
Research on the path of the deep fusion of Innovation and Entrepreneurship education and Professional education

Xiaolin Zhu ^{1, a}, Wang Wei ^{2, b}

¹University of Science and Technology Liaoning, Anshan, 114000, China;

²University of Science and Technology Liaoning, Anshan, 114000, China;

Abstract

This paper analyzes the main problems of Innovation and entrepreneurship education and professional education depth fusion in the current normal university. From the aspects of teaching staff construction, talent training target, teaching content and teaching mode, the basic path of Innovation and entrepreneurship education and professional education depth fusion is explored. In order to cultivate high-level talents with both solid professional foundation and professional skills and strong innovation spirit and entrepreneurial ability.

Keywords

Innovation and entrepreneurship education. Professional education. The depth of the fusion.

1. Introduction

Innovation and entrepreneurship education is a new education concept and model proposed by western countries in the 1980s. Innovation and entrepreneurship in colleges and universities in our country has been generally carried out in colleges and universities. The ministry of education has made it clear: "innovation and entrepreneurship education must face all students of colleges and universities, and integrated into the whole process of personnel training, the entrepreneurship education effectively in professional education, establish a multi-level, three-dimensional innovation entrepreneurship education curriculum system". It can be seen that university innovation and entrepreneurship education and education have to be deeply integrated in order to cultivate talents with both solid professional knowledge and high innovative entrepreneurial spirit and ability.

2. The definition and existing problems of the deep fusion of Innovation and entrepreneurship education and professional education.

2.1 Innovation and entrepreneurship education and professional education depth fusion definition.

Innovation and entrepreneurship education has become an inevitable trend in the development of education. The cultivation of college students' innovation and entrepreneurship ability has become the primary goal of talents training in colleges and universities. The innovation and entrepreneurship education concept is integrated into the undergraduate talent training program. Integrate innovation and entrepreneurship education into professional courses and professional practice teaching. Strengthen the deep integration of education and education. It is the best way to promote innovation and entrepreneurship education and improve students' innovative entrepreneurial ability.

2.2 Innovation and entrepreneurship education and professional education depth fusion existing problems.

At present, colleges and universities have carried out innovation and entrepreneurship education, and some achievements have been made, but there are also many problems. The specific performance is as follows:

(1) The goal of talent cultivation is divided. There are two major problems in this area: The one is the most colleges and universities in personnel training target basically is given priority to with professional applied talents cultivation, ignore the innovation entrepreneurship is a critical problem, and even the innovation entrepreneurship education as a part of the employment education, student creative ability should be brought into the talent training goal; The other one, some colleges and universities to cultivate the innovative entrepreneurial talent training as talent cultivation goal, there is no organic combination with professional education or weaken the role of professional education in the creative education, creative education and professional education fracture phenomenon, whose key problem is no innovation entrepreneurship education and professional education in depth.

(2) The content of talent cultivation is divided. Through investigation and discovery, universities are carrying out innovation and entrepreneurship education process. have set up courses such as "career planning", "innovation education", "entrepreneurship education" and "career guidance" etc. Some compulsory courses, some courses start way, scope of course have a plenty of professional students of administration oriented, have a plenty of in view of the whole school students, period distribution have a plenty of 16 hours, have a plenty of 32 hours..... The teachers of the course are mainly the staff of the professional teachers, the public teachers and the school management department. According to the unified teaching content, unified teaching courseware and unified teaching arrangement, there exists the phenomenon that teachers do not understand students' major and professional teachers do not understand innovation and entrepreneurship. The teaching content and professional education split off phenomenon. Students still do not know how to carry out innovation and entrepreneurship relying on their professional background and professional knowledge. It has influenced the teaching effect of education and the improvement of students' innovation and entrepreneurship ability. The effect of students' actual entrepreneurship is affected.

(3) The way of talent cultivation is divided. At present, education of innovation and entrepreneurship in colleges and universities is mainly in the form of related courses, relevant lectures and relevant discipline competitions. In particular, the second class of lectures and competitions is more active and concentrated. Focusing on the cultivation of students' innovation and entrepreneurship skills, but neglecting the cultivation of students' basic theory, conditions and spirit of innovation and entrepreneurship, Ignore the education of innovation and entrepreneurship method of different professional students; Education in the professional course, especially in science and engineering students, education innovation and entrepreneurship education is not enough or no phenomenon at all. This is mainly due to the fact that science and engineering teachers have no knowledge of innovation and entrepreneurship education. As a result, some students want to start a business but do not have the conditions to start a business. Some students want to start a business but do not have the basic knowledge and quality of entrepreneurship. Some students want to start a business but are afraid to start a business. In the process of guiding students to participate in all kinds of course contests, often there are engineering students understand don't understand the professional management, not to write a business plan, and the economic management class students understand but do not understand the phenomenon of professional, can't really realize the discipline overlapping, the serious influence students' grades.

3. The concrete path of the deep fusion of Innovation and entrepreneurship education and professional education.

3.1 Strengthen the construction of teaching staff.

The key to the deep integration of Innovation and entrepreneurship education and professional education is teachers. Because teachers are the primary source of students' knowledge. The construction of teaching staff mainly includes two aspects: Is a professional teacher the cultivation of creative thinking and related knowledge and learning, can take to experience each college for learning and training, and credentials the exercise can send professional teachers to the enterprise to carry on the practice ability of learning and training, Truly innovative entrepreneurial knowledge and the depth of the professional teachers' professional knowledge fusion, let the students know how according to their own professional innovation and entrepreneurship, so that students in theoretical master professional knowledge and master relevant theory, entrepreneurial innovation based on professional knowledge to lay a good foundation for innovation and entrepreneurship. The second is to hire entrepreneurs from different industries to set up a team of entrepreneurial mentors and offer courses in innovation and entrepreneurship. To offer practical guidance on how to start an enterprise, how to plan, how to operate and how to manage it. This can not only make up for the lack of actual entrepreneurial experience of teachers in the school, but also can guide students more directly and more effectively on the road of innovation and entrepreneurship.

3.2 It is clear that "professional education + innovation and entrepreneurship education" combines the compound talents training target.

Full implementation of the ministry of education proposed "the attention to cultivate students learning ability, employability and entrepreneurship", "from meet the employment needs to attaches great importance to the innovation consciousness and creative ability" and other related requirements, Focusing on the cultivation of "wide caliber, thick base, heavy practice, high quality" specialized personnel, Local university must be professional education and creative education depth fusion, can play the basic function of professional education and creative education, causes the student to master the professional skills and strong ability of innovation and entrepreneurship.

3.3 Promote in-depth integration of teaching content.

This work need to do two aspects: one is penetrating innovation entrepreneurship education in the professional education, namely in the whole process of professional course teaching innovation entrepreneurship education and practical training, causes the student to rely on professional knowledge and professional skills for innovation and entrepreneurship, The applicability and practicability of education is highlighted, which can effectively improve students' ability to combine theory and practice, analyze problem solving ability, practice application ability and innovation ability. Second, we need to carry out innovation and entrepreneurship education through professional education, and solve the existing innovation and innovation. Only focus on innovation and entrepreneurship to know education, and make innovation and entrepreneurship education on the basis of professional education, so that innovation and entrepreneurship education will actually fall to the ground.

3.4 Take a flexible and varied teaching model.

The first is to continue to strengthen the role of classroom teaching in the integration of the two main positions. Each major can combine the objectives of strengthening students' ability to foster innovation and entrepreneurship to develop a curriculum group suitable for themselves. Such as innovation management, entrepreneurship management, business management decision-making simulation, entrepreneurship cultivation, business plan writing, innovation case analysis, SME management, investment project evaluation, etc. Make students learn to rely on, create a foundation, and improve the pertinence and effectiveness of classroom teaching;

Second, there are plans to start various forms of seminars. The design of lectures should reflect the scientific nature of innovation and entrepreneurship, and the content should reflect the integration of professional education and innovation and entrepreneurship education, as well as planning and regularity in time planning. Completely resolve the irregular and dispersive nature of the previous lectures. Ask experts in a certain area to talk about issues that they wouldn't have.

The third is to push forward the application for innovation and entrepreneurship projects. Teachers in the classroom must carefully guide students in the application and research of innovation and entrepreneurship projects according to their professional characteristics. Effectively solve the problems of current large-scale projects focusing on education projects, service projects, and sales projects.

Fourth, guide students to participate in various types of innovation and entrepreneurship competitions. And to ensure that professional teachers can personally guide students, they can take the form of joint instruction of engineering teachers and economic management teachers and joint application of different professional students. Each school should set up a special website to put the information of teachers of different disciplines who have conditions and guide students to participate in the discipline competition on a fixed website. When students have needs, they can go directly to the website and select a tutor. They must effectively solve the phenomenon of student headlong flies. Sometimes they cannot find suitable instructors. Some students choose to abandon the competition.

Fifth, carry out various innovative and entrepreneurial activities. Various professions have plans and laws to carry out various activities according to professional characteristics. Such as innovation and entrepreneurship forums, various dialogue activities, entrepreneurs entering the campus into classrooms, project roadshows, and face-to-face entrepreneurship, I am a small entrepreneur, etc. Students are allowed to participate in various practical activities on the ground, which has an important leading role in enhancing their awareness of innovation and entrepreneurship, their innovative and entrepreneurial abilities, and their suitability for the future.

3.5 Give full play to the engineering training center, the college students pioneer park, the maker space function.

Colleges and universities should speed up the construction of a batch of engineering training centers, college students' entrepreneurship parks and makers' space around various professional features. To get more students to enter here, to accept the relevant innovation and entrepreneurship training, to achieve full coverage and full participation. Carry out the customized training mode, "3+1" training mode of enterprises, so as to enable students to contact with the enterprise and understand the practice as soon as possible. Students should be encouraged to enter into enterprises for practice and practice, so as to cultivate composite applied talents with skills, management, practice and management.

In short, Integrating innovation and entrepreneurship education with professional education has become the inevitable trend of Innovation and entrepreneurship education and professional education. As a college teacher, it is necessary to study deeply, find the path, and strive for the limitation, so as to contribute to the cultivation of more and better innovative and entrepreneurial talents.

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References

- [1]Chen jingjing. Practice and reflection on the cultivation of innovation and entrepreneurship of college students in local agricultural universities [J]Chinese Adult Education.2014(9)
- [2] Mei weihui. Entrepreneurial talent training new horizon: whole school sex entrepreneurship education theory and practice.[J]Education Research.2012(6).
- [3] Huang zhaoxin,Wang zhiqiang. On the integration of education and education in universities [J] Education Research.2013(12).
- [4] Liu yan.Yan guodong. Innovation and entrepreneurship education is deeply integrated with education. [J]Chinese University Teaching,2014(11)
- [5] Huang zhaoxin. Taking the position entrepreneurship as orientation: the strategic choice of education transformation and development of university entrepreneurship [J].Education Research, 2012(12).
- [6] Xie xiaoliang. On the integration and innovation of education and education in universities.[J] Journal of Hunan Business School.2015 (6).