

# Research on the Development and Implementation of a New Type of Loose-leaf Nursing Introduction Textbook under the Background of the "Three Education Reforms"

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## Abstract

Under the reform of the new vocational education law, the "Sanjiao" reform is the focus of teaching reform in vocational colleges. As the carrier of student learning, textbook reform plays a crucial role in the "Sanjiao" reform. In response to the problems with traditional textbooks, a new type of loose-leaf textbook was developed based on project-based teaching, which was then implemented in classroom teaching to carry out a classroom revolution and improve teaching quality.

## Keywords

Three Education Reforms, New type of loose-leaf textbooks, Learning outcome, Implementation of teaching.

## 1. Introduction

The teacher, textbook, and teaching method reforms are collectively referred to as the "Three Education Reforms". The "Three Education Reforms" are the basic elements of teaching construction. Teaching method is the core of the reform, teachers are the key, and textbooks are the carrier of the reform. To better implement the "20 Rules of Vocational Education", higher vocational colleges should take the "Three Education Reforms" as the starting point to strengthen internal construction and promote the development of the quality of higher vocational education. Among them, the "textbook" as a carrier plays a role as a bridge between students and teachers. Developing existing textbooks to adapt to knowledge updates, keeping up with the times, can help promote personalized learning for students, improve teaching effectiveness, and promote innovation and improvement in education and teaching.

## 2. Development Ideas and Implementation of The New Type of Loose-leaf Teaching Materials

### 2.1. Analysis of the current use of textbooks for the course "Introduction to Nursing"

"Introduction to Nursing" is the basic professional textbook for nursing majors, with a focus on theoretical exploration, which makes students who are first exposed to nursing knowledge feel that the content is abstract and boring, and learning is difficult. There are the following drawbacks in other textbooks currently in use, which affect the achievement of the course learning standards. First, there is a lack of quality education, and the educational purpose of cultivating students' moral character is not fully implemented. There is a lack of presenting the content of "Introduction to Nursing" from the emotional dimension of educational psychology, which is not conducive to improving students' enthusiasm for independent learning and cultivating their good professional ethics. Second, there is no orientation towards work processes to build a reasonable textbook system. Third, the content structure lacks integration

with job courses, competitions, and certifications, and there is insufficient cooperation between medical and educational institutions. Fourth, the content is somewhat outdated and not updated in a timely manner. Fifth, there is no process evaluation system established.

## **2.2. Development Ideas and Implementation of New Type of Flip Teaching Materials**

In order to integrate with the "new technology, new process, and new standards" of the three new education, the development of teaching materials is closely centered around "professional standards", "job standards", and "1+X certificate standards", selecting project cases and combining with the nursing problems that need to be solved in actual clinical nursing work. Using projects as the link, tasks as the carrier, and work processes as the guidance, the teaching material content is scientifically organized and modularized. Work order-style teaching materials are developed to strengthen project-based learning, self-exploration, collaborative research and study, presentation and appreciation, and testing and evaluation, forming a multi-dimensional and comprehensive evaluation system throughout the whole process. Based on the Internet and modern information technology, rich digital resources such as courseware, videos, and homework are developed. Practical training is used to cultivate students' innovative thinking and professional ethics. At the same time, the concepts and international standards related to the World Skills Competition in "Health and Social Care" are also integrated into the teaching material content and introduced into knowledge expansion.

Combined with the professional characteristics of "paying equal attention to humanistic literacy and knowledge and skills" and the educational goal of cultivating "high-quality technical and skilled personnel", the ideological and political elements that deeply integrate with professional knowledge are determined, and a case library for ideological and political courses is constructed. It emphasizes value guidance, optimizes and restructures teaching content, and selects real clinical cases around each module. Based on work tasks, task-based flip teaching materials are developed, which dock with job standards and clinical work processes, and organically integrate professional ethics and professional morality into the entire process of education and teaching.

In the evaluation process, it emphasizes diversified evaluation subjects, improved results evaluation, process evaluation, deepened value-added evaluation, and promoted comprehensive evaluation. It explores the integration of online and offline, forming a diversified evaluation mode combining process evaluation and final evaluation, promoting students' autonomy, process learning, and experiential learning. In teaching, students are always taken as the main body, allowing them to "independently acquire information, independently formulate plans, independently implement plans, and independently evaluate plans", mastering professional skills and acquiring professional knowledge through their own "hands-on" practice, thus constructing their own experience and knowledge system and cultivating students' comprehensive application ability.

## **2.3. Materials Implementation Effect of the New Loose-leaf Teaching Materials**

(1) The cultivation of moral character and talent runs through the construction of teaching materials. The fundamental task of the "Three Education" reform is to cultivate moral character and talent. At this stage, college students are in a critical period of becoming adults and contributing to society, and their values will have a significant impact on the future of the whole society. Therefore, through incorporating ideological and political education into the curriculum, promoting students' patriotic spirit, inheriting national culture, and guiding students to establish correct worldviews and values.

(2) The development and design of teaching materials should follow the principles of being guided, highlighting professional characteristics, emphasizing individualization and

differentiation, strengthening the combination of theory and practice, centering on students, oriented towards learning outcomes, and promoting independent learning. It is also recommended to weaken the features of teaching materials and strengthen the functionality of learning materials. Through the guidance of teaching materials, a deep learning management system can be constructed. In addition, the teaching materials should focus on enterprise job (group) requirements, professional standards, work processes or products, and organically integrate moral education and ideological and political education into the teaching materials, providing various types of three-dimensional and informational course resources to achieve the multi-functional role of teaching materials. These measures can effectively improve the practicality and guidance of teaching materials, better meet students' learning needs and career development needs.

(3) Up-to-date and adaptive: Loose-leaf teaching materials are easily updated to reflect the latest knowledge and social changes. In the "Three Education" reform, educational content needs to keep up with the times, and the development of loose-leaf teaching materials makes it more convenient to update teaching materials and ensure that students obtain the latest and most accurate knowledge.

(4) Improving teaching effectiveness: The diversity and interactivity of loose-leaf teaching materials make learning more active and engaging, which can stimulate students' interest in learning and improve learning effectiveness. By using loose-leaf teaching materials, students can better understand and apply knowledge, and develop their innovative thinking and problem-solving abilities.

(5) Feedback and improvement: During the development process of loose-leaf teaching materials, there can be active feedback and communication between teachers and students. Based on students' feedback and performance, teachers can revise and improve the teaching materials to better meet students' needs and improve learning outcomes.

### 3. Conclusion

The development of loose-leaf textbooks plays a role in promoting personalized learning, improving teaching effectiveness, adapting to knowledge updates, and feedback and improvement in the "three educations" reform. It provides students with a more flexible, diverse, and interactive learning experience, promotes innovation and improvement in education and teaching.

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