

An Applied Study on the Integration of Digital Information Technology into the Teaching of Civics and Politics in Traditional Chinese Culture Courses

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Abstract. "Establishing morality and nurturing people" is one of the important indicators of the special socialist cause of China to cultivate and deliver talents and to measure the level of education. Under the general environment and background of curriculum ideology and politics, the application of digital information technology and traditional Chinese culture to enhance the level of curriculum ideology and politics teaching and educating people, to fully realise the efficacy of ideology and politics education of educating people by culture and language. In order to enhance the effectiveness of the application of digital information technology and traditional Chinese culture to enhance the teaching of course ideology, the article takes the information technology course as an example, and focuses on how to integrate the excellent traditional Chinese culture, such as Confucianism, Mohism and other excellent traditional Chinese culture into the classroom teaching in the course of ideology, and by summarising and summarising the excellent artisanal spirit and other excellent ideology and cultural elements in the Confucian and Mohist traditional culture, and by interpreting the value implication of traditional cultural ideology based on the interpretation of the traditional culture. On the basis of interpreting the value implication of traditional culture and politics, the elements of politics are explored at multiple levels of teaching, such as teaching objectives, teaching methods and teaching contents. Under the background of the development of information technology, the content of the integration of traditional Chinese culture into the curriculum is explored, and the elements of traditional culture and ideology are integrated into the cultural curriculum, with a view to promoting socialist education with Chinese characteristics to achieve the goal of "cultivating morality and educating people".

Keywords: Information Technology; Chinese Excellent Traditional Culture; Confucian-Mexican Culture; Craftsmanship; Curriculum Si-Politics

1 Introduction

The report of the 20th CPC National Congress further emphasises that "education is a major plan for the country and the Party", "the root of educating people lies in establishing morality", and "ideological work is the work of building up the heart of the country and the soul of the nation. ". The report of the 20th CPC National Congress focuses on the requirements of course ideology and politics of the fundamental task of education in the new era, in order to integrate the spirit of the 20th CPC National Congress into course ideology and politics and enhance the effectiveness of education, we need to follow the law of ideology and politics teaching and the

law of students' growth, and to build a system of course ideology and politics of education in the new era^[1].The ideology and politics of the curriculum is an important means of realising the spirit of the Twentieth National Congress of the Communist Party of China. In the process of education and teaching, the elements of ideology and politics, such as moral sentiments, value concepts and cultural and theoretical knowledge, are integrated into the cultural curriculum, and this kind of invisible education is carried out throughout the whole process of education, so as to subconsciously influence the ideological field of the educated. Organic unification of "educating people" and "educating morality" to achieve the educational goal of "establishing morality and educating people" in the new era of education^[2].The excellent traditional culture of the Chinese nation contains rich elements of ideology and politics, which is the cultural essence and spiritual wisdom of the Chinese nation precipitated over thousands of years. With the development of information technology, if we want to promote the ideological work of the curriculum, we need to make full use of digital information technology and apply the Internet platform in education and teaching, but at the same time, we need to take into account the openness, virtuality and anonymity of digital information technology, and fully understand the two sides of digital information technology, and master the acceptance of information acquired by students through information technology. The two sides of digital information technology, master the students through information technology to obtain information acceptance habits, the formation of scientific and reasonable "Internet + education" teaching model^[3].Taking the Ru-Mo culture in the Chinese excellent traditional culture as an example, integrating the course ideology and Ru-Mo culture, using digital information technology to build a modern online and offline hybrid teaching mode, and exploring the implementation path of the Ru-Mo culture combined with information technology applied to the course ideology^[4], so as to increase the information technology combined with the application of the Chinese excellent traditional culture to the course ideology, to strengthen the cultural self-confidence, and to enhance the cultural self-confidence and sense of pride of the educated people^[5].

2 Informative Curriculum Civic and Political Integration System of Chinese Excellent Traditional Culture

Information technology course is a public basic compulsory course with the development of modernisation and the cultivation of modern digital information technology talents, which has a certain basic and instrumental role^[6]. It has a high degree of practicality and popularity. To integrate professional theoretical knowledge and practical skills exercise in the information technology course at the same time, to enhance the students' ideological and moral qualities, to achieve the real purpose of educating people^[7].Taking the PPT production teaching module in information technology courses as an example, the integration of traditional Chinese culture into digital information teaching enhances the teaching effectiveness of the "Civic-mindedness of the curriculum" under the background of "Great Civic-mindedness"^[8]. Using the rich culture and history of Chinese excellent traditional culture to enhance the interest of the course of ideology and politics, to help educated people establish a correct view of history, culture, values, etc., and effectively enhance the effect of the cultivation of the ideology and politics of the curriculum in colleges and universities, and cultivate more high-quality talents in line with the development of the digital era for the new era^[9]. The integration system of using

information technology to use Chinese excellent traditional culture to enhance the effectiveness of the teaching of course ideology and politics is shown in Figure 1.

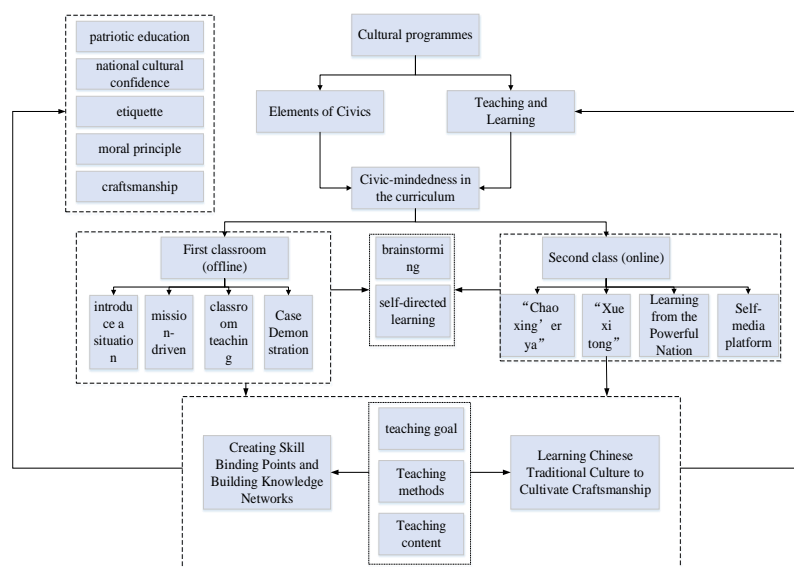


Figure 1. Informative Curriculum Civic and Political Integration System of Chinese Excellent Traditional Culture

The article builds the information technology combined with Chinese excellent traditional culture integration course of ideological teaching system is mainly divided into the first classroom offline and online second classroom teaching mode, in the classroom teaching process make full use of the whiteboard and other digital information technology means from the classroom situation introduction, task-driven, classroom lectures to the case demonstration and other teaching throughout the whole teaching process of the excellent traditional culture contained in patriotic education, national culture, self-confidence, interest literacy, moral integrity and artisan spirit into the teaching^[10]. Self-confidence, interest quality, morality and craftsmanship are integrated into the teaching. We also make use of the Internet information technology such as Super Star Erya platform, Learning Channel, Learning Power and self-media platform as an important medium to carry out the second classroom, so as to infiltrate the spirit of the great nation in the excellent traditional Chinese culture in the teaching objectives, teaching methods and teaching contents in an all-round way and in the whole process^[11].

3 Application Methods

The public course of information technology as digital information technology integration of Chinese outstanding traditional culture as the course of ideological and political practice of the staff to the Chinese outstanding Confucian and Mozambique culture, for example, around the "Luban" craftsmanship and the ideological and moral implications of traditional Confucian culture as an important basis^[12]. The rapid development of digital information technology is

used as a case to stimulate students' national sentiment of serving the country with science and technology, to promote the correct use of information technology, to avoid falling into the digital information age, which is easily affected by the interference of diversified information, and to promote the growth of students into comprehensive talents with all-round development of morality, intellect, physicality, aesthetics and labour^[13].

Firstly, we explore the elements of ideology and politics contained in the traditional thinking and culture of Confucianism and Mozambique, and explore the path of ideological and political practice in the curriculum through the four carriers and six methods of Confucianism and Mozambique^[14]. Fully explore the teaching body, teaching environment, teaching resources and teaching activities and other four cultural carriers, as the excellent traditional culture through the word, teach by example, cultivation, discernment, practice and tacit and other methods of Chinese excellent traditional culture through the information technology platform integration teaching, so as to stimulate and enhance the Chinese excellent traditional culture of the effectiveness of the ideology and politics^[15].

3.1 Exploring the entry point of curriculum ideology in the integration of traditional culture and information technology

Focusing on the actual needs of the new era of education and teaching at the national level, the school level and the students' level, according to the actual situation of the school to carry out the course of ideology and politics, around the spirit of craftsmanship, cultural self-confidence, national sentiment and social responsibility and other aspects of the digging and digital information fusion of course of ideology and politics of the entry point. The article builds the excellent traditional culture and information technology curriculum integration of the ideological and political integration of the points shown in Table 1.

Table 1 Statistics on the Integration of Ru-Mo Cultural and Political Thinking Elements in Information Technology Programmes

Teaching focus	Civic and political elements integration point
Word document editing	To collect historical information about Lu Ban and Mozi, to learn and pass on the culture of Lu Ban and Mozi, and to promote the spirit of Ban and Mozi's craftsmanship;
	To collect traditional Confucian cultural materials to inspire students' national pride and cultural confidence;
Excel spreadsheet processing	To collect patriotic and family-loving sentiments in Banmo culture and Ru-Mo culture, and to strengthen students' feelings of patriotism.
	Project function calculation teaching with the excellence of Banmo craftsmanship to inspire students craftsmen to overcome difficulties, and actively face the difficulties encountered in the project function.

3.2 Based on the students' main body, exploring the practical path of curriculum Civics

Students have a strong ability to receive new things, have a strong interest in learning, and are in the period of shaping their thoughts and theoretical knowledge, which is highly mouldable. In the actual education and teaching process of integration of excellent traditional Chinese

cultural education ideas, such as Confucianism's benevolence, self-restraint, cultivation, family, introspection, practice, such as excellent traditional cultural ideas integrated in the process of information technology teaching, upholding Confucianism, teaching without class, teaching according to ability, heuristic teaching, and other educational ideas integrated in the course of thought and teaching concepts. At the same time, the excellent Mohist conciliatory love, non-attack. Thick to virtue, defence of speech, Bo to Taoism and active education and strict discipline of the excellent traditional cultural education ideas applied to the practical teaching of information technology courses. Standing on the perspective of students' plasticity, the leading role of teachers is actively utilised, and the active teaching ideas of Mohist thought, "strong learning and strong teaching", "sounding without buckling" and other active teaching principles are used as important guidance for teaching^[9]. Guided by Mozi's educational environment theory of "dyeing silk and changing colour", and with students as the main body, we create a better practical training environment and conditions for students' learning, and optimize the environment and conditions of classrooms and training rooms, so that the educational resources can fully meet the requirements of the course of Civic and Political Teaching^[10].

Taking the teaching of "word electronic document" production in the information technology course as an example, students are guided to edit and produce the electronic document of the introduction of "Ancient Banmo Craftsmen Masters", integrating the ideological and political elements of the spirit of Banmo into the teaching programme, and introducing the combination of learning and practice through the introduction of ideological and political cases. In the course of teaching, we integrate the elements of Civics and Politics of Banmo Spirit, introduce the Civics and Politics case and combine it with the classroom teaching practice, integrate learning and practice, and deepen the educational effectiveness of Civics and Politics of the curriculum through the project practice. According to the Civic and Political Integration Teaching System constructed in the article, the educational function of the "second classroom" before and after class is optimised, and the teaching effect of the "first classroom" in the middle of the class is emphasised. It guides students to actively think and discuss, builds a hybrid teaching mode of offline "first classroom" and online "second classroom", and promotes students to form a learning mindset of self-study before class, inspiration in class, and consolidation through practice after class. The specific teaching thinking and process are shown in Table 2^[11].

Table 2: Design Quality Comparison

teaching stage	Teaching Ideas
pre-teaching	Students are instructed to use the Internet to search for materials related to "Banmo", and in the process of collecting and organising materials, students are stimulated to learn and think on their own, and after learning about "Banmo Craftsmanship", they can learn to distinguish between right and wrong, self-examination and self-examination, and to study and learn on their own.

while-teaching	<p>Teachers guide students to share the information collected before class, discuss and summarise it, and introduce the production of Word documents introduced by "Banmo Master Craftsmen" through the Word document editing cases in the textbook. After analysing the structure and layout of document editing and further emphasising the key points and methods of operation, students will be guided to carry out practical operations. At the same time, students are guided to develop learning attitudes and methods of teaching by example, distinguishing between right and wrong, and practising what they preach, using the spirit of Banmo Craftsmanship flexibly.</p>
Post-teaching	<p>Through online learning platforms such as Super Star Raya, students are arranged to watch videos explaining the spirit of Banmo to deepen their comprehension of the spirit of Banmo, and use Word electronic documents to edit the after-thoughts of the videos, requiring clear typography and organisation, which will subconsciously influence students' future career attitudes while enhancing their practical information technology skills.</p>

3.3 Improving the construction of a case base for digital information technology courses on Civics and Politics

Influenced by the rapid development of the Internet, most students at present can be said to have grown up standing under the Internet, and their life and learning have been influenced by Internet information technology. The video influence of the network self-media platform and the teaching function of the main theme film play an important role in the shaping of students' thoughts, while the diversification of information on the Internet will lead to the influence of a series of excellent films in the process of students' growth, as well as the influence of some negative and vulgar works. In the new era, some of the main theme films promoting socialism have been further improved in terms of narrative, viewability and characterisation^[12]. Therefore, the focus of the integration of digital information technology in school curriculum civics should be to introduce films with socialist main theme into curriculum civics education and to explore the civic elements contained therein. Around the love of the party, love of the country, love of socialism, love of the people, love of the collective; information security professional literacy, network security legal awareness, network risk threat cognition and coping ability and other objectives of the course of ideology and politics, to collect some melodramatic movies, to build a case base of melodramatic movie information technology course of ideology and politics, such as the "Great Work of the Party", "Great Country Craftsmen", "My Motherland", "My Hometown" and other excellent movies, which The patriotism, love of hometown, and earnest and dedicated craftsmanship contained in them enrich the teaching resources of the Civics and Politics of the course, therefore, Figure 2 establishes the idea of a civics and politics case book. The models of the times and the role models in the movies are used to motivate students to pay attention to network security in network life and make them realize the importance of security and innovation in information technology courses, which can be shown in figure 2.

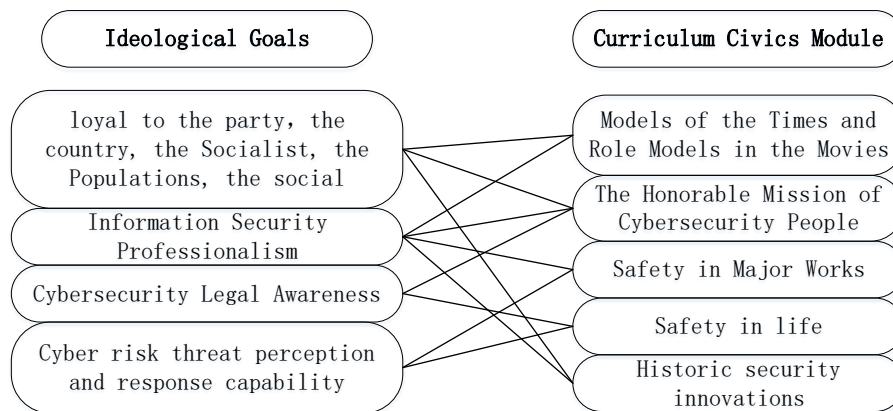


Figure 2. Ideas for the establishment of the Civic and Political Casebook

In addition, the political elements contained in the film are made into the form of microclass video explanation, so that students can more intuitively feel the political elements contained in digital information technology. Through the strong visual effect and touching picture language in the Civics video screen and melodrama film to inculcate students' ideology and morality, and then strengthen the educating effect of melodrama film. For example, the film "30,000 Leagues of Chang'an" is a historical film about the Tang Dynasty after the Anshi Rebellion, which mainly tells the story of Gao Shi, the governor of the Tang Dynasty, who was faced with the danger of Chang'an City when the Tubo army attacked the southwest. When the city is trapped, Gao Shi remembers his life with Li Bai to the supervising eunuch, recalling the glory and tragedy of the past. The film is rich in poetic lines, such as "Life is like the morning dew, fleeting." It guides students to cherish time and strive for something in the limited time; "Don't worry about the road ahead without a friend, who in the world doesn't know you." Motivate students to encounter difficulties and obstacles, but also not a pessimistic mentality of life, with a natural talent, in order to fight for a bright future; "Born to be useful, a thousand gold scattered still come back." In the film, Li Bai came from a merchant family, although he had a "five-flower horse and a thousand gold furs", he was still looked down upon by many people, but he didn't feel inferior to it, instead, he was full of confidence, and finally he pursued and worked hard relentlessly with "rocketing up to ninety thousand miles", and finally became famous in the Tang Dynasty. Through the use of ancient poems and cultural essence in the film, students can experience the poets writing poems to shape students' resilience and perseverance.

4 Cases of Traditional Culture Integration Programme Civics Practice

4.1 Practical Cases

In information technology teaching, PPT presentation production teaching designers teaching the key points and difficult points, the course will naturally penetrate into the teaching of the ideological and political teaching, the use of online and offline, the first classroom, the second

classroom combination of forms. Taking "etiquette" as the theme, let students make full use of the network resources, do a good job of the relevant knowledge reserves before the class. Secondly, we make good use of online learning platforms such as Learning Channel to carry out intelligent teaching, and at the same time, we put forward the relevant quotations in the online course, guiding students to cultivate themselves and govern the country and learn the wisdom of life in dealing with people from the ancient sages and sages.

When designing PPT presentations, the teacher introduces the beauty of traditional Chinese calligraphy when teaching the design of text beautification. At the same time, Chinese classical music as the background music of the PPT, in the beautification of the production of the presentation at the same time, to guide students to understand the cultural essence of classical music and heritage, so as to enhance the cultural confidence of the nation. Finally, a Chinese ink painting is used as the background pattern of the PPT, while explaining the beauty of the natural scenery and philosophy in the ink painting, prompting students to sublimate their spiritual world. While using traditional cultural elements to enrich the content and structure of PPT production, students experience the philosophy of life contained in traditional culture, and then realise the sublimation of the spiritual world.

4.2 The effectiveness of traditional culture integration of information technology curriculum ideological reform practice

First of all, the integration of the traditional culture of Banmo into the information technology course effectively promotes the whole school students' conduct, information literacy and skills and other aspects can be significantly improved. Through the practice of Civics teaching in which Banmo culture is integrated into information course technology in teaching practice, students' learning attitude, learning behaviour and learning achievements are evaluated summarily. Teachers use the "9-point system" to evaluate, the higher the score, the more obvious the effect of Civics teaching. The Civics teaching effect of students in the first half of 2023 in the experimental class is taken as the data of the control group, and the Civics situation in the second half of 2023 is taken as the data of the experimental group, and the specific comparison results are shown in Table 3.

Table 3 Comparison of effectiveness of Civics teaching in 2023 (N=124)

Dimensions of Civic Performance Evaluation	Semester 1		Semester 2	
	M	SD	M	SD
Attitude towards learning	4.53	4.52	8.62	4.66
learning spirit	3.91	4.64	8.73	4.65
morality and ethics	4.93	4.55	7.99	4.58
scientific spirit	4.38	4.53	7.81	4.59
innovation capacity	4.67	4.51	7.46	4.62

As can be seen from Table 3, the integration of traditional culture of Banmo into the teaching of information technology course civics has led to a significant improvement in the moral literacy and parallelism of the class students, including the students' attitude to learning, learning spirit and other academic performance has also been significantly improved, and the evaluation scores of the students' civic performance dimensions of morality and ethics, scientific spirit, and innovation have been significantly improved. Moreover, the standard deviation of the evaluation results is low and has a high degree of stability. Therefore, the

ideological teaching model of information technology curriculum based on the traditional culture of Banmo is successful and can be promoted and enhanced in the ideological reform module of school curriculum.

5 Conclusion

In summary, the combination of cultural courses and skills and operational knowledge with the elements of ideology and politics contained in traditional culture further enriches the teaching content of course ideology and politics. The method of integrating digital information technology and traditional culture into the teaching of course ideology is summarised in Figure 3:

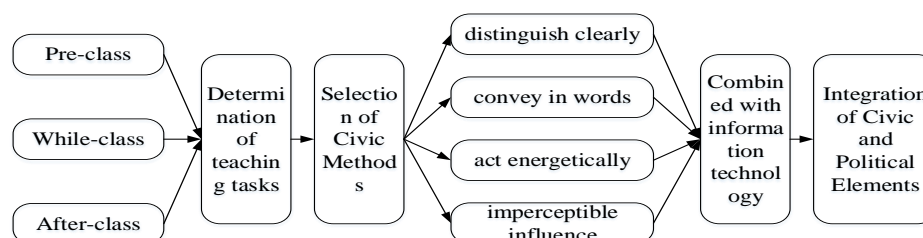


Figure 3. Schematic diagram of the teaching process of digital information technology integration of traditional culture course on ideology and politics

In the article, the traditional culture of Confucianism and Mozambique is integrated into the ideology and politics of the curriculum by determining the teaching methods of the three stages of teaching, and enriching the content of the curriculum with excellent ideas such as "benevolence", "love", "non-attack" and "toughness". "Toughness" and other excellent ideas are used to enrich the content of the course, and to provide guidance for students to improve their cultural, information and political literacy. With digital information technology as the important basis for enriching teaching resources, students can learn knowledge and skills while understanding the cultural connotation of traditional culture and the strong and profound cultural heritage of the country. In this way to stimulate students' national cultural confidence, poke the wrong inheritance and innovation, etc. to inspire students to become a character, talent, family and national sentiment, rich in Banmo artisan spirit of the new era of builders.

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