Modular Teaching Design of Investment and Financial Management for Actual Combat

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Keywords: Investment and Finance, Profession, Actual Combat, Modular Teaching.

Abstract. The main features of the course are "occupation" and "actual combat". Try to use the financial simulation platform to assist the course teaching, form a new applicable teaching mode and method, break through the bottleneck of the existing teaching reform, and promote the education to face the occupation and actual combat. According to the meaning of the efficiency of investment and financial management and Wall Street standards, the article has carried out a modular teaching design of investment and financial management, so as to achieve better teaching effect, promote the cultivation of students' autonomous learning, cooperative learning and research learning ability, and face the needs of professional practice.

1 Introduction

Investment and financial management courses are important core courses for financial investment majors such as financial management, investment and financial management, as well as elective courses for other economic majors and even other majors such as science and engineering. The main features of this course should be "occupation" and "actual combat". Professionalism is one of the basic attributes of higher education. Higher education aims to cultivate students' ability to engage in applied, technical and practical work of relevant specialties, and to promote the transformation of knowledge into productive forces. The occupation of higher education is mainly realized through professional education. New themes in the occupation field should also be reflected in the school curriculum in a timely manner and promote the curriculum to continuously develop in a more "occupation" direction. Only in this way can higher education truly demonstrate its 'professionalism' [1].

However, at present, most of the teaching materials for investment and financial management courses in China are outdated, out of touch with professional needs, and backward in teaching methods and concepts. Often open the teaching materials, the whole book does not see a K-line chart, the whole book introduces the general situation of various investment targets such as banks, insurance, precious metals, securities, etc., and lacks specific operation methods and strategies on how to teach investment and financial management.

The so-called investment and financial management refers to the turning point of the trend for individual or institutional investors to invest in the investment target and other activities with high investment value and low investment value. How can we maintain and increase the value of wealth? This is the biggest problem that professional combat must face and properly solve! Around the meaning of investment and financial management, it is obvious that the key points of the course can be found: turning point of trend, high throwing and low absorbing points, selection of investment targets, and strategies for maintaining and increasing value.

It is precisely this key content that is missing in most investment and financial management teaching at present, resulting in students not knowing how to choose investment targets, not knowing how to judge buying and selling points, etc. after learning, teaching deviates from professional needs! For this reason, in many years of teaching practice of financial investment, we have carried out modular teaching design of investment and financial management according to the meaning of investment and financial management and Wall Street standards, and achieved certain results.
2 Principles of Modular Teaching Design for Investment and Financial Management

The modular teaching design of investment and financial management shall at least follow the following principles: First, the teaching principles of investing in actual combat courses: occupation, frontier, actual combat, useful and sufficient. Second, the principle of efficiency: define investment and financial management from the perspective of efficiency: the turning point of the trend for individual or institutional investors to invest in investment targets and other activities with high investment and low absorption points, so as to maintain and increase the value of wealth. Third, Wall Street’s guidelines: short positions, taking advantage of the situation, stopping losses and holding long.

According to the above principles, the modules of the investment and financial management course are: overview module, market quotation software and trading software module, trend turning point module, high-throw-low-draw point module, investment target module, light warehouse module, homeopathy module, stop loss module, long-term holding module, failure cause module, trading system module, programmed trading module, spiritual practice module, reading material module, etc.

3 Modular Teaching Design of Investment and Financial Management

An overview module, which introduces the general situation of investment and financial management, understands that it is the most difficult to achieve a balance between desire and reality in this industry. It takes time to hone and go through hardships before one can realize the truth. The necessary time for success is about 10 years, and training can be shortened by half. Teaching principles, teaching methods and teaching modules, etc. The quotation software and trading software module introduces the features of Wenhua Finance WH6, which is the most widely used, and guides the software to download and install, simulate the application of futures trading accounts and the purchase and use of Wenhua beans.

This is a financial simulation platform, which prepares the platform tools for the implementation of subsequent courses. Trend turning point module: the most frightening thing about investing and managing money is that there is no direction! Trend turning point can help find the direction! This paper introduces the trend meaning, identification method, error correction, trend line and its quad-resonance [2], average line and its code and index selection, turning point of deviation from resonance confirmation trend, period selection, period resonance, etc.

The module of high throw and low suction points introduces its meaning and investment value: local high and low points, local high points thrown, waiting for low points to buy flat; Buy at a local low and wait for the high to sell flat. Specific identification methods: (1) oscillation index, such as KDJ; (2) The application of shock index on the premise of moving along the average. Indicator code and its improvement. Investment target module, introducing investment targets: all commodities and their derivatives, such as real estate, precious metals, industrial and agricultural products, bonds, stocks, futures, options, foreign exchange, insurance, etc. Selection principles: clear trend, clear high and low points, large appreciation space, obvious fluctuation range, good liquidity and possibility of maintaining value, etc. Best investment target. The light warehouse module introduces the meaning and significance of light warehouse. For example, heavy warehouse will die. Classification of positions by weight; Risk characteristics of various positions; Increase and decrease the number of warehouses and appropriate opportunities for heavy storage, etc.

The homeopathy module introduces the meaning of homeopathy, determination of homeopathy, homeopathy at different levels, and reversal of trend, and learns all kinds of EMA combinations and their application methods, including cycle, number of periods, number of bars, long arrangement, short arrangement, EMA code and its improvement, EMA color and line type selection, multi-space color change design, etc. There are two ways to follow the trend: adopting large time period and moving average to follow [3]. This module is one of the key modules, in which the moving average code and parameters are modified as key points. Stop loss module, introduces the meaning of stop
loss, types of stop loss methods, truncation loss, technical stop loss and psychological stop loss, time stop loss, wind control order of Wenhua 6, cases of people who don't stop loss, master follow-up stop loss skillfully. The long-term holding module introduces the meaning of long-term holding, making profits run, advantages and disadvantages of long-term holding, and how to hold long-term. Long-short combination strategy, etc. The failure reason module introduces the failure reason, analyzes its psychological process, such as heavy position death, adverse trend death, non-stop loss death, day trading death, uncertain heart death, etc. and its solutions.

The trading system module introduces the meaning of the trading system, the ranking of the ten trading systems of the year, the turtle trading system, the single average trading system, the double average trading system, the multiple average trading systems such as the Kubi line, the Vegas tunnel trading system, etc., the coding of the trading system, and the graphics of the trading system, etc. Multi-period resonance, multi-screen computer, full period. In particular, the graphical trading system is one of the forefront of the industry. Learn to implement it through code writing. Multi-screen computer realizes multi-cycle resonance to judge the market situation, which is the most advanced technical means in the industry. In particular, the issue of financial transactions has become a research hotspot in the field of intensive learning, especially in the fields of stocks, foreign exchange and futures, which has extensive application needs and academic research significance [4]. Improving and optimizing the trading system is one of the keys of this module.

Programmed trading module, introducing intelligent trading or programmed trading and its advantages, foreign exchange futures intelligent trading platform and language, three types of programmed trading platform has shortcomings, the simplest mandarin 8 wheat language programming to achieve single EMA, double EMA, Vegas tunnel and other trading strategies! Programmed trading is based on the analysis and decision of the computerized quantitative model, and automatically trades according to its own rules, which is conducive to overcoming the weakness of human nature, receiving information in real time, processing information, making trading decisions and automatically placing orders [5] Practice module, understand that trading is a practice, and understand the general method of practice.

There are a lot of related documents about "trading is spiritual practice" in Baidu, from which it is not difficult to find that there are many ways to practice trading. The author's experience of trading practice is that practice includes "reading thousands of books, traveling thousands of miles", "playing piano, chess, calligraphy and painting, and a subset of classics and history"! Reading philosophy, such as Tao Te Ching, Sun Tzu's Art of War, Analects of Confucius, reading classic trade books and articles, practicing calligraphy and painting, enjoying music, sports (spreading, Taijiquan, etc. are lifelong events), traveling, charity giving, etc. Of course, adequate simulation and firm offer are indispensable. Reading material modules, reading classic investment books, and classic philosophical works such as Tao Te Ching, Sun Tzu's Art of War, Mao Zedong's Theory of Contradiction and Practice are essential nutrients for growth. These classics are collected and put into group files for students to learn and use, which is convenient and fast.

4 Conclusion

According to the main characteristics of investment and financial management courses, namely "occupation" and "actual combat", this paper attempts to use the financial simulation platform to assist the teaching of courses to form a new applicable teaching mode and method, which effectively breaks through the bottleneck of the existing teaching reform and promotes education to face occupation and actual combat. According to the meaning of the efficiency of investment and financial management and Wall Street standards, the article has carried out a modular teaching design of investment and financial management, so as to achieve better teaching effects, especially the adoption of a financial simulation platform. With the help of futures simulation trading, students can promote the cultivation of their autonomous learning, cooperative learning and research learning ability, so that the trained students can face the needs of professional practice.
References


