

Research on the Design of Interdisciplinary Simulation Comprehensive Training Teaching System of Economics and Management from the Perspective of New Finance and Economics

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Abstract: In the new financial era, the realization of teaching objectives must be based on the integration and development of different majors. Therefore, for any professional practical courses, we should not confine our vision to this major, but should focus on the whole economic management specialty. Based on this, we designs a set of comprehensive simulation training teaching system. The system can build a three-dimensional talent training mode, cultivate innovative and applied talents.

Keywords: New Finance and Economics; Interdisciplinary; Comprehensive Training

In the new financial era, the concept of professional needs to be diluted. The realization of new finance and economics must be based on the integration and development of different majors. Therefore, for any professional practical courses, we should not confine our vision to this major, but should look at the whole economic management specialty to see that we can design a set of comprehensive simulation training courses, and this major is just one of the screws. Based on this idea, we designed “The practice teaching system of economics and management majors with interdisciplinary virtual simulation experiment as the core” focuses on the cultivation of innovative and applied talents of economics and management majors, takes the cultivation of “knowledge, ability and quality” as the center, and takes the collaborative implementation of knowledge teaching, ability training and quality improvement as the direction, and reconstructs the logical relationship of curriculum experiment, professional training and comprehensive training It focuses on the construction of “all-round, systematic, multi-level, three-dimensional” practical teaching system of economics and management.

1. Background of reconstruction of practical teaching system for economics and management majors from the perspective of new finance and economics

1.1 Accelerating the implementation plan of educational modernization

In February 2019, the general office of the CPC Central Committee and the general office of the State Council issued 《the implementation plan for accelerating the modernization of Education (2018—2022)》(hereinafter referred to as the

implementation plan), and issued a notice, requiring all departments in all regions and regions to seriously implement the plan in combination with the actual situation. The implementation plan points out that during the period of 2018—2022, the state should accelerate the construction of educational modernization. Under the guidance of general secretary Xi Jinping's new socialist ideology of socialism with Chinese characteristics, the implementation plan is based on the spirit of the nineteen and third Plenary Session of the nineteen and third Plenary Session of the party. We should implement all kinds of engineering projects and action plans, deepen reform, stimulate vitality, make up for weaknesses and optimize the structure, so as to better play the role of education in serving the national economy and the people's livelihood, and ensure the completion of the educational goal of building a moderately prosperous society in an all round way, It will lay a solid foundation for promoting high-quality development and achieving the goal of 2035.xt.

1.2 “Double ten thousand plan” of first class undergraduate specialty construction

In order to thoroughly implement the spirit of the 2018 National Education Conference and the implementation plan for accelerating the modernization of Education (2018—2022), implement the national undergraduate education work conference in the new era and the Ministry of education on accelerating the construction of high-level undergraduate education The Ministry of education has decided to promote the construction of new engineering, new medicine, new agriculture and new liberal arts, strengthen the first-class undergraduate course, build first-class specialty, train first-class talents, comprehensively revitalize undergraduate education, improve talent training ability of colleges and universities, and realize connotative development of higher education We will implement the “six excellence and one top-notch” plan 2.0 and launch the “double ten thousand plan” for the construction of first-class undergraduate majors. The “double ten thousand plan” requires to build about 10000 national first-class undergraduate programs and about 10000 provincial-level first-class undergraduate programs in the three-year period from 2019 to 2021.

1.3 The need to sort out the practical teaching system

The comprehensive cultivation and improvement of students' knowledge, ability and quality needs to go through a deep process from perceptual cognition to skilled operation and then to comprehensive innovation. The setting of practice teaching system must also follow such objective laws, so the setting of practice teaching system should reflect such multi-level. For the course experiment, we can set up the system structure of basic course experiment, design course experiment and comprehensive course experiment. For the independent practice link, its setting must also take into full account the professional knowledge, cognitive ability, comprehensive quality and innovation and entrepreneurship ability training process step by step, and set up the function modules to improve step by step. At the same time, the course experiment and practice must be linked up and progressive step by step to form a complete three-dimensional practical teaching system.

2. Construction of practical teaching system of economics and management major based on interdisciplinary simulation comprehensive training

On the basis of interdisciplinary simulation comprehensive training series courses, this project combines with the actual situation of various colleges of economic management specialty, carries out a comprehensive, systematic and three-dimensional design on the curriculum experiment, professional training, industry research, social research, ERP training, enterprise behavior simulation, interdisciplinary simulation comprehensive training, etc., so as to make the original isolated and single form practice According to the professional knowledge system and the upstream and downstream positions and post groups involved, the experimental training course content is combined with the actual working occupational environment to form a virtual simulation experiment project as the content, interdisciplinary virtual simulation comprehensive training course as the core, ERP training and enterprise behavior simulation course as the pillar Based on training, course experiment and industry research, the practical teaching system of economics and management specialty is established. The system can be divided into

four levels. With the development of the curriculum, the knowledge is mastered from fragmentary to systematic, the ability is improved from basic skills to comprehensive quality, and the professional cognition is from superficial to deep.

3. Build a three-dimensional talent training mode to cultivate innovative and applied talents

Through the construction of a practical teaching system of economics and management, which integrates the simulation of working scene and business operation, and introduces the virtual simulation mode of enterprise operation in the practical teaching, and combines the requirements of “going out of school” with the application of modern teaching tools, so that students can exercise their ability, improve their professional quality and improve their learning in the intense and interesting simulated operation management Students’ perceptual cognition of management and post skills can cultivate students’ application ability, comprehensive ability, cooperation ability, judgment ability, decision-making ability and innovation ability in the application process, and cultivate applied, compound, open and innovative talents.

4. Combine practice teaching with innovation and entrepreneurship, and build a number of integrated training base

Innovation and entrepreneurship education needs strong support of teaching resources. The practical teaching system of economics and management specialty with interdisciplinary virtual simulation experiment as the core will combine the school’s in class experiment, practical training course, professional practice and graduation practice, as well as the innovation and entrepreneurship education and training of college students, to combine innovation and entrepreneurship education with teaching plan, innovation and entrepreneurship education with professional discipline construction Combining innovation and Entrepreneurship with practice teaching, and taking interdisciplinary virtual simulation training as a breakthrough point, it has built a comprehensive talent service in professional cognition, professional construction, interdisciplinary practice, employment and entrepreneurship training, innovation project incubation, talent ability evaluation and social practice, the virtual simulation experiment center is the cradle of cultivating compound, applied and innovative talents.

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