

Discussion on Ideological and Political Education of "Engineering Economy" Course

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Abstract: Engineering Economy is the core course of construction cost specialty, which contains more ideological and political resources. Therefore, from the perspective of "curriculum ideological and political", this paper enumerates the ideological and political resources contained in each chapter of the course, with the help of corresponding cases, and discusses the implementation path of ideological and political resources such as "craftsmanship", "campus online loan" and "sustainable development".

Keywords: Engineering Economy, Ideological and political education, Case.

1. Introduction

President Xi indicated that we should adapt to the situation, advance with the times, and adapt to the situation. We should follow the law of ideological and political work, the law of teaching and educating people, the law of student growth, and constantly improve our working ability and level. To make good use of the main channel of classroom teaching, the ideological and political theory course should adhere to strengthening in the improvement, enhance the affinity and pertinence of ideological and political education, and meet the needs and expectations of students' growth and development. Other courses should keep a good channel and cultivate a good responsibility field, so that all kinds of courses and the ideological and political theory course can go hand in hand, forming a synergistic effect [1]. Therefore, it is very important and necessary to combine ideological and political education in professional courses.

Engineering Economy is the core course of construction cost specialty. Engineering Economy is a systematic theory and method for economic analysis of engineering technology problems. It is a science that uses Engineering Economy analysis methods to analyze and compare various feasible schemes of engineering technology (projects) under the condition of limited resources, and select and determine the best scheme. Its core task is to make economic decisions on technical schemes of engineering projects.

2. Problems in Traditional Engineering Economy Teaching

The teaching object of Engineering Economy is freshmen majoring in engineering cost, with 48 class hours. The course is arranged for the second semester.

Nature of the course: Engineering Economy itself is also a course with more calculations and boring contents, while many professional qualification examinations, such as the first class constructor and the first class cost engineer, are an important compulsory course. The student number of the course plays an important role in obtaining relevant professional qualification certificates in the future. Most of the students in the class are liberal arts students. They generally feel that it is difficult to learn, and their enthusiasm for learning is not high.

Traditional teaching method of the course: The traditional teaching method of Engineering Economy mainly focuses on teaching basic concepts, deducing corresponding formulas, and then assisting students with simple exercises to understand. However, most exercises are not targeted and cannot be connected with the actual engineering, which leads to low interest of students. In the teaching process, teachers mainly focus on imparting professional knowledge and skills[3]. For the ideological and political part, most people think that it is the responsibility of the ideological and political teachers, and the goal of ideological and political education is not integrated into the teaching. The traditional assessment method is single. At present, the assessment of Engineering Economy is mainly based on the students' attendance in class, their answers to questions, and the final exam. It mainly checks the students' mastery of the theoretical knowledge in the exam outline. It does not consider what kind of life principles students have learned from this course. The assessment method is relatively single.

3. Construction Plan of Ideological and Political Courses of Engineering Economy

3.1. Objectives of ideological and political building

Engineering Economy is the core course of engineering cost specialty. Through the construction of this course, students can comprehensively and systematically master the basic principles and knowledge of engineering economics, as well as the economic problems involved in the whole process of engineering construction and common analysis methods, and initially have the ability to apply the basic principles of engineering economics to feasibility research, economic evaluation, project decision-making and strategic decision-making. The ideological and political education goal of this course is to integrate the education of socialist core values into the course teaching, organically integrate the value guidance, knowledge teaching and ability training, promote the all-round education of all staff in the whole process, and enable students to grow healthily.

The construction of this course is mainly based on classroom teaching, supplemented by offline communication. In the class, the relevant engineering economic evaluation,

comparison and selection, value engineering and other issues involved in economics are mainly explained in the form of PPT explanation and blackboard writing, and the relevant classic events and classic characters are introduced in the form of video or pictures, so as to transfer positive energy and strengthen the ideological and moral education of students [2].

3.2. Ideological and political elements and integration points of the course

There are many teaching contents in this course, but not every chapter can have ideological and political elements. Therefore, the introduction, time value of funds and equivalent calculation, basic elements of engineering economic analysis, comparison and selection of multiple schemes for construction projects, uncertainty and risk analysis, and value engineering are selected as the units of ideological and political integration in the course. In the process of explanation, pictures or videos are mainly used for integration, as follows:

3.2.1. Ideological and political elements integrated into the introduction unit

The introduction talks about the relationship between technology and economy. When teaching technology, we can integrate such ideological and political elements as craftsmanship spirit, great country spirit, national self-confidence, cultural self-confidence, and institutional self-confidence. When talking about economy, through watching the "super project" project, talk about how to combine technology and economy in the project, so as to realize the ideological and political elements of "sustainable development". When talking about "solving sunk costs", we can integrate the ideological and political elements of the new era that college students should learn to "grasp the present".

3.2.2. Ideological and political elements of time value of capital and equivalent calculation

With the rapid development of society, people's consumption concept is also changing. Advanced consumption and impulsive consumption are not rare, and various lending platforms emerge as the times require. "Campus loan" has attracted many college students' attention because of its low threshold and fast review. Some students began to borrow "campus loans", which caused a series of troubles. There are many such cases either around students or on the Internet. The calculation method of "campus loan" just coincides with the compound interest calculation in the time value of capital. Therefore, when talking about the time value of capital, first select the relevant "campus network loan" cases that are popular on the network, and then put forward the problem of how to operate "campus network loan", which causes students to think, then explain the basic formula of interest rate and interest in the book, and then deduce how to operate "campus network loan", So as to warn students how harmful "campus network loan" is, let students stay away from "campus network loan", and establish a correct outlook on life and values. For the part of equivalent calculation of funds, we can introduce cases such as "Huabei" and "Credit Card", so that students can understand the interest trap of installment payment through installment interest and its calculation, so that students can establish a correct view of money, consumption and values.

3.2.3. Ideological and political elements integrated into the basic elements of engineering economic analysis

Only when there is investment, there will be income. This chapter describes the basic elements of construction projects, such as investment, cost, income and profit. The same is true of learning. Only by investing time and energy can we gain knowledge. So that students can understand that learning can not be sloppy, no pains, no gains, only enough investment can achieve final success, so that students can establish a correct outlook on life and values. In fact, depreciation often exists in our daily life, such as life. In the process of explanation, we can take well-known stars as examples to help students establish correct professional values and values, so that students can understand that life cannot waste time, and they need to constantly improve their own values.

3.2.4. Ideological and political elements in the comparison and selection of multiple construction projects

This unit mainly explains the choice of independent scheme, mutual exclusion scheme and mixed scheme. The principle of mutual exclusion scheme is either one or the other. When explaining, you can introduce classic cases, such as Lu Xun's story of abandoning medicine and following literature, so that students can understand what they have and what they have to give up, so that they can set up their life ideal, encourage themselves to constantly surpass themselves, and feel the joy of realizing their own values. After choosing their own life path, they should be down-to-earth Make every effort to realize their dreams, so that students can choose their own life path correctly and establish a correct outlook on life.

3.3. Implementation path of ideological and political unit

The implementation path selection of this part takes the craftsmanship spirit, sustainable development of the engineering economics introduction unit and the "campus network loan" of the capital time value and equivalent calculation unit as examples to illustrate the implementation path.

3.3.1. Introduction to Engineering Economics Unit: "Craftsman Spirit" and "Sustainable Development" Ideological and Political Implementation Path

Firstly, to explain the concept of technology, and then play the video of "national treasure Dunhuang mural restorer", and to ask the students what kind of spirit this reflects? Secondly, to ask students to discuss in groups and send representatives to speak. Then the teacher can conclude what is "craftsman spirit". Finally, teacher will make assignments. If you have a job with a sense of mission for the country and a job with high salary for another enterprise, how do you deal with it? The implementation path of sustainable development can be introduced to the General Secretary with pictures after explaining the concept of "economy" and the relationship between "technology" and "economy". Concept "Green water and green mountains are golden mountains and silver mountains" was put forward. Finally, more cases were used to explain the harm of environmental pollution, emphasize the importance of sustainable development, and use more positive cases to emphasize the benefits of sustainable development again.

3.3.2. Ideological and political implementation path of "campus network loan" of time value of funds and equivalent calculation unit

Firstly, introduce the most popular case of "campus online loan", and then introduce the explanation of the nominal interest rate and actual interest rate of simple interest and compound interest of teaching content from the reason why "campus online loan" is rolling more and more, then strictly require students to use the knowledge they have learned to solve the more and more cases of "campus online loan" in the case, and finally use more news to further explain the harm of "campus online loan", so that students can establish a correct view of money Consumption and values.

4. Conclusion

During the teaching process of Engineering Economy, teachers should fully explore the ideological and political resources contained in the curriculum and combine them with

the curriculum content, so that students can learn theoretical knowledge and guide their healthy growth at the same time. Not only to "teach", but also to "preach".

References

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