

The Application of Group Task in Curriculum Ideology and Politics---- Take Introduction to Immunology as an Example

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Abstract: The socialist school running direction of our country's higher education fundamentally decides: Who do the colleges train people for? What kind of people? How to train people? Taking the professional course "Introduction to Immunology" as an example, this paper discusses the necessity of implementing curriculum thinking and politics in professional courses, the combination mode of online and offline thinking and politics in team task course, the teaching characteristics of team task course thinking and politics, and explores the application of team task in curriculum thinking and politics.

Keywords: Introduction to immunology; Curriculum ideological and political; Group task

Fund Project:

Acknowledgments: This work was supported by Shandong Undergraduate Teaching Reform Research Project (M2023122), Industry-University Cooperative Education Project of Ministry of Education (220404903223111&220404903225316)

1. The necessity of implementing curriculum ideology and politics in specialized courses

Curriculum thinking and politics refers to a comprehensive educational idea which combines various courses with ideological and political theory courses in the form of building a whole-course, whole-course education pattern, forming a synergistic effect, and taking "cultivating morality and educating people" as the fundamental task of education. The main problems of ideological and political classes in contemporary colleges and universities are as follows: (1) lack of attraction, mere credit, passive learning, and lack of motivation for active thinking. The education mode is monotonous, the content is long and old and boring, and the lack of affinity. (3) Lack of innovative mode and effective carrier. ④ Lack of pertinence, lack of teacher and student identity. At present, the main work of ideological and political education in colleges and universities still falls on ideological and political teachers, class teachers, counselors, all staff education is a slogan, some teachers have the situation of "heavy business light ideological and political", "teaching can not educate people", only concentrate on professional titles, personal business and lack of targeted ideological education.

Introduction to Immunology includes two parts: theory and experiment. It is a basic course of medicine and life science. The main professional goal of the course is to enable students to firmly grasp the basic composition and function of the human immune system, exercise good experimental skills, and have professional knowledge and professional responsibility to serve the society. However, the course is also faced with basic, professional, boring, lack of ideological and political integration points, difficult to choose integration methods and other problems, so it is urgent to strengthen the course ideological and political construction.

2. Team task course ideological and political combination mode online and offline

Team task refers to the increasingly severe competition in the situation, personnel to carry out work in the form of a team, with the common creativity of team members, brainstorm and work together to complete specific tasks. Therefore, in task-oriented learning and work, it is particularly important to effectively manage tasks in order to maximize the combat effectiveness of the team^[1].

2.1 Characteristics of ideology and politics of team task course

① Task interdependence. Team task is often not a person can complete independently, he needs team members to rely on each

other in the process of task completion, unity and cooperation. The complexity of the task. It means that the task is not simple and can be completed, and the manpower and material resources invested are more. This is largely determined by the objective attributes of task complexity, including the multi-stage of task process, the diversity of task results and the unknowability of task process and results. ③ Task variability. In the process of task implementation, the task may change at any time, unexpected situations or unknown factors can make the task not occur according to the original track. For example, in the rabbit blood collection operation, the team members are divided into rabbit fixed personnel, ear vein blood collection personnel, heart blood collection personnel, anatomy personnel, and common carotid artery blood collection personnel. They work together and cooperate with each other in the order of fixed, ear blood collection, heart blood collection, anatomy, and common carotid artery blood collection. The importance of team cooperation is emphasized by taking blood collection volume as the task. Cultivate students' scientific thinking method and sense of mission to reach scientific heights.

2.2 Ideological and political teaching mode of team task course

It is a potentially effective way to dig deep online and offline teaching resources, integrate traditional teaching mode and apply team task method in curriculum thinking and politics. Set up online classes before class, such as "cloud class class" class, propose preview tasks and teaching resources in class (before class), cloud test in last class, introduce new lessons, teach content, ask questions, perform in groups, show in class (during class), and do homework after class. Through rich and diverse teaching resources and team practice, effectively expand the field of learning and vision, and students' teamwork ability. Students can combine their personal situation, have a choice, focus on learning, to achieve personalized learning, hierarchical, through the design of teaching problems, stimulate the interest in learning, initiative. When designing the content of teaching problems, we should combine ideological and political elements, and only through the ideological and political elements of students' thinking can they enter the brain. For example, assign team tasks in the middle line of the blood smear preparation and immune cell observation experiment, which are divided into specific tasks such as the structural characteristics of red blood cells, the classification of white blood cells, and the structural characteristics of monocytes/lymphocytes/granulocytes/platelets. The team members can complete the specific tasks separately. Offline experimental operation, microscopic observation and summary of cell characteristics, drawing structure diagram, completion of team tasks, and evaluation of team and members' achievements according to experimental results.

3. Teaching characteristics of ideology and politics in team task course

3.1 Infiltrate ideological and political elements and strengthen students' sense of mission

With the development of economy and society, various thoughts and ideas show a diversified development trend, diversified forms and increasingly active, impacting and influencing the ideals, beliefs and values of post-00s college students. In the course design, open the three-in-one education model, integrate the "socialist core values", and give play to the ideological and political advantages of the course.

For example, the immune system chapter, the immune system components are diverse, and under normal circumstances, the functions of various cells are clear, and they jointly maintain the immune function of the human body. This chapter is combined with the core values of "prosperity, democracy, civilization, and harmony" at the patriotic level. As for the endocrine system, various endocrine organs can secrete different hormones, and there are complex regulatory mechanisms among various hormones to jointly stabilize the internal environment of the body. This chapter is combined with the core values of "freedom, equality, justice and rule of law" at the social level. Every cell, organization, and system is a functional part of the human body, just like each of us citizens, combined with citizens' patriotism, dedication, integrity, and friendliness. Through the intuitive implantation of core price, patriotic feelings can be strengthened, national conditions can be established, the aspiration of strengthening the country can be established, and students' sense of mission can be enhanced [2].

3.2 Set up difficulties to increase learning interest

Confucius said: "learning without thinking leads to confusion; thinking without learning leads to danger." Learning and thinking are opposites. Set up interesting thinking questions for students to cause students to study and think, so that the professional knowledge "psychological", increase the learning effect. For example: Try to analyze how the complement system is involved in the lysis of bacterial cells? This problem is set after the explanation of antibodies, and requires students to master the basic knowledge of the structure and function of antibody molecules. Students cannot solve this problem with their existing knowledge, so they need to consult relevant materials after class, which causes confusion and deep thinking, and further stimulates the motivation of students to explore experimental thinking.

3.3 Set team tasks and enhance students' practice

Use project resources, design team tasks, exercise students' practical ability, let students solve problems by applying original knowledge and experience, cultivate students' thinking and problem-solving ability, let students shoot short films in the form of micro-video, and form a log. Study in groups to complete the problem, the key point is teamwork, for each task, students independent division of labor, cooperation to complete. Although each person's character and personality are different, through cooperation, each student can be motivated and creative. For example, in the introduction, we should pay attention to methods when observing immune cells, have a three-dimensional thinking mode, understand the morphological structure of cells and nuclei, set up "pyramid" team tasks, so that students can experience professional knowledge at the same time, understand the importance of teamwork, and submit homework insights. Other tasks are mainly presented in the form of immunology knowledge content list, mind map, list summary, etc.

4. Summary

"Curriculum thought and politics" is a kind of teaching method, is the teacher's political thinking displayed in teaching, is the infiltration of ideological and political content in professional courses, has the universality of education, but also has the individual uniqueness of teachers' cognition. That is, professional courses are an effective carrier of ideological and political education and teaching, and how to intentionally, naturally and effectively implant appropriate ideological and political content is the key issue to determine the educational effect, which requires teachers to carefully design and integrate ideological and political elements with professional education resources. By integrating ideological and political elements into the teaching of "Introduction to Immunology" for medical and life science majors, combined with the group task education mode, students can strengthen their professional knowledge and ability through self-feeling, strengthen active thinking, and enhance their sense of national honor, team spirit and sense of historical mission through multi-directional penetration. Cultivate socialist successors with all-round development in morality, intelligence, physical fitness, aesthetics and labor skills.

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