Digital Technology Application on the Teaching of Basic Constitution Professional Design

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Abstract. Three constitution design as a professional basic course, since it was introduced in china from bauhause in 1980's have been more than half a century, times changed, especially computer technology has become a basic design instrument, this technology, have give a new fashion and how to adjust such changes should not only in technical, we should with the help of modern technical and the students’ actural situation take methods to stimulate students’ learning initiative and creativity in teaching.

Keywords: compute technology, art design, three constitution, teching innovation.

1 Introduction

In the early 20th century Bauhaus have set up the basis design program independent from professional design.include plane constitute, color constitute and space constitute courses. Therefore various visuak special design have the same basic identical content. Today the traditional design have entered scientific ear, from early 1980s our country large-scalely introduced bauhaus teaching system, 1990s constitution courses have become design compulsory education, widely applied in design practice. Now, in the 21st century, art design have processed many kinds of changes, also more diversified, especially in recent years the design education becomes a ball of fire. more than ten years ago, the colleges introducted art and design education only few, but today, the colleges and institutions have increased by almost more than one thousand. Professional institutes, colleges, all kinds of integrated vocational schools have trained a large number of specialized students with the development of design education fashion. Which make our domestic aesthetic level up to a new hierarchy, but no matter what the art school was, thinking how to take courses professional, the three constitutions still have its important position, because it is the basic and including catalogue and all kinds art principles, rules and laws, with uncertain external visual form to ensure the permanency of beauty.

For modern art of writing practice, three constitution will increase the ability of thinking, and illuminate the design inspiration, which is the foundation. its ultimate purpose is to extend the design thought, integrate the design method of rational thinking and feelings and make a solid foundation for the future design. “Innovation”
is a hot topic discussed in new era, how to pursue the times change is a big problem we have to face. Since three constitution introducted in our country, its innovation has been the question of educator concerned, especially in recent years with the thought of opening up, and foreign exchange, many universities have conducted a great innovation for performance art design foundation courses. Many schools are to make innovations, reforms to how integrate the three constitution courses and professional courses together more closely. but because of the art and design history of our country is not so long, and the academic system still need to improve, more than to art and design the professional basis system, this is a long way need to explore.

A. New Changes with Modern Technology

The internet is the most notable application in 20th century of human social development from 1969, half a century, the computer network have successfully processed from experimental in the world into commercial operation. tradition education and modern science technology also experiencing from the beginning of the opposition fusion develop coordinated today, they are affected and infiltrated each other. at First gharopiwus and bahaus have the ideal which is treat people as the dimension and they should have balance and in all-round development with the education. especially as the basis leader of the bahause courses, john eton professor, in the spirit of integrated the traditional eastern and western scientific culture progress, in order to overcome the modern crisis. He stressed the importance of inspiring students’ personality, and he classify the stydents into three types: spirit expression, reasonable instruct and truth expression, different types should educate in different direction, today the types seems should to add a partition that is the technical performance, because the computer technology give three constituions a lot of changes, and which was just after the computer applied results. It is precisely this new technology has created new problems: traditional education and new technologies how to get along?

B. Differences between Traditional Education and Modern Technology

Applied Education

In our society, traditional chinese design education development from beginning to the present is enormous and profound, but with the spread of new technological evolution, the coming of the sixth phase of the internet era (the first stage: form and sign language phase, the second stage: time phase, the third stage: words phase, the fourth phase: printing phase, the fifth stage: electronic age, the sixth phase: network era). Until now, the function of the art design have reached its extreme development, so the art design education is gradually from the traditional educational methods changed to adapt network era. However at the same time, traditional education still remained its principle which was not infiltrated by the development of modern science and technology, while modern technology and human culture have developed rapidly into a new era. In regard to the relationship between traditional education and computer technology operation, there are two different options.

Some people in our teaching work ignore the computer technology, they think that idea is the most fundamental thing in design, the computer technology is