Research on the Application of Teaching Management based on "Internet +"

Hong Li

College of Food Science and Engineering, Jilin Agricultural University, Changchun, 130118, China

Abstract. To innovate in the teaching management model at colleges and universities and to improve the teaching management level is a fundamental problem to be addressed by the colleges and universities. In the meantime, it is also a subject worthy of discussion and research. This paper discusses how can we take good advantage of the teaching management methods under the background of "Internet+" and put forward new insights on the professional development of the teaching management team. By combining the actual conditions of current teaching management, useful and efficient measures have been explored for the teaching management in colleges and universities.

Introduction

At present, the Chinese government is promoting the plans of "Internet+" do so as to achieve social innovation through the Internet, which has already become a national strategy. Modern scientific and technological methods featured by the big data, cloud calculation and mobile Internet are leading to the new industrial transformation and various new models of communication and education. Cross-regional communication and the education based on the integration of multi-dime trial information has become more and more common. In the modern times, the higher education is a heated topic around the globe. It is closely related to improving the quality of talents, which is the core task of popularizing the higher education.

General Introduction of Management in Colleges and Universities

Teaching management is the fundamental part for colleges and universities. It is also the basis for the teaching activities in college and universities. Teaching management is mainly made up of: target evaluation, teaching plan management, teaching process management, teaching quality supervision and evaluation, teaching target management, etc. The common characteristics of the teaching management in colleges and universities are: heavy tasks and trifle tasks. In the meantime, the teaching management in colleges and universities is timeline-oriented, accurate and complicated. The feature of timeline-oriented requires the teaching management staff to deal with related affairs immediately. For example, the making and planning for the teaching plans for every semester, the arrangement of teaching evaluation, the arrangement for final exams and make-up exams, the issuance of the admission ticket for CET-4 or CET-6, etc. In case of any delay, there will be serious consequences. The feature of accuracy requires the teaching management staff to be careful and responsible and to do every thing accurately without any mistakes. The feature of complicated means that the teaching management team in a particular department in colleges and universities is made up of the corresponding dean and teaching secretary. The dean is responsible for the overall planning while the teaching secretary does the specific work. Therefore, the teaching secretary is the main body for the execution of teaching management affairs. He is both a manager and a service provider. Therefore, compared to other positions in the colleges and universities, teaching management is of great importance.

Teaching Management Under the Background of "Internet+"

With the development of the Internet, people are entering a brand-new time of "Internet+". "Internet+", in simple words, refers to the "the Internet plots various traditional industries". Here, the "+" not only means the simple adding of the Internet and traditional industries. Instead, it means to taking advantage of information and network platform and information communication technology to deeply and fully integrate the Internet and traditional industries. The in-depth development and application of the Internet causes great changes in teaching management positions. "Internet+" has also put forward new requirements for the teaching management as well as the related staff.

(I) The fundamental for facilitating the teaching management transformation under the "Internet+" is to build a high-quality, efficient, and capable teaching management team. The teaching secretaries in colleges and universities are the key personnel involved in teaching management affairs, thus being the bonds between teachers and managers. They are the fundamental and important factor for stabilizing teaching order and fulfilling teaching tasks.

Currently, there are mainly the following problems for teaching secretaries in colleges and universities: 1. They often lack professional knowledge, training or guidance. Before the teachers in colleges and universities got their job, they need to be trained well. The courses include pedagogy, psychology, mandarin and so on. Moreover, most teachers in colleges and universities have to act as the assistant lecturer for at least one semester or go through other training process before they take the position of key lecturer. However, the recruitment requirements for teaching secretaries are not that harsh. There are not specific requirements or any pre-job training. Under the background of "Internet+", most colleges and universities apply the network teaching management system, which means the teaching secretaries should have corresponding skills to handle it. 2. The colleges and universities haven't paid enough attention to the works by teaching secretaries. The team of teaching secretaries are always unstable. In most cases, the colleges and universities haven't laid much emphasis on the works by teaching secretaries and haven't formed a correct view on it. In most colleges and universities, the teaching secretaries are not within the national recruitment system. They can't be treated equally in terms of titles and posts, promotions, profit distribution, and so on. The job of teaching secretaries is always trifle but heavy. However, they cannot get the respects they deserve. These all result in the unstable its of teaching secretary teams. 3. The teaching secretaries rarely go out and communicate with other colleges and universities. For the above mentioned problems, the colleges and universities should firstly change their view towards teaching secretaries and start to value their effort. During the recruitment process, they should apply competitive mechanism and high requirements. For example, the basic requirement for hiring teaching secretaries should be proficiency in computers. In the meantime, the colleges and universities should also enhance the moral and ideological education and provide pre-job training for teaching secretaries.

(II) The informatization construction of teaching management aims at building a scientific, systematic and comprehensive teaching management information platform, which is a premise for the teaching management informatization of "Internet+". Under the major trend of "Internet+", since the 1990s, many colleges and universities have carried out informatization construction. Most colleges and universities have had their own network platform and teaching management platform. A fundamental informatization framework has been basically formed.

During the process of informatization construction, we find that: 1. Currently, the information platforms of colleges and universities are various and complicated. Generation after generation of such platforms appear. In our research, we find that one college or university may have many teaching management platforms, including: teaching affairs management system, equipment management system, course period application system, condition data collection system, graduation internship management system, and so on. There are so many kinds of different systems. As a result, the same data has to be filled again and again in different platforms. To some extent, the users have to repeatedly and frequently fill in the same data. Even worse, for some informatization platform requires continuous updates due to a lack of research during the initial period of the construction, which makes things much difficult for the teachers and management layer. Therefore, only when we establish a systematic and comprehensive informatization platform can we truly realize the teaching

management reform under the background of "Internet+" and achieve the integration of the Internet and teaching management. 2. There is a relatively great demand for the informatization management talents in colleges and universities. Most colleges and universities focusing on science and technology have majors like information, thus having many talents in informatization. However, most of them will take teaching positions, instead of teaching management positions. Here comes the problem: even though there are talents, we can't find one for the position. It is necessary to involve professional teachers and students into the teaching management process. They should work together to complete the data maintenance and network platform construction and management. In "Higher Education in the 21st Century: Prospects and Statements of the World", it is pointed out that: "the decision-makers of the country and colleges and universities should regard students as the main undertaker and force for the reform of higher education. This shall include: students' participation in the discussion and evaluation for issues concerning higher education; students' involvement in the reform of teaching methods; also, under current system, students should be able to be a part of the decision-making process and management of the departments or the colleges and universities."

At present, in the university of the author of this paper, the students are involved in the teaching management process through the following aspects: positions of on-campus part-time job, part-time job of student cadres, etc. Through such participation by students and professional teachers in teaching management process, on the one hand, we can provide students opportunities to apply the professional skills into real application and help those students from poor families; on the other hand, the involvement of professional teachers in teaching management will facilitate the communication between managers and teachers. Also, it will provide teachers a chance to guide students in real practice. As the key and routine task in colleges and universities, teaching management is of great significance. While we education people, we should also do the management in a humanized way. Teaching management is a fundamental job integrating management and service. It is also the basis to guarantee the teaching order and quality. The nature of teaching management decides that the teaching management staff must master corresponding professional skills and management abilities.

Conclusion

Teaching management coordinates the teaching affairs in the colleges and universities to keep the teaching works in a stable and smooth progress. To improve teaching quality and the level of running schools is of great importance for the teaching activities inside the colleges and universities. The qualifications and abilities of teaching management staff cannot be achieved within only one day. On the one hand, the colleges and universities should provide them with a good platform. On the other hand, the related staff should continuously learn new skills to enrich and perfect themselves. They should work with great passion to give their abilities and wisdom full play, so as to achieve energetic and efficient management in teaching affairs. Only when we establish a professional team of management staff of high quality and efficiency and come up with a scientific, systematic and comprehensive teaching management information platform can we continuously improve the teaching management in colleges and universities. In that case, we will be able to provide students and teachers with a good environment of learning and working and promote the scientific and modern teaching management through better regulations and mechanisms

References

[1] Du Guangbin, Zheng Yamin. Thoughts and Explorations on Enhancing and Regulating Second Class Department Teaching Management[J]. Academic Journal of Yulin College, 2013,23(3):131-133.

[2] Chen Zuzhao. Discussions on the Impact of "Three Strict and Three Practical" Concepts on Intensifying Teaching Management in Colleges and Universities. [J]. Academic Journal, Hubei University of Economics (Humanity and Social Science), 2015(1):120-122.

[3] Lin Xing. On the Scientific Teaching Management in Colleges and Universities[J]. Academic Journal, Correspondence University of Hubei Province, 2014(19):21-23.

[4] Yue Hu, Yang Haolai, Liu Yongzhi, et al. Brief Discussion on Teaching Management Concept Reform in Colleges and Universities. [J]. Science and Technology Information, 2014(4):28.

[5] Zhang Tong, Zhao Jiangchuan, Wang Bin. Supervision and Management Mechanism and Reform for Undergraduate Teaching[J]. Academic Journal, Lanzhou Petrochemical Vocational and Technical College. 2012,35(4):31-34.