Construction of Public Mathematics Teaching Team For Basic Platform of Mechanical and Transportation Discipline

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Abstract

In order to improve the teaching quality of advanced mathematics in mechanical transportation and other disciplines, this paper mainly discusses the construction of public mathematics teaching team oriented to the basic platform of mechanical and transportation disciplines.

Keywords

Public Mathematics, Teaching Team, Basic Platform

I. Introduction

In order to further strengthen the connotation construction of higher education quality, deepen the reform of education and teaching, improve the quality of personnel training, and improve the overall quality of the teaching staff, a public mathematics teaching team oriented to the basic platform of mechanical and traffic disciplines was established under the unified organization and planning of the Institute of Mathematics and Statistics. Our team is a rigorous style, keep pace with the times, willing to devote a strong sense of cooperation, is an important teaching force in our school, for many years for the school's Public Mathematics Teaching and personnel training has made important contributions. In order to better cooperate with the professional certification of machinery and transportation specialty and to better serve the cultivation of talents of machinery and transportation specialty, it is necessary to further improve the professional quality of teaching team, optimize the structure of teachers, and strive to build public mathematics teaching team according to the construction standards of excellent teaching team.

A. Basic thinking of team building of Public Mathematics Teaching

The construction of public mathematics teaching team is inseparable from the teaching tasks undertaken by the teaching team. At present, our school's public mathematics teaching is based on the construction of teaching materials, teaching content and teaching methods reform as the core, curriculum informationization as an auxiliary means of teaching such a framework. Modern educational concepts and advanced teaching technology are increasingly demanding on each teacher, and the teaching tasks faced by the teaching team are more challenging. As a public mathematics teaching team, it should be constructed according to the following ideas.

- Establish and perfect the system of teacher attendance. Teachers listen to each other is an important way to improve the quality of teaching. By listening to each other, we can not only exchange the way to deal with the content of the textbook and explain it, but also learn from the style of the lecture
- Teachers should be promoted by old teachers, and weak teachers should be promoted by strong teachers. We should give priority to supporting and training subject leaders and backbone teachers, and take subject leaders and backbone teachers as instructors to guide young and middle-aged teachers, and regularly train young and middle-aged teachers

in practice, practical training, curriculum construction, academic and other aspects so as to improve the teaching and scientific research level of young and middle-aged teachers

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- 3. Young teachers should continue to be encouraged to go out for further study and improve their scientific research level so that they can better combine scientific research with teaching in class, so as to achieve a win-win effect of teaching through research and promoting research through teaching.
- 4. Teachers are encouraged to actively participate in academic and teaching seminars at home and abroad, to broaden their horizons, to understand information on scientific research and teaching reform, to gain timely experience and latest research results in teaching reform, to enrich themselves and to improve their scientific research ability by participating in international or national academic conferences and teaching seminars. Strength and teaching quality.
- 5. Teachers are encouraged to apply for teaching and research projects enthusiastically. Through the research, they will continue to learn advanced educational theories, write teaching and research papers, and compile relevant teaching materials to form correct teaching concepts and their own teaching styles.
- 6. Regularly hire excellent teachers from abroad and abroad to give lectures in our university.

B. The goal of teaching team building

1. Quality goal

Teachers should be guided to establish a correct world outlook, outlook on life and values, be loyal to the people's educational cause, abide by teachers' professional ethics, love their posts and work hard, be models of teachers, teach and educate people, have a sense of collective and teamwork, have a healthy physique, a positive attitude and cooperative spirit, and be able to contact the community and understand the community. Will serve the community.

2. Ability goal

Teachers should be able to undertake the teaching tasks of various public mathematics courses; have the basic knowledge of machinery and transportation specialties and broad knowledge of related disciplines; have the ability to independently carry out scientific research; master modern scientific means and educational information technology.

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3. Teacher echelon structure objective

Within five years, the number of members of the public mathematics teaching team will reach 40, of which more than 50% are young and middle-aged teachers with doctoral degrees and more than 40% are senior titles. There are no more than two classes in the class, which lays a solid foundation for further improving the quality of Public Mathematics teaching.

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