

The Reform and Exploration of Ideological and Political Education in the Teaching of "Financial Engineering"

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Abstract

The ideological and political education of college students is an important mission for college teachers to teach and educate people. Integrating ideological and political education into the teaching of "Financial Engineering" is an important measure for the teaching reform of "Financial Engineering". This paper focuses on the necessity of integrating ideological and political education into "Financial Engineering", and on this basis puts forward the concepts and methods of integrating ideological and political education with "Financial Engineering", so as to promote "Financial Engineering" teaching reform.

Keywords

The Ideological and Political Education; Financial Engineering; Teaching Reform.

1. The Necessity of Integrating Ideological and Political Education into "Financial Engineering"

1.1. The Guiding Ideology of Ideological and Political Construction

The "Guiding Outline for Ideological and Political Construction of Colleges and Universities" points out that "what kind of people to train, how to train people, and for whom to train people are the fundamental issues of education. The fundamental task must be to integrate value shaping, knowledge transfer and ability training into one and cannot be separated. To comprehensively promote the ideological and political construction of the curriculum is to integrate values into knowledge transfer and ability training, and help students shape a correct world outlook, Outlook on life and values, this is the proper meaning and essential content of talent training. This strategic move affects and even determines the succession issue, the long-term stability of the country, the national rejuvenation and the rise of the country."

"Several Opinions on Deepening the Reform and Innovation of Ideological and Political Theory Courses in Schools in the New Era" pointed out: "Education is the grand plan of the country and the party, and it undertakes the fundamental task of cultivating morality and cultivating people. Ideological and political courses are the implementation of the fundamental task of cultivating people with morality It plays an irreplaceable role. Since the 18th National Congress of the Communist Party of China, the Party Central Committee with Comrade Xi Jinping at the core has attached great importance to the construction of ideological and political courses, and has made a series of major decisions and arrangements. Taking effective measures to conscientiously implement it, the construction of ideological and political courses has achieved remarkable results. At the same time, we must also see that in the face of new situations, new tasks and new challenges, some places and schools have not yet fully understood the importance of ideological and political courses, and the effect of classroom teaching is still not good enough. Need to improve, the content of teaching materials is not enough."

1.2. Literature Review

Juanjuan Tian(2020) took the "Financial Risk Management" course as an example and discussed the teaching objectives, teaching content, teaching evaluation, case description and other teaching design links of the course according to the characteristics of the talent training mode for applied undergraduate finance majors. It provides a reference for the construction of the ideological and political teaching mode of application-oriented undergraduate colleges and universities[1].Xuejin Wang(2020) takes the financial engineering major as the starting point, and studies the key issues of the ideological and political construction of the financial engineering major from the two dimensions of adhering to principles and deepening the practice. How to effectively integrate ideological and political education with professional curriculum teaching[2].Lin Feng,Qiaohui Liang,and Hongfeng Peng(2020) proposed to dig deep into the ideological and political resources of financial courses, design a sound course ideological and political plan and put it into practice, to carry out ideological and political education work for financial majors, and improve the quality of financial talent training. Reference meaning[3].Yan Fang, Feng Zhang ,Lingna Zhang(2020)By exploring the ideological and political elements such as family and country feelings, scientific spirit, professional ethics and norms, social responsibility, global vision, innovative spirit and practical ability contained in the course of "Commercial Banking Business Management", This paper discusses the ideological and political connotation, teaching design and teaching development methods of the course "Commercial Banking Business Management", and puts forward suggestions to strengthen the "course ideology and politics" as a fundamental measure to cultivate morality[4].Jiehui Li,Jie Fang(2019) took the "Financial Engineering" course of Fujian Jiangxia University as an example to discuss the significance, possibility and construction measures of ideological and political education in the "Financial Engineering" course[5].

1.3. The Necessity of Integrating Ideological and Political Education into "Financial Engineering"

Integrating ideological and political education into the teaching of "Financial Engineering" and giving full play to the educational function of "Financial Engineering" is a new requirement for the reform of classroom teaching in colleges and universities in the new era, and it is also an important measure to implement the spirit of General Secretary Xi Jinping's speech. On March 18, 2019, General Secretary Xi Jinping emphasized at the symposium of teachers of ideological and political theory courses in schools: "We must increase the research on students' cognitive laws and acceptance characteristics, and give full play to the role of students' subjectivity. We must adhere to indoctrination and inspiration. The unity of nature, pay attention to enlightening education, guide students to discover problems, analyze problems, think about problems, and let students draw conclusions in a natural way through enlightenment. It is necessary to adhere to the unity of explicit education and implicit education, and explore the hidden meanings in other courses and teaching methods. ideological and political education resources, to achieve all-round education for all staff."

2. The Reform and Exploration of the Integration of Ideological and Political Education into the Teaching of "Financial Engineering"

2.1. Introduction to the Course "Financial Engineering"

With the rapid development of China's financial industry and changes in market demand, financial products continue to innovate in order to meet the diverse needs of customers. In order to improve their own competitiveness, financial enterprises are not limited to the talents they recruit for basic financial services. The mastery of knowledge is more inclined to the innovation and application of financial knowledge. As the core course of finance and investment

majors, the course "Financial Engineering" plays a pivotal role in the talent training program. The "Financial Engineering" course is designed to allow students to familiarize themselves with the teaching of this course. Basic knowledge of the meaning, market operation, and trading strategies of financial derivatives such as forwards, futures, swaps, and options; master the pricing methods of basic financial derivatives such as forwards, futures, swaps, and options; profoundly understand the principles of financial engineering Some essential ideas and ways of thinking, including no-arbitrage analysis ideas and combination decomposition (building block analysis) methods, etc.; can initially use financial derivatives such as forwards, futures, swaps, options, etc. for hedging, speculation and arbitrage activities. At the same time, the study of this course will help students obtain relevant certificates in finance and investment, such as securities qualification certificates, futures qualification certificates and other financial entry-level certificates, and will also help students obtain CVA, CFA and CPA. At the same time, the study of this course also lays the foundation for students to participate in professional competitions such as "China Gold Institute Cup" and "Zheng Merchant Institute Cup".

2.2. The Goal of Ideological and Political Education in "Financial Engineering"

First, train students to establish a correct outlook on life, values, world outlook, and have a sense of social responsibility.

Second, train students to abide by the laws and regulations of financial derivatives trading, as well as professional ethics and codes of conduct.

Third, train students to pay attention to the relevant policies, development trends and national strategies of the financial derivatives industry, and keep pace with the times.

2.3. Ideological and Political Education is Integrated into the Concept of "Financial Engineering"

The teaching of this course adopts the process of integrating value shaping into the explanation of professional knowledge, and adopts the ideological and political education implementation concept of "you have me, I have you". The specific design ideas are as follows:

While explaining the knowledge of financial derivatives, this course:

First, through the analysis of the application cases of financial derivatives trading, students should be guided to keep the bottom line, establish a correct outlook on life, values, and world outlook when engaging in financial derivatives trading and related positions, and abide by the laws of financial derivatives trading. Regulations and Code of Ethics and Conduct.

Second, combined with the current hot issues of financial derivatives trading, lead students to understand the latest policies, development trends and higher-level national strategies of financial derivatives trading, and guide students to keep pace with the times and keep pace with the times.

Third, guide students to think about how to use financial derivatives to solve financial problems and cultivate students' sense of social responsibility.

2.4. Characteristics of Ideological and Political Education Integrating into "Financial Engineering"

The fundamental purpose of financial engineering is to solve financial problems, and its emergence and development itself reflects the sense of social responsibility as a financial person. The specific content of financial engineering includes the concept, pricing and application of forward contracts, futures contracts, swap contracts, and options contracts. A contract is a legal contract. Therefore, this course teaches the signing and trading of various contracts. Naturally, it involves the laws and regulations, professional ethics and code of conduct that various contract transactions should follow. This part of the lecture is mainly reflected through the case of derivative transactions. At the same time, the transaction of

financial derivatives involves a large number of financial assets, such as the transaction of large funds. Therefore, the teaching of this course naturally needs to establish a correct outlook on money, life, world and values for students. To sum up, the ideological and political education of this course and the explanation of professional knowledge are inseparable, and the two are integrated.

2.5. The Way of Integrating Ideological and Political Education into "Financial Engineering"

This course is taught by offline multimedia teaching and online cloud platform and network resource extension teaching, using case teaching method, problem chain teaching method, heuristic, participatory, discussion and other teaching methods.

2.5.1. Case Teaching Method

Organize students to conduct case analysis, through the analysis of specific cases in the derivatives market, to analyze the performance of various derivatives traders in terms of professional ethics, laws and regulations, etc. under the background of specific cases, and the regulatory authorities and related companies. How is the risk management of the transaction, and think about how it can be improved on this basis, etc. Teachers organize students to conduct case analysis by collecting a series of risk events of derivatives trading, so that students can establish socialist core values and correct world outlook and outlook on life in specific case studies, develop compliance with national laws and regulations, and have good moral cultivation Educated citizens.

2.5.2. Problem Chain Teaching Method

The problem chain teaching method refers to setting a series of questions in advance to inspire students to think, to continuously deepen their understanding of the course knowledge, and to integrate ideological and political education into the entire problem chain. For example, when teaching the connotation of financial engineering, through the problem chain teaching method, it inspires everyone to realize the fundamental purpose of each innovation and development of financial derivatives through the evolution and development of forward contracts, futures contracts, swap contracts, and options contracts. It is to solve the corresponding financial problems and guide students to establish the awareness of financial people serving the society and have a sense of social responsibility.

2.5.3. Heuristic, Participatory and Discussion Teaching Methods

This course mainly explains the knowledge of derivatives trading. In the course, by introducing a large number of actual cases of derivatives trading, we will discuss and analyze the laws and regulations, professional ethics and code of conduct violated by the exchange with the students. Participate in the learning of the ideological and political part of the course through discussion, and teachers can ask some questions in the process of case analysis to inspire students to think independently.

2.5.4. Online and Offline Teaching Methods

This course adopts a combination of online and offline teaching methods, which is embodied in face-to-face communication teaching in offline multimedia classrooms. Online, this course is mainly constructed through cloud platforms such as Chaoxing Learning. All teaching resources of this course and The extended series of online course resources are all released on the Chaoxing Learning Platform. Through the construction of the cloud platform, students can study and exchange this course anytime and anywhere without being limited by time and space, extending offline classroom learning.

3. The Effect of Integrating Ideological and Political Education into "Financial Engineering"

Due to the characteristics of its course, "Financial Engineering" adheres to the ideological and political implementation concept of "you have me, I have you", while teaching professional knowledge, combined with the case of financial derivatives trading and students to analyze the financial The laws and regulations, professional ethics and code of conduct that derivatives trading should abide by and establish correct three views; combine current news and current affairs to interpret industry policies and development trends, and pay attention to national development strategies; with the rapid development of financial derivatives , to guide students to keep up with the pace of the times and keep pace with the times; the fundamental purpose of financial engineering is to solve financial problems, and it is necessary to guide students to pay attention to social practice problems and do certain thinking, with a sense of social responsibility. It can be seen that the study of "Financial Engineering" itself includes not only the study of the professional knowledge of financial derivatives, but also the legal awareness, innovation awareness, professional ethics, the study of the frontier development of the industry, professional education and thinking. Political education and education are inseparable.

Judging from the learning feedback of students in recent years, this course shows students how to use derivatives to avoid risks and create value for the society through a large number of practical cases of financial derivatives; through negative cases to show the social harm of wrong values, etc. students clearly know that they should abide by the law, keep the bottom line, and have correct three views when engaging in derivatives trading. They also deeply understand from the perspectives of cases, current affairs and industry development trends that the fundamental purpose of financial engineering is to solve financial problems. To the sense of social responsibility as a financier, realize that the development and innovation of our country's capital market is a function of continuously serving social production.

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