

# Chapter 1

## Introduction

Academic management refers to the teaching research that promotes the development of original research through the academic evaluation mechanism of high schools. Academic Management is the focus of teaching management work. Both the quality of teaching and the quality of personnel training have a direct impact. The planning, arranging, coordinating, and supervising of instructional activities is referred to as teaching management. One significant subset of educational innovation is teaching management innovation. A portion of the objective is to develop outstanding undergraduate potential. Undergraduate talent development is the goal of environmental system reengineering and innovative management. Encourage the development of a more ideal management platform, system, and concept (Sun Yanhua, 2019, pp.55-59). In this paper, the literature of academic evaluation mechanism is sorted out, and the relevant research status is elaborated, the relevant concepts are defined, the meaning of educational evaluation mechanism is clarified, and the research ideas and methods are put forward. Then, 162 academic administrators, academic leaders, middle level cadres, teachers and students of Fuzhou Senior high School were investigated by questionnaire to understand the current situation of academic management of the school. According to the survey results, the existing problems were found out. Based on the data analysis, the paper systematically analyzes the factors that affect the teacher-student relationship, and puts forward the corresponding countermeasures.

### Background and Significance of Research Problem

The contents of educational administration in colleges and universities are complex, including school operation, teachers' teaching arrangement and students' assessment results. (Suruidong, 2023, pp.169-171) In order to make the social competition more intense, students should not only learn a good cultural course, but also learn to participate in extracurricular practice activities, improve their ability, in school learning, can relax, can also do some exercise on their own, learn some basic scientific knowledge, can also get some skills, so that their

personality get better development, the school should strengthen academic research, let students can learn to develop in an all-round way, which is the essence of the new curriculum reform.

This paper mainly use the literature research method, interview method, case analysis method and other methods, to study the current situation of the academic management of the middle school, by summarizing the existing problems in the current academic management, and put forward some optimization suggestions, hoping to provide some help for the academic management of the school, help the school to carry out the academic management more smoothly.

At present, the curriculum of senior high school mainly adopts the unified general syllabus, unified "Mathematics curriculum standards", unified "English curriculum standards", unified "chemistry curriculum standards", unified "ideological and moral curriculum standards", unified "Chinese high School Curriculum Reform" and other national syllabuses.

In terms of knowledge objectives, it is the cognitive basis for students to form a scientific study of chemistry to understand the current subject knowledge of senior high schools and the "Chemistry Curriculum Standards" through classroom records. Cultivate students' awareness of scientific cognition and scientific inquiry, cultivate students' spirit of innovation and practical ability, and form the core quality of chemistry.

Teaching method. At present, the teaching method of senior high school is still cramming teaching, in which the teacher sings a monologue on the platform and the students play under the platform. In this way, teachers are mainly responsible for imparting knowledge to students and are not responsible for the students. In this way, the teacher will only pay attention to the students' mastery of knowledge, and will give the students the assignment, such as assigning the corresponding reading task to the students, but if the students finish the task is not very smooth, then the teacher will ask them to read, after they finish the task, the teacher will let them sit down, but for this task, the teacher doesn't have enough time to help students to complete, but let the students themselves to complete, so it is easy to let the students develop the habit of laziness. At the same time, some teachers have simple teaching methods, mainly taking the teacher as the main body, and taking classroom knowledge as the main

goal of teaching, and do not pay attention to the performance of students in class, teaching methods are relatively backward, which will seriously affect the learning efficiency of students

According to the statistics, we can see that students prefer teaching methods in school, and the proportion of students who like the curriculum setting is higher. Some teachers and students did not know that the academic exchange activities held by the school are academic, indicating that the school does not pay much attention to academic activities. For those who are not interested in students, the school should improve the degree of emphasis on academic work.

Learning effect. First of all, nowadays many high schools are implementing the credit system, which simply pursues students' credits while ignoring students' learning attitude and ability. Students only study in exams and ignore the importance of academic research, and lack a good learning atmosphere. Without a good learning environment, there is no motivation for learning. In addition, some high schools will encounter some problems in the study of professional courses due to the reasons of students and teachers. For example, some teachers will teach by themselves in order to save time. As a result, students cannot learn knowledge, cannot conduct academic research and cannot get academic awards

### **Research Questions**

1. What is the current situation and problems of academic administration in high school of Fuzhou school.
2. How to promote the academic administration in high school of Fuzhou high school.

### **Research Objectives**

1. To investigate of the Current Situation of Academic Administration in High School of Fu Zhou High School
2. To propose strategic guideline of Academic Administration in High School of Fu Zhou High School

## Scope of the Research

The innovation of this paper lies in the application of the management model of the senior high school and the use of knowledge from disciplines such as pedagogy, management and psychology to establish an academic management model suitable for the teaching of the senior high school. In order to improve the scientific nature, standardization and effectiveness of the academic management of the senior high school as the purpose, to make the high-level academic research institutions, in terms of human, material, financial and technical aspects, in the development of academic research, the construction of a harmonious society and the promotion of the all-round development of people has an important significance.

This paper adopts the survey method. The investigation of the "academic management" of high school, understand the current situation of "academic management" in high school, and then analyze the existing problems in high school "academic management", finally put forward the problems Suggestions, for the high school "academic management" further research and optimization to provide reference and basis.

### 1. Population and Sample

The research object of this paper is 134 teachers, and 28 school administrators from the Fuzhou High School , Fujian Province. The sample size obtained by using Taro Yamane (1973) Formula teacher samples are 134 and school administrator samples are 28.

### 2. The research instrument

The research instrument will be questionnaire and set of question for focus group discussion

### 3. Definition of Terms

#### 3.1 Academic Administration

The term academic administration: the definition The first part discusses academic management, mainly studying what academic administration is and the role of academic administration. The second part discusses the relationship between academic administration and academic administration, mainly includes the concepts of academic administration and academic evaluation.

### **3.2 Curriculum management**

Curriculum setting: An educational setting is any school or other type of institution where students can receive interpretive services. This includes elementary, high, and post-graduation schools. Curriculum improvement: curriculum improvement is the process of constantly improving instruction based on the needs of students. It enhances teaching and learning. Student capacity: Often used to mean "improving student capabilities" or "building student capacity." It is a gauge of a student's aptitude, know-how, and proficiency in a subject field.

### **3.3 Teaching Process**

Teaching content: Teaching content refers to the material used in class or to construct a lesson plan. This content can include newspapers, books, podcasts, and puzzles. The goal of this content is to promote learning.

Teaching method: Activities are the various ways in which these methods can be put into practice, whereas teaching methods are the more general strategies utilized to assist students in meeting learning objectives. Instructional strategies benefit pupils in the following ways: understand the course material. discover how to use the information in specific situations.

Teaching supervision: The aim of this management process, which involves a teacher and a supervising principal (henceforth referred to as the "supervisor" for brevity), is to increase the likelihood and potential of schools to more effectively support students' academic achievement.

### **3.4 Evaluation**

The act of evaluating or determining the worth, significance, quantity, or quality of anything. It is not possible to evaluate this new treatment until all the data have been gathered.

### **3.5 Fuzhou High School**

High school in Fuzhou Fujian province

### **3.6 Administrator**

A person who administers especially business, school, or government affairs.

### **3.7 Quality Management**

The act of supervising every activity and task required to uphold a desired standard of excellence is known as quality management. Establishing a quality policy, developing and putting into practice quality assurance and planning, as well as quality control and improvement, are all included in quality management.

### **3.8 Administration-Deming Circle (P D C A)**

The Plan, Do, Check, Act (PDCA cycle, also known as the PDSA cycle, where S stands for Study) or Administration-Deming Circle (P D C A) was an early method of illustrating the task areas of conventional quality management. Because it was developed in the 1920s by physicist Walter Shewhart at Bell Telephone Laboratories, the cycle is also sometimes referred to as the Shewhart / Deming cycle. The Shewhart cycle was altered by W. Edwards Deming in the 1940s, and in the 1950s, he used it to improve management techniques in Japan

### **Research Expectation**

1. The database concerning of the current situation of Academic Administration in High School of Fu Zhou High School.
2. The strategic guideline of Academic Administration in High School of FuZhou High School.
3. It will improve academic management for teachers and administrators in Fuzhou high school.