Discussion on Teaching Team Construction Model Based on Curriculum Group

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Abstract. The teaching team is set up based on the teaching goal and takes the teaching as the core task. This paper introduces the theoretical support foundation of the teaching team construction. The construction of the teaching team is driven by the course group construction, and the construction measures based on the course group teaching team are analyzed in order to improve the teaching quality, improve the level of the teaching staff and realize the teaching resources. Optimization.

1.   Introduction

In the undergraduate teaching quality and teaching reform project, teaching team building is a very important content. American scholar Jon R. According to Katzenbach, a team is "a group of small groups of people with complementary skills who share common goals and are accountable to each other." [1] According to this theory, the teaching team in colleges and universities is composed of a small number of teachers who complement each other in teaching skills.

A curriculum cluster is a grouping of different courses of relevance or a certain purpose to form a group for systematic learning and teaching. [2] It helps to strengthen links between different courses and enables students to control their knowledge more systematically, the number of courses in the general curriculum group is more than 3. In colleges and universities, teaching is the most important, teaching team construction is particularly important. Based on the curriculum group, the teaching team systematically plans the subject course from the angle of talent training, pays attention to the construction of the core course and integrates the professional course content. Integration of basic, professional and practical courses, reasonable team structure, cooperation and teaching content Connect with each other and play a clear role.

2.   Theoretical Support of Teaching Team in Curriculum Group

2.1 Barrel Theory.

The cask theory is that the shortest plank, not the longest, determines how much water a barrel can hold. In the teaching team, the team members have some differences in teaching experience, scientific research experience and so on, so the level of comprehensive ability is also different. The leader of the teaching team is an effective manager of the team. [3] find the "short board" in the team, take reasonable measures to make up for the "short board".

2.2 Team Role.

Belbin's team role theory states that a qualified team should be composed of eight types of people: doers, coordinators, diplomats, planners, supervisors, executors, inspectors, perfectionists [4]. Teaching team as a form of organizational teaching, team members should not only solve the division of labor of teaching tasks, but also deal with the need to coordinate the division of labor in the organizational process of team teaching. This requires the teaching team to organize the internal human resources, communication and coordination, through these added values to promote the better development of the teaching team. The teaching team produces 1+1 >2, because of the cooperation among the members of the team.

2.3 Team Development.

Bruce Trackman puts forward five stages of team development: formation period, agitation period, norm period, execution period, repair period [4]. In the period of teaching team formation, team members generally accept and complete the tasks assigned by the team, and in the course of team operation, some members are afraid of difficulties because of the obstacles in the process of task completion, and the team enters the agitation period. After a period of running-in, the team step by step into the normative period; after this stage, the team members will enter a stable implementation period; with the further development of the team, the team members to establish a good relationship, into the repair period. Teaching team should be set up scientifically from the reality of Teaching and reasonable operation of qualified teaching team.

3. The Significance of Teaching Team Construction in Curriculum Group

The construction of teaching team in curriculum group is not only in response to the call of educational reform, but also the actual need in teaching. The construction of teaching team is helpful to improve the overall teaching level.

3.1 Strengthening Linkages between Courses.

In the past, the teachers of each subject have been set up according to their own curriculum content, which leads to the repetition of the contents of the curriculum sometimes, which makes it difficult to arouse the enthusiasm of the students and make the teaching of teachers fall into a passive position. The construction of curriculum group can make teachers exchange needs. The innovation and improvement of one curriculum can promote other courses.

3.2 Formation of a Systematic System of Disciplines.

For example, programming courses are closely related to each other and have a certain order, which is an indivisible whole. Basic course learning is to help students form a certain knowledge structure and ability, professional courses pay attention to the content of each module, have their own focus, and connect with each other. The construction of curriculum group consciously enables teachers to clarify the position and role of the curriculum in the course of teaching, which is helpful for students to understand the relationship between courses systematically and to set up a framework in their minds.

3.3 Improve Teachers' Teaching Ability.

The construction of curriculum group can combine individual learning and organizational learning organically, provide a platform for team members, strengthen the communication and interaction among members, burst out of ideas, cooperate in preparing lessons, and better grasp the learning characteristics of students. Can make teachers strengthen contact, improve the level of collective teaching.

4. Measures of Constructing Teaching Team In Curriculum Group

According to the training plan and teaching goal, the general idea and goal of curriculum group construction are worked out. In principle, the teaching team of curriculum group is mainly composed of 3 or more core courses of specialty, combining with basic courses of specialty, recommending elective courses for specialty. Develop elective courses and set up teaching teams of course groups.

4.1 Definite Curriculum System.

In the course of teaching, the professional curriculum is sorted out, the system of curriculum group and the logical relationship of each course are clarified, and the teaching content of each course is clarified, finally the learning goal of complete system, clear logic and full content is achieved. According to this goal, the course group of computer science and technology is divided into three levels: basic layer, professional layer and integrated practice layer. The determination of the three-tier curriculum system systematizes the professional knowledge and makes the students clear the relationship between the courses, which lays a good foundation for mastering the professional knowledge of the subject.

4.2 Reform of Teaching Methods.

The teaching team of curriculum group carries on the teaching method reform, advocates the experiential teaching method and the use of the flipping classroom in the classroom, and promotes the students' initiative of autonomous learning. Uploading the teaching resources and recorded micro video to the "BB" platform to assist teaching has brought into play the advantages of the traditional classroom teaching and the modern network mode. In the classroom teaching method, we reform the teaching methods of all courses, increase the proportion of experimental courses, and enhance the students' practical ability and participation. Promote students to "learn by doing", increase the proportion of practical examination in the curriculum, the total results include students' usual classroom homework, the results of activities, the level of experimental work, etc., comprehensive assessment, reform the malpractice of changing the spoon-feeding style of teaching, the final grade is no longer determined by the final examination paper.

4.3 Strengthening Team Building.

In order to improve the quality of education and teaching, we should optimize the structure of the teaching staff of the curriculum group, coordinate the structure of the teaching staff in terms of the age structure, the professional title structure, the structure of the academic edge and so on, and complement each other with their advantages. The aim of teaching is to cultivate high quality talents with innovative ability and practical ability. As an important teaching platform of team, excellent resource sharing course can make full use of all kinds of teaching resources. Taking curriculum group as the carrier, it can effectively promote the communication and cooperation among the members of the teaching team and promote the team members to share resources and experiences in the course content and teaching methods. The course construction of sharing high-quality resources as a part of the construction of curriculum resources, write in the course group construction plan goal, strengthens the teaching team teacher troop construction.

4.4 Construction of Evaluation System.

The scientific evaluation system can effectively check the teaching results of the teaching team of the curriculum group and can stimulate the enthusiasm of the team at the same time [5]. A systematic evaluation system of teaching quality is formed through the course teaching quality evaluation system, the students' teaching evaluation, the teaching records of the supervision group and the teachers' self-evaluation. The evaluation process of teaching quality is based on the principles of science, objectivity, generality and feedback. Students' online evaluation of teaching, supervision group's evaluation of teaching, and members' mutual evaluation of class attendance are integrated into the evaluation system of teaching team of curriculum group, so as to promote the healthy development of the team.

5. Summary

The construction of teaching team based on curriculum group is still in the exploration stage. On the basis of reference of relevant theories, it provides a broader space for the progress of curriculum group teaching team based on the model of applied talent training. However, there are still many problems in the construction of curriculum group teaching team, such as how to perfect the internal incentive and examination mechanism of curriculum group teaching team, the development of teacher education, the distribution of teaching resources, and so on. In the future, based on the curriculum group teaching team construction is worth exploring the direction.

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