

# Practice and Discussion of Teaching Supervision in Secondary Colleges of Higher Education

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**Abstract:** In order to realize the goal of the smooth development of teaching supervision in secondary colleges and universities, we must put forward relevant practical strategies according to the objectives and scope of teaching supervision to ensure the rationality of the basic projects and practice mode of teaching supervision in secondary colleges and universities. Taking the School of Mechanical Engineering of Wuhan Light Industry University as an example, the goal and scope of the teaching supervision of the School of Mechanical Engineering of Wuhan Light Industry University are expounded, which has a positive role in the practice of the teaching supervision of the School of Mechanical Engineering of Wuhan Light Engineering University. It is suggested to optimize the teaching supervision work practice project of the School of Mechanical Engineering of Wuhan Light Industry University, so as to ensure the feasibility and practical effect of the teaching supervision work in the secondary colleges of universities.

**Keywords:** College secondary college; Teaching supervision; Work practice

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## Introduction

At present, the school-running scale of Wuhan Light Industry University has shown a trend of continuous expansion, and the teaching methods adopted by the professional courses of the School of Mechanical Engineering have also changed significantly. In practice, the teaching quality of the School of Mechanical Engineering must be guaranteed, and related supervision work should be carried out on this basis. Based on the teaching situation of the School of Mechanical Engineering of Wuhan Light Industry University, the objectives and relevant scope of supervision work should be determined, so as to help teachers fully understand students' learning situation and employment situation after graduation. It provides a reasonable reference for the improvement of teaching content and the construction of quality management system of the School of Mechanical Engineering of Wuhan Light Industry University, and effectively extends the teaching supervision of the School of Mechanical Engineering of Wuhan Light Industry University.

### 1. Objectives of teaching supervision in secondary colleges of higher education

As teaching construction and teaching reform put forward higher requirements for supervision work, it is necessary to determine the teaching supervision work objectives of secondary colleges in universities on the basis of implementing various requirements, and carry out effective supervision and control over the teaching links and processes of professional courses in the School of Mechanical Engineering of Wuhan Light Industry University, so as to improve the teaching quality of the School. The students' learning ability and professional skill level after graduation have been significantly improved. The supervision of the teaching quality of the professional courses of the School of Mechanical Engineering in combination with the objectives of teaching supervision can assist the teaching supervisors to achieve all-round supervision and control of the teaching situation of the professional courses of the School of Mechanical Engineering of Wuhan Light Industry University, and understand the teaching links and practical effects in detail. Not only that, reasonable teaching supervision can also promote the School of Mechanical Engineering of Wuhan Light

Industry University to achieve the goal of institutionalization and scientific teaching management, improve teachers' professionalism and dedication on the basis of optimizing the teaching form and content of the School of Mechanical Engineering of Wuhan Light Industry University, and truly implement the core goal of improving the teaching quality of the School of Mechanical Engineering of Wuhan Light Industry University.

## **2. The scope of teaching supervision in secondary colleges of higher education**

As far as the School of Mechanical Engineering of Wuhan Light Industry University is concerned, the scope of teaching supervision covers three aspects: classroom teaching supervision, graduation design process supervision and examination style supervision. As for classroom teaching supervisors, they can objectively evaluate the teaching quality of professional courses in the School of Mechanical Engineering by attending lectures and observing experiments, randomly checking the teaching implementation plans and teaching plans of professional courses designated by teachers, examining students' class notes and paper assignments, and having discussions with students. Help the teaching supervisor to understand the teaching level of teachers and students' learning. For the supervision of the graduation design process, it is necessary to provide effective guidance to the students applying for graduation in various majors of the School of Mechanical Engineering of Wuhan Light Industry University, do a good job in the tracking and inspection of the graduation guidance process of the school of Mechanical Engineering of Wuhan Light Industry University, strengthen the supervision of the graduation design guidance, and make adjustments to the graduation design according to the development direction of the profession. For the supervision of examination style and discipline, it mainly includes two aspects: test paper spot check and examination room inspection. Test paper spot check mainly refers to the spot check of test paper proposition, marking and grade assessment, and makes a preliminary evaluation of students' learning ability performance in the examination process. Inspection of the examination room is mainly used to create a good atmosphere of examination style and highlight the practical role of teaching supervision in the School of Mechanical Engineering of Wuhan Light Industry University.

## **3. Practice of teaching supervision in secondary colleges of higher education**

### **3.1 Attend and evaluate lessons**

The teaching supervision work of the School of Mechanical Engineering of Wuhan Light Industry University needs to carry out lectures and class evaluation for theoretical teaching and practical teaching, and objectively evaluate the teaching quality and students' actual learning ability of the School of Mechanical Engineering of Wuhan Light Industry University. Timely feedback to the teaching supervisor's suggestions on the teaching of the professional courses of the School of Mechanical Engineering of Wuhan Light Industry University, and encourage the teachers of each specialty of the school of Mechanical Engineering of Wuhan Light Industry University to make corresponding rectification based on the actual teaching situation. In terms of the teaching of professional courses in the School of Mechanical Engineering of Wuhan Light Industry University, teaching supervisors and teachers can jointly solve the defects faced in the teaching process during the process of mutual learning, and put forward reasonable suggestions for improvement of the shortcomings of young teachers in the teaching of professional courses, highlighting the practical role of teaching supervision in the listening and course evaluation of the School of Mechanical Engineering of Wuhan Light Industry University.

### **3.2 Special inspection of teaching**

The special teaching inspection of the School of Mechanical Engineering of Wuhan Light Industry University is divided into three kinds: initial inspection, mid-term inspection and final inspection. In the practice process, the rationality of various inspection forms must be ensured, the role of supervision work in the teaching inspection of each period should be highlighted, and the teaching quality and supervision of the school of Mechanical Engineering of Wuhan Light Industry University should be improved. For the beginning of the teaching inspection, the main inspection of the teacher's teaching implementation plan, lesson plans and last semester's final exam papers and other archived materials. The mid-term teaching mainly includes the forms of self-examination and teacher-student symposium, and the subsequent teaching plan is optimized according to the suggestions put forward by students. Finally, the final teaching inspection refers to the centralized examination of the final exam papers of this semester, and the development of a special final examination plan from the implementation of teaching supervision.

### **3.3 Guide young teachers**

The continuous expansion of the development scale of the School of Mechanical Engineering of Wuhan Light Industry University has introduced a large number of young teachers, but there are still some shortcomings in the teaching of professional courses of young teachers. Therefore, it is necessary to carry out a detailed assessment of the teaching ability of young teachers of professional courses of the School of Mechanical Engineering of Wuhan Light Industry University with the help of teaching supervision. Therefore,

young teachers are urged to consider the needs of talents in the industry and the teaching content of this major, and make adjustments to the follow-up teaching plan and specific implementation methods. In the process of teaching supervision practice, the School of Mechanical Engineering of Wuhan Light Industry University can be encouraged to formulate a “teaching ability improvement plan” based on the actual situation of young teachers, and the implementation of the “teaching ability improvement plan” by young teachers can be investigated with the help of teaching supervision, so that teaching supervisors can provide scientific guidance for young teachers of various specialties in the School of Mechanical Engineering of Wuhan Light Industry University.

### **3.4 Teaching quality assessment**

In order to ensure the teaching quality of the School of Mechanical Engineering of Wuhan Light Industry University, it is necessary to carry out the corresponding assessment work from the teaching situation of the School of Mechanical Engineering of Wuhan Light Industry University, make full use of the role of teaching supervision, and establish relevant principles in accordance with the notification requirements of the Academic affairs Office of the School of Mechanical Engineering of Wuhan Light Industry University. To carry out the teaching quality assessment and evaluation of the School of Mechanical Engineering of Wuhan Light Industry University objectively, and strengthen the practical value of teaching supervision in the teaching and quality evaluation of the school of Mechanical Engineering of Wuhan Light Industry University. Make timely feedback on the problems existing in the theoretical teaching and practical teaching of the School of Mechanical Engineering of Wuhan Light Industry University, and put forward personal handling suggestions based on this, so as to ensure the teaching quality assessment and related supervision of the school of Mechanical Engineering of Wuhan Light Industry University. Carrying out professional assessment can effectively deal with the quality problems left over from the teaching of professional courses in the School of Mechanical Engineering of Wuhan Light Industry University, and improve students’ comprehensive learning ability through high-quality teaching.

### **3.5 Rectification of practice**

The effective implementation of teaching supervision can carry out a comprehensive inspection of materials involved in metalworking practice, production practice, graduation practice, course design and other practice practices of students majoring in Mechanical engineering College of Wuhan Light Industry University, prompting teachers to make corresponding records in the supervision process, and review the practice records of students majoring in Mechanical Engineering College of Wuhan Light Industry University in real time. And according to the practice records of students practice to carry out effective guidance. Teaching supervisors should also regularly conduct research on students’ practice units, strengthen the correlation between teaching supervision and practice research of students majoring in Mechanical Engineering College of Wuhan Light Industry University, and carefully answer the difficulties and problems students respond to in the practice process, so as to avoid the phenomenon of students’ excessive pressure in the practice process. Strengthen the rectification of the practice plan for students majoring in Mechanical Engineering College of Wuhan Light Industry University, and fully implement the teaching supervision in the process of student practice.

## **Peroration**

Doing a good job of teaching supervision can adjust the problems in the teaching process of Mechanical engineering College of Wuhan Light Industry University, which plays an important role in improving the actual teaching quality. Therefore, it is necessary to carry out specific work reasonably while considering the objectives and scope of teaching supervision, pay attention to the shortcomings of professional teaching in the School of Mechanical Engineering of Wuhan Light Industry University, optimize and adjust theoretical knowledge teaching and practical teaching through corresponding supervision, and implement the requirements put forward by the development of social machinery industry for professional teaching in the School of Mechanical Engineering of Wuhan Light Industry University.

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