

EXPLORATION ON THE INTEGRATION OF "FOOD MICROBIOLOGY" COURSE INTO IDEOLOGICAL AND POLITICAL EDUCATION UNDER MULTIPLE BACKGROUNDS

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Abstract: The article first expounds the importance and necessity of integrating the "food microbiology" course into ideological and political education under multiple backgrounds, then sorts out the basic ideas of "food microbiology" course integration into ideological and political education under multiple backgrounds, and then puts forward multiple Effective measures to integrate the "food microbiology" course into ideological and political education under the background, and finally explain the specific effects of the integration of "food microbiology" course into ideological and political education under multiple backgrounds.

Keywords: "Food Microbiology" course; Ideological and political education; Multiple backgrounds

1 THE IMPORTANCE AND NECESSITY OF INTEGRATING "FOOD MICROBIOLOGY" COURSE INTO IDEOLOGICAL AND POLITICAL EDUCATION UNDER MULTIPLE BACKGROUNDS

The "Guidelines for the Ideological and Political Construction of College Curriculum" (hereinafter referred to as the "Outline") clearly pointed out the strategic measures to integrate ideological and political education into the curriculum teaching of colleges and universities, and emphasized the importance and necessity of ideological and political education [1]. Curriculum ideology and politics is an educational concept that colleges and universities implement the party and the country's educational policies, expand the connotation of traditional teaching and educating people, and improve professional training programs and curriculum systems. Cultivate students' abilities and shape students' correct three views, so as to build a large pattern of all-round education. At the same time, the ideological and political course is in line with the engineering education professional certification, world-class university and first-class discipline construction measures implemented in my country in recent years: output-oriented, improve the quality of education. As the core course of engineering food majors, the "Food Microbiology" course mainly studies the development of microbiology, the structure and function of microbial cells, nutrition and growth, physiological metabolism, genetics and variation, ecology and classification, as well as microbiology and food processing, food safety etc. In teaching, teachers use modern information technology to adopt "three-stage" teaching (basic theories and concepts of memorization at the primary stage are taught online, and discussions, analysis, evaluation, and practice at the intermediate stage are taught online and offline. Blended teaching, advanced stage can stimulate students' creative teaching content using online and offline blended teaching), improve the quality of teaching, and help to achieve the goal of cultivating talents in colleges and universities under the new situation, that is, to cultivate independent and lifelong learning ability, and to be able to find problems Innovative, application-oriented, and compound excellent food talents who analyze, analyze, and solve complex problems. The "Food Microbiology" course is a highly theoretical and practical professional course, which is closely related to human daily life and production. Many basic knowledge and research applications covered by it have good educational value and potential. A good carrier for integrating ideological and political education into professional course teaching. Therefore, under the background of the current engineering education professional certification, world-class universities and first-class discipline construction, the integration of "food microbiology" course teaching into ideological and political education is of great significance to the cultivation of high-quality food engineering professionals in colleges and universities.

1.1 Importance

The "Outline" pointed out that in the "trinity" of the talent training goals of value shaping, knowledge imparting, and ability training in colleges and universities, value shaping is the top priority. To comprehensively promote the ideological and political construction of the curriculum is to guide the values in the teaching of knowledge and ability training, and help students shape the correct world outlook, outlook on life, and values. Long-term peace and stability will affect and even determine the rejuvenation of the nation and the rise of the country. Integrating ideological and political education into the course teaching of "food microbiology", on the basis of traditional "indoctrination" teaching, focusing on heuristic, collaborative and inquiry-based teaching, this innovative teaching mode that integrates ideological and political education into professional course teaching It can not only cultivate students' various abilities and stimulate students' national pride and professional self-confidence in imparting knowledge, but also help students shape the correct three views. The "Outline" is consistent with the general philosophy of the relevant documents of engineering education professional certification and the overall plan for promoting the construction of world-class universities and first-class disciplines: the quality of undergraduate education is the foundation for the improvement of the quality of university education and the extension of connotation, and the construction of courses and Innovation is

the key to ensuring the quality of undergraduate education, and it is also the core content and element of professional development and personnel training. In addition, integrating ideological and political education into professional courses can further sublimate the traditional concept of teaching and educating people, expand the depth and breadth of professional education, and make professional education more vivid. Inevitably required. Only by doing a good job in the ideological and political construction of the curriculum can colleges and universities cultivate various socialist builders and successors that meet the needs of the country and have international competitiveness.

1.2 Necessity

The cultivation of talents in colleges and universities is a process of combining educating talents and educating talents. At present, the phenomenon of "two skins" between professional education and ideological and political education still exists in colleges and universities to varying degrees, failing to form a joint force for educating people and play the function of curriculum educating people. To comprehensively promote the ideological and political construction of the curriculum is to solve this problem, take education and teaching as the most basic and fundamental work, build a higher-level talent training system, and promote the all-round development of students. The "Food Microbiology" course is a professional core course of food disciplines. Since this course undertakes the function of guiding students to lay down the basic knowledge related to food majors, it is arranged to be offered in the second semester of the second academic year before the start of professional courses. Offering the course "Food Microbiology" in this semester and integrating ideological and political education into the teaching can help students build professional confidence and establish correct socialist core values, which will greatly promote the all-round cultivation of talents in colleges and universities, so as to give full play to the professionalism of colleges and universities. The function of education and ideological and political education jointly educating people. Therefore, under the background of engineering education certification and first-class discipline construction, integrating ideological and political education into the "food microbiology" course can promote the comprehensive literacy ability training required by engineering education certification and the improvement of university education quality required by world-class universities and first-class discipline construction. It also just fits the requirements for the cultivation of engineering and technical talents in food disciplines under the background of new engineering technology integration [2].

2 THE BASIC IDEA OF INTEGRATING THE "FOOD MICROBIOLOGY" COURSE INTO IDEOLOGICAL AND POLITICAL EDUCATION UNDER MULTIPLE BACKGROUNDS

When integrating ideological and political education into the "food microbiology" course, we must adhere to the principles of political thinking, political determination and political bottom line, establish innovative educational and teaching concepts, and at the same time strengthen the promotion of ideological and political construction of professional courses [3]. The "three-stage" teaching innovation of the "Food Microbiology" course is to change the traditional knowledge "instilling" teaching mode, and combine the imparting of professional knowledge with the cultivation of students' comprehensive abilities through smart teaching (various related online platforms). On the basis of the "three-stage" teaching innovation reform of the "food microbiology" course, the integration of ideological and political education can realize the organic integration of professional knowledge imparting and moral cultivation. In this way, the teaching content and teaching methods of the "Food Microbiology" course will become more enriched and substantial, which can make the value delivery system of undergraduate education more perfect, so as to demonstrate the concept of educating people in line with the national education policy. Therefore, in the actual implementation, ideological and political education can be integrated into each link of the "three-stage" innovative teaching of the "food microbiology" course (such as revision of the syllabus, teaching plan, teaching methods, etc.) to expand the breadth and depth of the course and temperature. In addition, seize the "main battlefield" of classroom construction, fully excavate and refine the hidden ideological and political elements (such as spiritual connotation and ideological value) in the course teaching of "Food Microbiology" (the course itself, the lecturer, and the students attending the lecture), And combine the ideological and political elements implicit in the teaching of this course with the quality education in the professional certification of engineering education and the quality education in the double first-class construction and the goal of improving the quality of university education, subtly and silently integrated into the teaching of the "Food Microbiology" course, which is conducive to achieving the overall teaching goal of cultivating talents in an all-round way. In the "three-stage" innovative teaching mode of the "Food Microbiology" course, teachers use multiple online platforms (Smart Campus, Superstar, Course Center, Learning Link and various online databases in the library) and various teaching methods (Such as blended teaching, MOOC, flipped classroom and other interactive teaching forms), create a relaxed, equal, free and democratic learning atmosphere, which can stimulate students' interest in learning, develop students' innovative potential, and cultivate students' spirit of exploration. At the same time, students are encouraged to actively participate in the declaration of innovative projects for college students, join the research groups of teachers of the departments to conduct related research projects, and participate in relevant academic reports organized by the school and departments, so as to stimulate the combination of learning and thinking, the unity of knowledge and action, and build up professional confidence. Heart and national pride, so as to comprehensively improve the quality of ideological and political education [4]. In addition, it is also necessary to continue to explore other ideological and political elements of the "Food Microbiology" course and other ideological and political education models or methods of the course, in order to continuously promote the innovation of the "Food Microbiology" course,

and make it compatible with engineering education professional certification and dual education. The goal of comprehensive literacy education required for first-class construction is integrated.

3 EFFECTIVE MEASURES TO INTEGRATE "FOOD MICROBIOLOGY" COURSE INTO IDEOLOGICAL AND POLITICAL EDUCATION UNDER MULTIPLE BACKGROUNDS

The integration of ideological and political education into the "food microbiology" course needs to start from many aspects. First, we must innovate the concept of educating people, and second, we must vigorously promote ideological and political education from the two levels of schools and departments. The four aspects of classroom, "main channel" teaching, and "new force" students excavate ideological and political elements, and formulate relevant policies to encourage the construction of curriculum ideological and political system and carry out curriculum ideological and political construction, create a "golden class" of curriculum ideological and political, and form multi-link coordination. The ideological and political education model cultivates socialist builders and successors who meet the needs of the country and have international competitiveness.

3.1 Innovate Teaching Concepts and Build a Pattern of Ideological and Political Education

According to the innovative design of the "three-stage" teaching mode of the "Food Microbiology" course, the teaching team makes full use of various online teaching platforms and technologies, revises the teaching content, actively innovates the teaching mode, and improves the teaching methods, so as to improve teaching activities. Integrate ideological and political education into each link. In addition, at the school level, the party and the government should work together, do a good job in top-level design and overall deployment, systematic planning, and hierarchical advancement. At the same time, each second-level college actively cooperates with school policies and arrangements, plays the role of a battle fortress, implements school-level policies, and keeps track of and grasps the ideological trends of teachers and students in various professional courses, encourages demonstrations and models to take the lead, and Set up a model, point to the area, comprehensively promote and implement the ideological and political construction of the curriculum, in order to achieve the deep integration of professional education and ideological and political education in the true sense.

3.2 Intensify the Propaganda of Ideological and Political Construction of Courses, and Create a Healthy and Progressive Atmosphere for Educating People

The integration of ideological and political education in professional courses is a brand-new educational concept: "Courses have ideological and political aspects, and teachers teach and educate people." The implementation of integrating ideological and political education into professional course teaching needs to do a good job in publicity and popularization [5]. First, the school regularly holds ideological and political education and training based on the principle of resource sharing. In addition, the department actively cooperates with the school to regularly carry out teaching and research activities related to the ideological and political construction of the course. By allowing members of the teaching team to listen to and evaluate each other's lectures, they explore and study the ideological and political elements contained in the "Food Microbiology" course and its bearing. The function of ideological and political education, timely discover and solve the problems existing in the construction of professional courses, and then deepen the understanding of professional course teachers on the overall level of ideological and political construction of courses, and finally find effective measures and methods of ideological and political education to ensure the smooth implementation of ideological and political construction of courses. Second, on the basis of the guarantee of the school level and relevant systems of the department, professional course teachers and ideological and political educators collaborate and share the education platform to build an ideological and political education team for the "food microbiology" course. During this period, professional course teachers and The ideological and political educators of the college often carry out collective discussions and lesson preparation in the form of teaching team seminars, and integrate ideological and political education into all aspects of professional course teaching in a silent manner, in order to effectively improve the effect of university education [6]. Third, establish and improve the evaluation and incentive mechanism for the teaching team of the "Food Microbiology" course, and pay equal attention to the equal rewards for professional course teachers and ideological and political workers, so as to encourage professional course teachers and ideological and political educators to cooperate and coordinate with each other. In addition, schools and departments should include ideological and political education work into the year-end performance workload calculation, annual assessment, evaluation and awards, rank promotion, and professional title evaluation, and give appropriate policy tilts and rewards [7], so as to stimulate the ideological and political workers. positivity.

3.3 Excavate the Ideological and Political Elements Contained in Professional Courses, and Clarify the Responsibilities of Teachers (Keep the Canal and Farm)

Excavating the ideological and political elements in professional courses not only requires the cooperation of teachers of various professional courses, but also requires teachers of professional courses to clarify their own responsibilities, guard their own canals, and plant their own acre of land. Educate people and educate yourself. When teachers dig out the ideological and political elements in professional courses, they must clearly realize that ideological and political

education cannot weaken or even replace the content of professional courses, let alone deviate from the party's educational policy. First of all, deeply excavate the ideological and political elements contained in the "food microbiology" course itself, and clarify the ideological and political education function carried by the course [8]. Excavating ideological and political elements from the teaching content, for example, looking at the development history of microorganisms, as early as 4,000 years ago, although the working people in our country did not know the existence of microorganisms, they relied on their own wisdom to use microorganisms to carry out production practice labor, including bread making, wine making, vinegar making, sauce making, fertilizing, curing diseases, etc., have made great contributions to the development of microbiology; Tang Feifan, a Chinese microbiologist, isolated and purified the trachoma pathogen through repeated experiments, and was later known as the "father of Chlamydia". He has made great contributions to the development of the modern history of microbiology. The teaching of these teaching contents will help students build professional self-confidence, national pride, social responsibility and correct world outlook, outlook on life and values. Of course, there are many knowledge points (microbes in food safety, microbes in medicine, agriculture, environmental protection, etc.) that contain ideological and political elements. Ideological and political elements can also be excavated from teaching methods to cultivate students' selfless dedication, professional responsibility, and teamwork awareness. For example, teachers can draw out the knowledge points to be taught through specific cases or examples that students are familiar with, instead of directly explaining the principles; pay attention to the introduction of background materials when imparting knowledge points; focus on interacting with students instead of adopting "cramming duck" teaching methods; Pay attention to standardizing the order of the classroom to help students develop good learning habits; pay attention to the speech and behavior in class, treat students with sincerity, and guide people with behavior and emotions; and so on. Secondly, excavate the ideological and political elements contained in the "main force" of teachers, such as teachers' excellent academic quality, personality charm, teacher's morality, etc., so that students can "personally" and "believe in their way". Finally, excavate the ideological and political elements in students' learning behavior, and ingeniously integrate them with the teaching content and teaching methods of professional courses, so that students can resonate with teachers' teaching content and teaching methods. In addition, we must also pay attention to creating a good online and offline teaching atmosphere (such as friendliness, civilization, democracy, freedom, equality, justice) [9].

3.4 Create a "Golden Class" of Ideological and Political Courses, and Establish a Sound Incentive Mechanism

First of all, the teaching team sorted out the "three-stage" teaching content, teaching methods and teaching methods of the "Food Microbiology" course, deeply excavated the ideological and political elements contained in the course and the teachers, and organically, moistened things and silently Integrate into the teaching of "Food Microbiology" course. Secondly, since teachers are the key to promoting curriculum ideological and political construction, teachers of professional courses should be encouraged to participate in special trainings on "New Era Education and Curriculum Construction" and "Curriculum Ideological Politics and Education and Teaching Ability" to achieve morality (personal political quality) Excellent, have correct ideals and beliefs, noble character), sensible (understand the moral elements of ideological and political connotation, know how to behave), and acquire skills (good at digging out the moral elements contained in the curriculum and the educational functions carried by them, and will be based on the ideological and political aspects of the curriculum) Teaching new design) to comprehensively improve the quality and ability of professional course teachers to ensure that the ideological and political construction of the course is effective. In addition, it is necessary to frequently summarize the experience of ideological and political construction in the course teaching of "Food Microbiology", gradually optimize and improve the ideological and political construction of this course, and create a "golden class" of ideological and political courses for professional courses. Finally, the departments should actively cooperate with the relevant teaching management departments at the school level to establish a sound professional course ideological and political education quality evaluation system and assessment incentive mechanism, and introduce some corresponding supporting incentive policies to continuously improve and perfect the ideological and political construction of courses, such as Link the evaluation results of the ideological and political construction of the course with the teaching evaluation of the teachers, give strong support and commendation to the outstanding achievements of the ideological and political construction of the course, and include them in the performance salary assessment and awards at the end of the year, so as to effectively stimulate teachers' desire to build morality and cultivate people positivity.

4 THE SPECIFIC EFFECT OF INTEGRATING THE "FOOD MICROBIOLOGY" COURSE INTO IDEOLOGICAL AND POLITICAL EDUCATION UNDER MULTIPLE BACKGROUNDS

The practice and operation effect of integrating ideological and political education into the "food microbiology" course is mainly reflected in the students' understanding of the ideological and political elements integrated into the course during the learning process, and the students' knowledge is mainly reflected in the comprehensive quality and ability of the students. Boost on [10]. How effective the implementation of ideological and political education in the "Food Microbiology" course mainly depends on the feedback of the two stages of the course teaching process of the internal cycle and the continuous development of the graduation cycle outside the school. The operation mechanism of talent training evaluation and the evaluation index of the ideological and political education effect of the course can be used to assess and evaluate the two stages of the course teaching process in the school and the continuous development of

graduation. First, in the course teaching stage of the intra-campus cycle, the school level and departments should first focus on evaluating whether the teaching content selected by the teaching team and teachers of the "Food Microbiology" course and the teaching activities organized are scientific and reasonable, as well as the professional content delivered and adopted. Whether the ideological and political education method can coordinate education and whether it is effective; then investigate the students' satisfaction and understanding of the teaching content and teaching activities of the "Food Microbiology" course, and evaluate and examine whether the students have effectively acquired Professional knowledge and whether the comprehensive quality and ability have been improved through the ideological and political education in the "Food Microbiology" course. Second, in the post-graduation continuous development stage of the off-campus cycle, through regular invitations to experts and alumni for seminars, visits to employers, or questionnaire surveys, focus on investigating whether professional course teaching and ideological and political education have achieved the effect of collaborative education. The feedback and suggestions from the two stages of course teaching process and graduation continuous development can be used in the continuous improvement of professional course ideological and political construction in the future, and optimize the professional course teaching in the continuous cycle of "feedback-continuous improvement-feedback-continuous improvement". Ideological and political education aims to achieve the comprehensive improvement of college students' comprehensive quality and ability, so as to meet the current national education policy, engineering education professional certification, and the education goal of "double first-class" construction.

5 CONCLUSION

The ideological and political construction of college courses is an educational policy proposed by the Ministry of Education of my country. Integrating ideological and political education into curriculum construction and teaching, imparting professional knowledge and cultivating people through morality is just in line with the current implementation of engineering education professional certification, world-class universities and first-class universities in my country. The measures of discipline construction are aimed at improving the quality of university education and cultivating socialist successors and builders with international competitiveness. However, in the implementation (design, implementation, evaluation, etc.) of the ideological and political construction of college courses, it is necessary to continuously improve the ideological and political work system of the curriculum, take students as the center, and be output-oriented, and firmly grasp the "main force" teachers, "the main force". "Battlefield" classrooms and "main channel" teaching are all for students and everything for students, firmly occupying the central position of talent training, so as to build a comprehensive education pattern in colleges and universities.

COMPETING INTERESTS

The authors have no relevant financial or non-financial interests to disclose.

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