

# Research on the Construction and Practice Path of "12345" Integrated Innovation And Entrepreneurship Education System In Colleges And Universities Under the Background Of "Mass Entrepreneurship and Innovation" Upgrading

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**Abstract:** The construction of innovation and entrepreneurship education curriculum system is an important part of innovation and entrepreneurship education in colleges and universities under the background of "mass entrepreneurship". Aiming at the main problems existing in the current curriculum system of innovation and entrepreneurship education, this paper analyzes the principles of the construction of the curriculum system of innovation and entrepreneurship education, clarifies the construction logic of "advanced" in the whole process of education, and explores the "five dimensional" innovation and entrepreneurship education system of "goal+ subject + resource + carrier + time and space", which is of great significance for improving students' comprehensive quality and innovation and entrepreneurship ability.

**Keywords:** "12345"; entrepreneurship education; practice path; mass entrepreneurship; innovation

## 1. INTRODUCTION

At present, China has entered the decisive stage of building a moderately prosperous society in all respects. In order to realize the fundamental development tasks of industrialization, urbanization, agricultural modernization and informatization, the state has proposed and actively promoted such major development strategies as "mass entrepreneurship and innovation" and "innovation driven". As the core force of innovation and entrepreneurship, science and engineering students are the main objects of deepening the reform of innovation and entrepreneurship education in colleges and universities. Therefore, to improve their innovation awareness, innovation and entrepreneurship education, as the practical basis for innovation and entrepreneurship of contemporary young people, plays an important role in influencing the rapid change and development of social economy.

Under the guidelines and policies of the education reform, the mass entrepreneurship and innovation education has become increasingly perfect, seamlessly connected with the general environment, and adapted to the development of the times. Its essential core is to develop its innovation consciousness and thinking, improve its entrepreneurial ability and quality, and cultivate its innovation and entrepreneurship spirit. The essential attribute of innovation and entrepreneurship education is practicality. The ideal innovation and entrepreneurship curriculum system requires the combination of theory and practice teaching, and in terms of class hours, the theory curriculum is equivalent to the practice curriculum, and even requires the practice curriculum as the main curriculum.

The key to the cultivation of innovation and entrepreneurship talents is to let learners experience the experience and feelings

of entrepreneurship in the process of innovation and entrepreneurship, rather than just mastering the systematic theoretical knowledge of innovation and entrepreneurship. According to the development law of education and teaching, the construction of innovation and entrepreneurship education curriculum system also follows the general law of "from simple to deep" and "from theory to practice", Through the process of "innovative thinking and awareness cultivation - innovative entrepreneurship simulation training - innovative entrepreneurship practice", college talent training has reached a consensus on constantly improving the innovative ability of college students, but there is no consensus on the relevant concepts of upgrading innovative ability training to innovative entrepreneurship ability training. Entrepreneurship requires competence is shown in the figure.

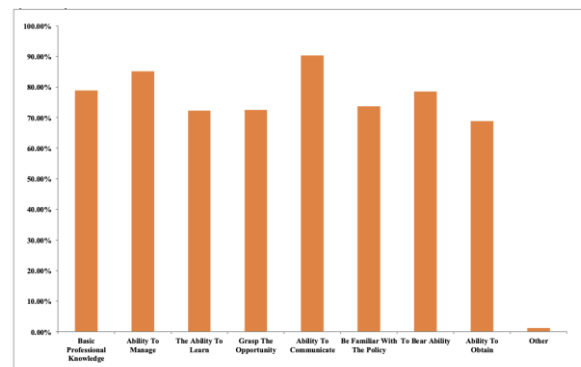


Figure. 1 Entrepreneurship Requires Competence

## 2. THE PROPOSED METHODOLOGY

### 2.1 Problems in the Construction of Innovation and Entrepreneurship Education Curriculum System

The existing teachers in colleges and universities are short of personnel specialized in innovation and entrepreneurship education. Most of the teachers in the team are responsible for the teaching of theoretical courses. At the same time, they may also be professional teachers in other disciplines or administrative personnel. Their theoretical knowledge of innovation and entrepreneurship is far stronger than their practical ability, but they have no successful experience of innovation and entrepreneurship and lack of practical experience of innovation and entrepreneurship. In the stage of college education, We should not just attach importance to the teaching of theoretical knowledge. In order to enable contemporary college students to integrate into the society faster and grow into pillars, we should attach great importance to innovation and entrepreneurship education practice courses at the school stage.

Through this course, we can improve college students' enterprise knowledge, broaden their horizons, and cultivate their innovation and entrepreneurship skills. The innovation and entrepreneurship education carried out by the Open University is based on the previous radio and television universities' training of students' independent learning ability and professional ability, and focuses more on cultivating students' innovation and entrepreneurship quality and ability, making them have innovation awareness, strengthening students' entrepreneurship awareness and cultivating entrepreneurship ability, and providing a steady stream of high-quality innovative talents for the development of the national economy in the new era. Thirdly, share the entrepreneurial cases and experiences of successful people.

### 2.2 Construction of "12345" Innovation and Entrepreneurship Education System in Open University

Ensuring adequate capital investment and strengthening necessary policy support are the basic core of the rapid development of innovation and entrepreneurship education in colleges and universities. Innovation and entrepreneurship education requires not only theory teaching, but also hands-on practice. It also needs to be equipped with excellent teachers, high-quality exchange, learning and training opportunities, and various practice platforms that vary from person to person. Innovation and entrepreneurship education practice courses mainly include entrepreneurship practice and simulated entrepreneurship experiment. Among them, there are two ways to implement entrepreneurship practice. One is to use the practice platform built on campus, such as the practice platform established by the university and the mass innovation space, to provide college students with opportunities for practical experience and improve their comprehensive practical ability.

From this point of view, compared with college students, they have more urgent learning intention and determination and drive to put into practice for the learning of innovation and entrepreneurship courses. Therefore, the target audience of innovation and entrepreneurship education in the Open University is also divided into three parts.

The basic reason for the low entrepreneurial willingness of domestic college students is the general lack of innovation and entrepreneurship ability.

Therefore, colleges and universities should start from the talent training program, integrate various educational resources, create a scientific, reasonable and practical innovation and entrepreneurship education curriculum system, and take the cultivation of college students' innovation and entrepreneurship ability as one of the important objectives of talent training. First of all, we should establish a scientific evaluation method to improve teachers' professional level and teaching ability, and promote their upward development; Secondly, we need to further improve the standards for evaluation and employment of professional and technical posts and performance assessment, highlight the status of innovation and entrepreneurship teachers, and then drive the enthusiasm and initiative of teachers to participate in the innovation and entrepreneurship education.

## 3. CONCLUSION

Aiming at science and engineering college students under the background of "new engineering" construction, this paper analyzes the necessity and challenges of innovation and entrepreneurship education in depth, based on the research and collation of existing literature on the evaluation of innovation and entrepreneurship ability of college students and the research on the promotion path. Emphasize the principles of integration with disciplines and specialties, highlight practical links, etc., start from the characteristics of students, closely combine the characteristics of disciplines and specialties, build a systematic and reasonable innovation and entrepreneurship education curriculum system, and enhance students' innovation awareness and innovation ability.

## 4. ACKNOWLEDGEMENT

Scientific research project of Hunan Provincial Department of education in 2019 "Research on the construction and practice path of "12345" integrated innovation and entrepreneurship education system in Colleges and Universities under the background of "mass entrepreneurship and innovation" upgrading "(19C1302).

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