

Thoughts on the Ideological and Political Construction of the Course “Basic Materials Science”

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Abstract: Nowadays, in the process of continuous economic and social development, my country’s awareness of education is also constantly improving. Some colleges and universities continue to strengthen the penetration of relevant knowledge of ideological and political courses when teaching. Relevant teachers, in the process of teaching, not only need to consider students’ recognition of ideological and political courses, but also need to strengthen students’ excellent learning of their own subject content. The study of ideological and political courses can fully reflect the teaching philosophy of colleges and universities, and can also reflect the importance of teaching to students. For the study of the course “Basics of Materials Science”, teachers need to infiltrate the content of ideological and political construction to a certain extent in the classroom to ensure students’ enthusiasm for learning ideological and political content, and also allow teachers and students to focus on learning together Ideological and political content for learning.

Keywords: About “Basics of Materials Science”; Curriculum; Ideological and political construction; Thinking

Introduction:

In the process of teaching, colleges and universities should not only consider the basic knowledge teaching for students, but also consider the penetration of students’ ideological and political knowledge. This can better realize the all-round development of students, and also enable students to have a clearer understanding of the basic ideological and political content of our country. In the study of the course “Basics of Materials Science”, teachers need to find corresponding ideological and political teaching methods for students. Fully consider students’ study skills and use more modern methods to carry out basic ideological and political construction. Reflecting the importance of students, it can also improve the teaching quality of teachers and realize the exchange of knowledge.

1 Analysis of the existing problems in ideological and political construction at this stage

With the continuous improvement and innovation of modernization, in recent years, relevant national departments have carried out systematic planning and construction for different industries. In the entire planning and construction, the development and work of colleges and universities have been re-required, and the actual learning of different age groups has been combined. It is required to focus on the teaching plans of its various subjects to ensure the promotion of the all-round development of students. Ideological and political construction has always been the main topic of various colleges and universities. Scientific ideological and political education for students of different ages, but the effect shown is not obvious. Ideological and political construction should not be limited to students’ campus living environment and daily life habits and requirements. If the scope of ideological and political construction is not comprehensive enough, the opposite effect may be achieved. At the same time, some colleges and universities do not pay attention to the ideological and political construction of students, and the ideological and political courses arranged every semester are not scientific^[1].

Some colleges and universities place too much emphasis on the integration of “Marxism” when designing ideological and political courses. The integration of some knowledge points can easily make students have a negative interest in ideological and political courses. If you neglect the training and education of students’ self-cultivation during ideological and political construction It is also prone to lack both morality and talent. Talents in the new era need not only excellent professional skills, but also higher requirements for behavioral qualities and moral standards. In the ideological and political construction, some teachers ignore the important role and significance of the “material science foundation” course, and the content incorporated into the ideological and political construction is too simple, and some teachers simply do not have the ability to play their actual role. When teachers associate various material attributes with various behavioral qualities, the points of convergence are not scientific, and the existence and cultivation of various consciousnesses of students are too traditional^[2].

At the same time, some college teachers have not clarified the true role and significance of ideological and political construction. For example, the material science content selected when discovering and integrating materials science is different from the content of ideological and political education required in the classroom. The emergence of this situation can easily lead to students not

understanding the teacher's teaching content. When selecting some examples of breakthroughs in material structure research and material application, some teachers did not choose all domestic practical examples, and the emergence of this situation will also lead to the cultivation of Chinese excellent traditional culture and spiritual qualities in the ideological and political classroom. Certain problems.

2 How to perfect and innovate the ideological and political construction of the course “Basics of Materials Science”

First of all, college teachers should clarify the main teaching content and teaching links of the basic materials science courses. When designing teaching content, teachers should fully apply Xi Jinping's new era of socialism with Chinese characteristics, Marxism-Leninism, and patriotism, and give full play to their own importance. Educational departments in all regions should increase the emphasis on the ideological and political construction of the course “Basics of Materials Science”, and combine the core values of socialism with the characteristics of the new era and the relevant requirements of ideological and political education in the new era to scientifically improve the ideological and political education work in colleges and universities. It is necessary to ensure that students can not only increase their own abilities after studying systematic materials, but also can systematically cultivate professional ethics and sense of mission.

In the teaching of material structure, teachers should explain some important research and development material examples. For example, how much effort and failure did Chinese scientists use to extract the components of a certain material structure or use a certain advanced science and technology to strengthen a certain material itself. The purpose of explaining these cases can stimulate students' interest in research and development, and cultivate students' awareness of building a powerful country in science and technology. In the process of combining the diffusion in crystalline solids, teachers can teach students the qualitative changes of crystalline solids and the conversion of scales, so as to stimulate students' correct learning attitude and help students to think logically and be creative in their future studies.

In the process of arranging the content of ideological and political courses, teachers should give full consideration to the students' enthusiasm for learning, and conduct sufficient investigations of the content that students are more interested in. In the teaching of the content of ideological and political courses, teachers can fully refine the more important knowledge points nowadays to ensure that students can form more recognition for the knowledge points. The school should also provide a better learning atmosphere for the content of this course. The school should continuously strengthen the propaganda of the content of ideological and political construction, so that students can be more proactive in learning ideological and political content, and achieve more complete ideological and political content learning. Teachers can ask students for their learning opinions when teaching, so that the content of the textbook and the content of ideological and political construction can be better integrated, and a more active teaching method can be fully realized.

3 Conclusion

Thinking about the ideological construction of the “Basics of Materials Science” course, comprehensive analysis and research should be carried out according to the actual requirements of the ideological and political construction of colleges and universities and the teaching courses of “Basics of Materials Science”. The curriculum is better integrated and developed to ensure the improvement of the ideological and political ability of college students and the quality of various aspects of behavior. The construction of modern universities should have new requirements and new concepts for the construction of modern universities. Speed up the ideological and political construction of universities to improve the overall development speed of modern university students, so as to ensure that more students can repay society and development with better spiritual qualities. To cultivate more outstanding behavioral qualities of college students in the new era, and to improve students' outlook on life, values and world outlook, not only requires students to master more professional skills, but also provides students with the right guidance to help them improve their own Value System.

References:

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