long as there is power and faith, can insist on doing it. In study, still want to see more works of some of the master, because of the enduring classic, predecessors and learn more conducive to go out, inspection of the relevant professional books, master know more about style and techniques, in the foundation stage of learning, the good and rejecting the bad. Eventually form their own style, and to calm down and study diligently, patience, perseverance, not blundering. , in turn, improve the level of the art integrated, so as to cultivate the arduous struggle, unyielding, and life attitude of doing things and profound feeling about life.

Conclusion

With advanced technology to promote education reform and innovation of school also is to let the development of school education is not behind The Times, is the human activity is the inevitable need to adapt to the progress of science and technology. Imaging because of its important to absorb every period technique becomes a variety of neural hub of technology system, so as to push the history of mankind is the most important activities of science and technology, so the image technology, also known as a sign the overall change of human life. [5]Oil painting techniques after nearly one thousand years of development, has already been made along the way and imaging

techniques inseparable relation, video unlimited replication and rapid spread of multi-channel digital image will provide limitless possibilities for oil painting techniques innovation. The fine arts of painting course structure, there is no complete digital image technology systematically into the teaching content, maybe this vision also need theoretical efforts to continuously explore and practice. Can foresee, however, as a visual art oil painting techniques of teaching in today's digital information age of digital image technology teaching is indispensable. Based on the principle of early construction and benefit, through a certain period of curriculum construction, digital imaging technology will provide helpful support for the traditional painting skill teaching, and will improve the innovative ability of students to adapt to the social development for artistic creation.

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