

# Practical Attempt of Modular Teaching of “Interior Decoration Engineering Budget” Course

Qida Lu

Inner Mongolia University of Technology Inner Mongolia Hohhot 010000

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**Abstract:** With the promotion of economic development, the development speed of construction engineering and interior decoration industry is accelerating, which also puts forward higher requirements for the training of relevant professionals. As an important part of interior decoration, interior decoration project budget should do a good job in teaching reform. However, in some colleges and universities, the emphasis on the budget course of interior decoration engineering is relatively low, the proportion in class hours is relatively small, there is a certain lag in teaching content, the teaching mode is relatively single, and the teaching quality is not high. With the promotion of social development, the budget course of interior decoration engineering also needs to introduce the modular teaching mode to improve the teaching quality. This paper analyzes the current teaching situation of “Interior Decoration Engineering Budget” course, and puts forward the practical strategy of modular teaching of “Interior Decoration Engineering Budget” course, aiming to provide reference for future research.

**Keywords:** “Interior Decoration Project Budget”; Status quo; Modular teaching

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## Introduction

The interior decoration project involves more content, which also makes it more difficult to budget. In order to improve the budgeting level of interior decoration engineering, many colleges and universities in our country have set up the course of “interior decoration engineering budget” in interior design major or construction engineering major. As there are many projects in the interior decoration project budget, in order to improve the teaching quality, it is necessary to reform the traditional teaching mode and redesign the teaching content in a modular way to ensure the smooth progress of the interior decoration project budget course.

## 1. Teaching Status of “Interior Decoration Engineering Budget” Course

In the major of interior decoration design or construction engineering, the budget of interior decoration engineering is one of the important courses. Doing a good job in the teaching of this course can enable students to budget for interior decoration engineering. Because the interior decoration project budget involves more content, which also makes the curriculum also show obvious technical and comprehensive, for designers in all aspects of the requirements are higher. However, judging from the current implementation of the budget course of interior decoration engineering, some colleges and universities have obvious lag in teaching content and teaching mode due to their outdated educational concepts. From the perspective of teaching content, with the continuous development of society, the competitive pressure of the interior decoration industry is increasing, and its design cost and decoration material cost are showing a transparent development trend, which also makes the profit space of the decoration industry have a significant decline. For decoration designers, they also need to have strong comprehensive skills, such as design ability and budget ability, and constantly update their own knowledge system in order to maintain strong core competitiveness in the fierce market competition. However, in terms of course content, some colleges and universities only pay more attention to the study of theoretical knowledge, the teaching intensity in the interior engineering decoration budget is insufficient, the course content is not updated in time, and the teaching mode is also based on the teaching of theoretical knowledge., Lack of cultivation of students’ practical ability, resulting in insufficient budgeting ability of students, unable to meet the requirements of interior decoration engineering budget for talents <sup>[1]</sup>.

## **2. Practical Strategies for Modular Teaching of “Interior Decoration Engineering Budget” Course**

### **2.1 Clarify the teaching objectives of modular teaching**

In the process of using modular teaching mode, due to the content of interior decoration engineering budget course, theoretical and practical are strong, covering architectural drawing and drawing, main engineering construction, decoration engineering construction, architectural design and construction organization, etc., in order to ensure the smooth progress of modular teaching, teachers need to clarify the teaching objectives and make preparations for the follow-up teaching. In the formulation of objectives, it can be combined with the relevant contents of interior decoration cost to improve students' ability to use quota and measure engineering quantity. At the same time, the interior decoration project budget also needs to ensure that students have the ability to prepare the construction drawing budget and review the construction drawing, and have the ability to prepare the bidding base price and bidding documents. Students should also master a certain amount of final accounting ability, in terms of theoretical knowledge and practice Ability needs to be improved in order to make students more in line with the requirements of the society for interior decoration design talents in professional quality<sup>[2]</sup>.

### **2.2 Do a good job in the content design of modular teaching**

In the process of using modular teaching in the budget course of interior decoration engineering, after setting the goal, it is necessary to design the teaching content to enable students to improve their budget ability. Because the budget course of interior decoration engineering is both theoretical and practical, it is also necessary to do a good job in the modular design of teaching content for different contents. The teaching content can be reconstructed and divided into four modules. The first module can be the basic knowledge of construction and decoration engineering budget. This module is mainly based on basic knowledge and can appropriately increase the teaching of theoretical knowledge. In the arrangement of class hours, theoretical class hours should be guaranteed to occupy more than 90% of the whole class hours. In terms of content, pricing content, consumption quota, unit price confirmation of labor and materials, and calculation of engineering quantity should be taken as teaching content<sup>[3]</sup>.

In the second module, it is necessary to calculate the engineering quantity of the engineering list as the second module. The content of this module is an important content in the budget course of interior decoration engineering. It is necessary to increase the class hours, and the class hours of theoretical knowledge should be appropriately higher than the training class hours. In terms of content, it is necessary to calculate the construction area, foundation treatment, earth and stone engineering, slope support, concrete engineering, masonry engineering, metal and wood structure engineering, door and window engineering, waterproof engineering, thermal insulation engineering, coating engineering, Decoration engineering, etc. are all used as the teaching content of this module.

On the third module, the content of the list can be designed as the third module, and the class hours can be designed as 10 class hours, of which the training class hours can be 4 class hours, and the theoretical study is 6 class hours. In terms of content, it is necessary to prepare the list of partial quantities, the list of project quantities for the preparation of measures, fees and taxes, etc. as an important part of the list.

In the fourth module, the construction and decoration engineering list can be used as the content of the fourth module. The class hours are also designed for 10 hours, the theoretical knowledge is explained by 6 hours, and the remaining 4 hours are used for practical training. In the teaching content, it is necessary to determine the group price of the partial project quantity list, the group price of the project quantity list of measures, and the cost of the fee and tax quantity list as the teaching content.

### **2.3 Innovative Modular Teaching Mode**

In view of the single teaching mode existing in the budget course of interior decoration engineering in some colleges and universities, it is also necessary to innovate the teaching mode in the application of modular teaching. On the one hand, information technology can be applied to the process of teaching. The pricing software can be applied to teaching, so that students' learning in class can be organically combined with after-class exercises, help students master the operation methods of the pricing software, and require students to use the software to complete the cost in the layout of the homework, so that the students' information technology application ability can be improved<sup>[4]</sup>.

On the other hand, due to the extremely practical nature of the interior decoration engineering budget course, teachers can also use the case teaching mode to design cases for students in the process of teaching, requiring students to analyze the actual decoration cases, so that students' budget pricing ability can be improved. It can also use the case teaching mode to construct a real working situation for students, so that students can deepen their understanding of the profession.

## 2.4 Improve the evaluation system

A sound teaching evaluation system can also play an important role in improving teaching quality. In view of the fact that the objectivity of the teaching evaluation system in the teaching of interior decoration engineering budget course is not strong, it is necessary to do a good job of reform. In addition to the teaching of theoretical knowledge, it is necessary to take practical teaching as the key content of the assessment, increase the assessment of students' budget ability, and ensure the overall improvement of students' practical operation ability.

## 2.5 Building Professional Teachers

In the process of introducing modular teaching into the budget course of interior decoration engineering, attention should also be paid to the building of teachers. It can strengthen the training of teachers' practical ability, or introduce professional and technical personnel into the enterprise to carry out the teaching work, so as to ensure the smooth progress of teaching<sup>[5]</sup>.

## Conclusion

In view of the problems existing in the teaching of interior decoration engineering budget course in some colleges and universities, it is necessary to do a good job in curriculum reform and introduce modular teaching mode to carry out teaching work. In the specific implementation, it is necessary to clarify the teaching objectives of modular teaching, do a good job in the content design of modular teaching, and innovate the teaching mode of modular teaching. At the same time, it is necessary to improve the teaching evaluation system, build a team of professional teachers, improve the teaching quality of interior decoration engineering budget courses, and provide talent support for the improvement of the development level of my country's interior decoration industry.

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## About the author:

Qida Lu, 1979, female, Han, Jianping, Liaoning, graduated from Inner Mongolia Normal University, graduate student, major in interior design, research direction: interior design