

"Cloud Computing Technology Innovation Teaching Team" Construction and Sustainable Development Research

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Abstract. this paper introduces the connotation of the teaching team construction in higher vocational colleges and the construction of meaning, and analyzes the basic requirements and innovative characteristics of outstanding teaching team, proposes the cloud computing technology principle, target, the construction idea of the construction of teaching team, and lists the cloud computing technology innovation of the teaching team career development planning, and for the construction of teaching team demonstration and leading role.

Keywords: team connotation; team requirements; construction ideas; career planning.

1. Significance of Teaching Team Construction

The construction of "teaching team" has become an important research topic of human resource management and optimal allocation in colleges and universities in recent years. It is also an important part of the construction of the school's teacher team, an important part of the school's discipline construction and the key to promote the sustainable development of the school. By establishing a team cooperation mechanism, developing teaching resources, promoting education innovation, standardizing teaching management, improving teaching quality, cultivating high-quality talents with innovative spirit and practical ability, at the same time promoting the combination of senior, middle and young people in teaching work, giving full play to the role of transmission, help and lead, and cultivating a sustainable teaching team.

2. Connotation of Teaching Team

The teaching team takes teaching work as the main line, focuses on professional construction, curriculum construction, teaching research and so on, and is composed of famous teachers, professional leaders, and professional and part-time teachers with senior professional and technical positions. Is to develop students as the service object, to some skills are complementary and mutual coordination and communication of teachers as the main body, in the reform of teaching content and teaching method as the main way, through the construction of courses and professional platform, in order to improve the teachers' teaching level, improve the quality of education as the target of a kind of innovative teaching of the basic organization form.

3. Basic Requirements of High-Level Teaching Teams

Liu baocun, a professor at education center of Beijing normal university, believes that a high-level teaching team should have the following characteristics: one is the common goal; the other is complementary knowledge and skills; the third is division of labor and cooperation; the fourth is good communication; the fifth is effective leadership; an outstanding academic leader is needed as the leader of the teaching team.

Ma tingqi, master's tutor of higher education institute of wuhan university of technology, believes that the basic requirements for an excellent teaching team are: clear teaching reform direction, reasonable teaching team composition structure, good teaching practice platform, and clear teaching reform tasks.

4. Team Characteristics of "Cloud Computing Technology" Innovative Teaching Team in Higher Vocational Colleges

The cloud computing technology teaching team of our school has formed the following team characteristics since its inception:

4.1 The Team Leader has Noble Ethics, Strong Dedication, Advanced Ideas and Rigorous Scholarship.

Leaders are good at applying professional management platform, integrating and utilizing social resources, and forming strong team cohesion and creativity through effective team management. Through the establishment and improvement of relevant systems, a high-level and stable contingent of part-time teachers has been established. At the same time, I can timely track industrial development trends and industry dynamics, accurately grasp the direction of "cloud computing technology" professional construction and teaching reform, and maintain the leading level of professional construction.

4.2 Education Shall be Conducted Through School-enterprise Cooperation and Industry-University-Research Cooperation.

In the process of exploring school-enterprise cooperation in running schools and industry-university-research cooperation, it can integrate school-enterprise human resources, give full play to the positive role of each member of the teaching team, and promote and cultivate the growth of young teachers.

4.3 Reasonable Allocation of Teaching Team Members and Strong Ability of Sustainable Development.

The total number of members of the team is 15, including 10 full-time teachers and 5 part-time teachers in the enterprise. The knowledge structure is reasonable, which meets the requirements of the "double-teacher" teaching team. The age structure of the team is reasonable, and the three generations of senior, middle and young people form an orderly echelon. From the perspective of age, professional title and educational background structure, echelon configuration is reasonable, with emphasis on cultivating young teachers with sustainable development ability.

4.4 The Teaching Team has Formed Distinctive Teaching Reform Features

4.4.1 Professional Construction Reflects the New Mode of Talent Cultivation of School-Enterprise Cooperation and Work-Study Combination

The construction team of "cloud computing technology" has extensively carried out school-enterprise cooperation, and achieved the goal of training applied talents of vocational skills through the combination of learning and doing and the combination of double certificates.

4.4.2 Deepen the Reform of Curriculum System and Teaching Content, and Highlight the Cultivation of Vocational Ability

The idea of cloud computing technology specialty construction is as follows: professional orientation orientation, professional talent training program construction, high-quality course construction and specialized teaching materials promote each other, so that the "cloud computing technology" team construction is forward-looking among domestic vocational colleges of the same kind, and its innovative advantages are highlighted among similar majors. To construct a competency-based curriculum content system. We will increase efforts to compile practical teaching materials, improve the assessment system for vocational competence, and establish an evaluation system for practical quality.

4.4.3 Emphasize the Combination of Teaching and Practice, and Construct the Teaching Practice Mode of "Teaching, Learning and Doing Combined"

In the process of team building of "cloud computing technology", the reform of teaching practice mode is constantly explored and the professional teaching practice mode of "combining teaching with practice" is constructed. That is to design and build a professional teaching system as the premise, supplemented by modern information technology means, the application of high-quality teaching resources, to achieve the goal of comprehensive success of students.

4.4.4 Feasible and Innovative Reform Measures

We should carry out the demonstration plan for the construction of "cloud computing technology", compile the relevant teaching document system, carry out the teaching in accordance with the "career development" skill training mode, realize the "dual certificates and simultaneously", form the teaching mode, characteristics and advantages of this course, and gradually form the "cloud computing technology" talent training mode research report.

5. Principles and Objectives of Sustainable Development of "Cloud Computing Technology" Teaching Team

5.1 "Cloud Computing Technology" Innovation Teaching Team Construction Principle

Take the curriculum and the specialty as the link, encourages the teaching innovation, the optimized choice, pays attention to the construction. We should pay attention to the construction of professional teaching teams and consider the construction of some humanistic quality teaching teams.

5.2 "Cloud Computing Technology" Teaching Team Construction Goal

Through the idea of going out, going out and going out, the private cloud platform of "cloud storage", "cloud computing" and "cloud security" of the department is constructed. The training mode and talent training program, curriculum setting program and curriculum standard of cloud computing and application have been formulated. For the construction of the teaching resources of high quality resources sharing curriculum and the teaching and scientific research, training technical personnel by alternating "work-study" innovation practice teaching modes, increase the popularity of professional team, to build an innovative country teaching team structure is reasonable, the teaching level, leading and exemplary role, the unique characteristics of higher vocational colleges.

6. Thoughts on Building a Sustainable Cloud Computing Technology Teaching Team

The ideas of cloud computing technology teaching team construction are as follows:

6.1 Implement the "June 1" Project, Establish Brand Core Course Group, and Promote Professional Construction.

- (1) construction of key construction majors "above provincial level".
- (2) establish a teaching team at or above the provincial level.
- (3) cultivate 2-3 "school-level or above" teachers.
- (4) build 1-2 school-level high-quality resource-sharing courses.
- (5) jointly build an iaas-based cloud computing teaching resource base.
- (6) to form a series of "above provincial level" teaching and research achievements that serve the society.

6.2 Continuously Deepen the Teaching Reform with Employment as the Guidance and Vocational Ability Training as the Goal

6.3 Project-oriented and Task-driven, Improve Teachers' Professional Ability

School-enterprise cooperation to jointly develop two high-quality core courses of "cloud computing technology", as well as corresponding teaching resources and social training project resources. Ensure that every teacher on the team has projects to improve task-driven professional teaching.

6.4 Take Serving the Society as one's own Responsibility and Improve the Technical Ability of the Team

7. Career Development Plan of Cloud Computing Technology Innovation Teaching Team

7.1 Make Professional Title, Education Background and Technical Promotion Plan According to Their own Characteristics.

7.2 Encourage Application for Scientific Research Projects, Participate in Education Teaching Reform, and Produce High-Level Teaching Results.

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