Research on the Relationship between Computer Educational Technology and the Teaching Reform of International Economy and Trade Specialty

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Abstract. At present, the teaching of international economy and trade specialty in some domestic universities is still faced with some practical difficulties, such as unclear subject system orientation and difficulty in cultivating applied practical talents. Based on this, this paper first analyses the current situation and problems of the teaching of international economy and trade, then studies the relationship between computer education tech and the teaching reform of international economy and trade, and finally gives the strategies and paths of the teaching reform of international economy and trade under computer education.

Keywords: Computer Educational Tech, Teaching Reform, International Economy and Trade

1. Introduction

With the iterative progress and maturity of computer info tech, it has been widely and deeply studied and popularized in many fields, especially in the field of education and teaching, which greatly promotes the teaching improvement and reform of disciplines and majors represented by international economy and trade. On the other hand, the application of Internet tech in the field of education promotes the transformation of international economy and trade. Relying on network info tech, production factors, business system and business model have been greatly changed and improved [1]. The deep integration of network info tech and education industry has created a new development form. Info tech provides new operation skills and convenient measures, which makes the form of economy and trade change completely, and gives more space for the development of economy and trade. Under the background of info tech, computer education tech also puts forward higher requirements for the education of international economy and trade. The traditional education methods have been unable to match and adapt to the innovative requirements under the conditions of intelligence and network.

Under the background of economic globalization, the international market has experienced more drastic fluctuations, and the cultivation of international economic and trade professionals is facing a more severe test [2]. With the blessing of computer education tech, the talent training objectives, mode and program optimization of this major have been significantly changed. However, there are still many problems in the teaching of international economy and trade in domestic universities, mainly in the
unclear positioning of the discipline system, which makes it difficult to cultivate applied practical talents; too much emphasis on post operation skills, which leads to the lack of solid professionalism of students. These problems lead to the students' ability of sustainable development and career choice and transfer cannot be effectively improved.

In addition, under the background of economic and trade globalization and educational tech informatization, it is necessary to further consider the actual needs of industry post groups and employers, and the needs of social, technological and economic development, so as to cultivate compound application-oriented talents with strong professional practice ability, foreign language level and familiar with foreign trade policies and regulations. With the expansion of the scale of foreign trade industry, the post structure related to it is gradually changing. Therefore, the training goal of international economic and trade professionals must also reflect the effective integration ability of comprehensiveness and specialization [3]. Therefore, the University's international economic and trade professional training needs to establish several goals as shown in Figure 1, in order to better meet the background of the change of international trade environment, improve the professional level of college students and social industry satisfaction.

![Figure 1. The content of international economic and trade specialty](image)

In short, international trade is an important engine to promote the sustained and high-speed growth of social economy. In order to maintain its healthy development, universities need to actively cultivate more interdisciplinary international economic and trade professionals in line with the needs of the industry, and solve the problem of structural deviation in real teaching [4]. Under the background of computer education tech, international economy and trade teaching can use info tools to build a teaching mode with strong professional practice and solid theoretical knowledge, fully mobilize the enthusiasm and exploration ability of students, and enhance intellectual support for the transformation and upgrading of international trade. Therefore, it is of great practical value to study the relationship between computer educational tech and the teaching reform of international trade major.

2. The current situation and problems of international economy and trade teaching

2.1. The current situation of international economy and trade teaching

As a discipline that studies the causes of international trade, policies and trade practices, transnational investment, and the relationship between international trade and economic development, the major of international economy and trade belongs to the major of economy and trade in economics. The training goal of international economy and trade major teaching is to cultivate high-quality, compound foreign economic and trade talents who can effectively serve international trade activities, systematically master international economy, international trade theory and basic skills, as well as international trade business operation ability, and engage in relevant service work in foreign economic and trade [5]. International economy and trade majors have a long history. In order to meet the needs of rapid economic development and opening up, many domestic colleges and universities have set up international economy, business, industrial foreign trade and other majors, providing a large number of urgently needed talents for the society.

In addition, as a kind of trade theory and analysis method in international economics, international economic and trade major is developing with the global economic integration and the further
integration of domestic market and international market. There is a growing demand for senior professionals with a solid theoretical foundation of international economy and trade, who are familiar with international trade practices and proficient in foreign languages, which also provides broad space and potential for the development of international economy and trade professionals.

2.2. Problems in the teaching of international economy and trade
First of all, the lack of talent training program, teaching content and teaching methods are too old, leading to the lack of effective education and teaching plan in the teaching process of international economic and trade major, which cannot make students' practical application ability effectively exercise and progress [6]. Secondly, the lack of professional teachers makes it difficult to effectively improve the teaching quality of international trade. In addition, the training mode of international trade talents is not targeted, the teaching mode does not pay attention to practice, the teaching system is backward, and the course content is not easy to connect. On the one hand, teachers focus on classroom teaching in the teaching process, which makes it difficult for students to reflect and improve their dominant position; on the other hand, the curriculum of international economy and trade is wide but not deep, which ignores the overlap and correlation between courses, resulting in a waste of teaching time and resources [7]. The problems such as single employment direction, over refinement of major also lead to rigid teaching methods, lack of creativity in practice training process, unscientific evaluation system and other practical problems, which restrict the improvement of teaching quality of international trade major.

3. The relationship between computer tech and teaching reform of international trade major

3.1. The Influence of computer tech on international economy and trade
The impact of info and intelligent tech represented by computer on international economy and trade is mainly reflected in the changes of business entities, operation environment and management mode [8]. Among them, in the aspect of the change of business entities, computer tech makes the international trade industry better realize the transnational, diversified and personalized development of business, and brings more resources to the society. Secondly, in the aspect of operation environment, with the help of computer Internet operation, we can realize the real-time summary of import and export commodities in several links as shown in Figure 2, which is more convenient. In addition, at the management level, the organic integration of capital flow, business flow, logistics and info flow provides a new management strategy for e-commerce.

![Figure 2. Info link of import and export commodities](image)

3.2. The network structure of international economy and trade teaching
Application oriented international trade talents should not only have a strong theoretical foundation of international trade, but also have strong practical ability, sense of teamwork and communication ability [9]. At the level of knowledge structure of applied international economy and trade, the teaching of international economy and trade follows the principle of gradual progress from simple to
deep, which is divided into several processes, such as basic, formative, consolidating and creative teaching practice. The teaching of international economy and trade not only enables students to master the basic theories and procedures of international trade, but also has the constraints as shown in Figure 3 below, which affect the teaching effect of international economy and trade. In addition, with the deepening of the application of computer tech tools such as electronic bill of lading and electronic customs declaration, the teaching of international economy and trade should further enhance the importance of computer and its network, and realize the organic combination of online and offline teaching.

![Basic procedure of international trade](image)

**Figure 3.** Restrictive factors in the teaching of international economy and trade

3.3. *Relationship between computer tech and teaching reform of international trade major*

The application of info tech to the simplified simulation of trade environment is helpful for students to make trial and error of economic behavior in the variable environment, so as to realize the practice training and trade behavior simulation at low cost [10]. Secondly, with the help of the simulation of trade links, it can strengthen students' anticipation of trade behavior. Secondly, with the help of computer education tech, it helps to achieve the goal of multi-level teaching reform. With the help of theoretical verification, closed-loop test, international trade trial and error simulation and other different levels, it can deepen students' knowledge of basic knowledge points, and cultivate students' skills of upstream and downstream industrial chain connection. In addition, computer education tech can take students as the main body, take comprehensive vocational skills as the guidance, improve students' ability of independent thinking and mutual discussion, and increase practical experience of communication and business negotiation with relevant stakeholders.

4. **Teaching reform strategy of international trade major under computer environment**

4.1. *Constructing the simulation of practical teaching scene of informatization*

The teaching reform of international economic and trade major assisted by computer education tech should first build a more realistic international economic and trade simulation environment, so as to provide students with the most practical environment. Secondly, with the help of big data and Internet tech, we should establish a simulation platform for international trade and economic services, integrate relevant simulation projects into the international economic and trade ecosystem, and establish a perfect international economic and trade ecological institution. Through the organic integration of offline practice and online simulation, it provides students with an info-based learning practice platform, and establishes a scientific training system and process.

4.2. *Innovation and reform of international economy and trade*

First of all, in the level of personnel training mode, the computer network is used as a means to cultivate college students' innovation ability. Secondly, at the innovation level of the curriculum
system, we should build a new curriculum system with knowledge, ability and quality as the core, establish an info-based teaching platform, and realize flexible teaching. In addition, the university should further improve the practice teaching, optimize the structure of practice teaching through the application of Internet tech, and give full play to the advantages and values of the integration of production and teaching and school enterprise cooperation. We will establish info platforms for personnel training public services, e-commerce entrepreneurship, school enterprise cooperation training, and innovation and entrepreneurship training to better serve the growth and progress of college students.

5. Conclusion
In summary, with the help of info tech tools, the teaching mode of international economy and trade major has been constructed with strong professional practice and solid theoretical knowledge, which helps to fully mobilize the enthusiasm and exploration ability of students, and enhance the intellectual support for the transformation and upgrading of international trade. This paper analyzes the influence of computer tech on international economy and trade by studying the current situation and problems of international economy and trade teaching. Through the analysis of the relationship between computer educational tech and the teaching reform of international economy and trade major, this paper studies the network structure of international economy and trade major teaching, and finally gives the teaching reform strategy of international economy and Trade Major under the computer environment.

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