

Study on the Standardization and Individuation of Classroom Teaching in Higher Education

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Abstract—To improve the quality of classroom teaching is the eternal theme of college education. Classroom teaching is not only a science but also an art. The standardization and individuation of classroom teaching is a pair of contradictions. When the contradictions were to be deal with properly, we should really improve the quality of classroom teaching. Standardization is the basic requirement of classroom teaching, and individualization is the higher requirements of classroom teaching. Standardization and individualized unity is the ideal pursuit of classroom teaching. This paper discusses the basic connotation of standardization and individualization of teaching, and puts forward some views on how to deal with the relationship between standardization and individualization in classroom teaching. Teaching practice proved that teachers need to have a unique teaching personality and style, at the same time, individualized teaching should also have the norms and constraints.

Keywords—classroom teaching; standardization; individuation; flipped classroom; MOOC; higher education

I. INTRODUCTION

Teaching is a creative work. How to deal with the relations of standardization and individuation in teaching, to build a coordinated and sustainable development of the teaching model, effectively and effectively improve the quality of classroom teaching, which we must deal with the subject. Teaching norm is the basic rule that the teaching subject should follow in order to realize the teaching goal. It is the restriction of the teaching subject in teaching. Individualized teaching refers to a teaching activity in which teachers use an individualized teaching method to meet an individualized study of student s and promote a healthy development of individual personality, which are characterized by democracy , subjectivity, creation and coordination [1]. The formation of teaching individualization is a long-term practice.

Education needs both standardization and individuality. In particular, teaching needs pursue dialectical unity of standardization and individuation. Only setting up the dialectical teaching idea of the combination of standardization and individuation, can we construct the teaching mode of sustainable development. Only in this way, we will be able to develop new and unique potential professional researchers, and we will be able to select a solid and innovative teaching master.

II. STANDARDIZATION IS THE BASIC REQUIREMENT OF CLASSROOM TEACHING

The classroom teaching standardization is based on the overall requirements of personnel training programs and curriculum standards, the purpose of teaching, content, methods and means to determine the criteria and methods. To improve the quality of teaching, we must give full play to the role of classroom teaching, and classroom teaching standardization is not only one of the main contents of education, but also get a good teaching effect of an important prerequisite.

A. The Standardization of Teaching Documents

Teaching documents include personnel training programs, curriculum standards, curriculum design, teaching plans and so on. The standardization of teaching documents not only provides a guarantee for the standardization of teaching content, but also provides a prerequisite for the standardization of teaching management. At present, the military academy is to do the characteristics of vocational education institutions in depth development. In order to meet the military academy education "To focus on actual combat, to move closer to the troops" requirements, we have organized the development of new personnel training programs and curriculum standards, these documents is the basis and norms of teaching training.

B. The Standardization of Teaching Contents

Under the condition of serving education, it is the basic requirement of teaching standardization to ensure the pertinence, scientificity and timeliness of teaching content. Teaching content reform is the core of teaching reform. In the teaching content reform, we adhere to the scientific development concept of people-oriented, establish the dynamic updating mechanism of teaching content, and realize the rolling development of teaching content. First of all, in order to implement the "three close" (close to the troops, close to the equipment, close to maintenance) requirements, we must promptly update the teaching content; enhance the relevance of teaching content. Second, we should pay attention to the frontier of the subject and the study of major practical problems and timely turn forward the research results of the frontier and reality problems into teaching content, improve the starting point and level of teaching, and improve the timeliness of teaching. Teaching materials is the carrier of teaching

content, therefore, the standardization of teaching content to a certain extent can be attributed to the standardization of teaching materials. We carry out the "excellent course" and "excellent teaching materials" construction task, which is an important measure of the standardization of teaching content.

C. The Standardization of Teaching Process

The teaching process is the process of interaction between teachers and students. The standardization of the teaching process requires that the teacher's teaching conforms to the law of education, and the students' learning is in accordance with the law of learning. As far as the teacher's teaching is concerned, there should be a certain procedure in the course of preparation, class, review and examination. We require teachers to prepare the "five items" (curriculum standards, curriculum design, teaching materials, lesson plans, multimedia courseware), which is not only the standardization of teaching documents requirements, but also to train teachers teaching process of standardization of important measures. For the students' "learning", in the study, thinking, practice and other stages should have the appropriate form of organization. For example, in the organization of the examination, from the proposition, the examination of the organization, marking, must follow a certain procedure, so that there are rules to follow, standard and scientific and reasonable. At present, we generally practice the separation of teaching and examinations, which are the pursuit of standardized efforts to test. The standardization of teaching process also includes the standardization of teachers' behavior. For example, the character of the teacher to be correct, behave to civilization, accent to the standard, the state to be natural, blackboard to be neat. The standardization of teachers requires teachers to have good professional ethics and a high level of vocational skills.

III. INDIVIDUALIZATION IS THE HIGHER REQUIREMENT OF CLASSROOM TEACHING

The philosophical meaning of individuality refers to the particularity of the contradiction between things. The individualization of teaching is the individual teaching ability which is gradually formed by the individual in the teaching practice. It is the reflection and manifestation of the individual temperament and character of the teacher in the teaching activity.

A. Individuality is the Requirement of the Students' Levels and Differences

Teaching to achieve results, we must take into account the individual differences in personality. Educational practice shows that one of the common characteristics of successful teaching is to adapt to the differences and personality of students. Because of the level of training and the diversification of the types of education, the formation of a variety of learning starting point and learning style; student education level, personality, interest is different; combined with the length of time and so on, which determines the teaching should reflect Personalization, support the learning needs of students at different levels of learning, for each student's personality development to provide enough space to give full play to every

student's talent, so that every student has been fully coordinated development.

B. Individuation is the Embodiment of Teachers' Creative Work

The work of the teacher is creative. Personally, people will teach the personal characteristics of teaching as "teaching style." Because each teacher's knowledge structure is different, personality characteristics are different, his teaching will have its own characteristics. In fact, the formation of teaching style is one of the signs of whether a teacher is mature. If a teacher in ten years or even decades of teaching process still cannot form their own teaching style, it means that teaching failure.

The individualized teaching of the teacher is neither the teaching behavior of the passive water nor the deliberate pursuit. It comes from the individuality of the teacher's emotion, the individuality of the mind, the individuality of the act and the integration of experience, knowledge and ability. Therefore, the teachers in the teaching of the personality shown by the differences, tendencies and unique non-repeatable and alternative, for the teaching style of the teacher, this is particularly prominent. Advocate teacher teaching individualized, is the respect for the personality of teachers, but also a good reflection of people-oriented. At the same time, due to the diversity of teaching style, students from different styles of teachers who are emotion and reason, behavior and personality of the various aspects of infection, students thinking because of the diversification of teaching style and always active. For example, some teachers in the teaching of clear thinking, concise, rely on the logic of the strength to win, so that the classroom rigorous degree; some teachers knowledgeable, next to Bo cited, with rich knowledge and good eloquent, so that the classroom lively and active; The teacher lectures humorous, good at inspiring, teaching affinity, so that the classroom fun . . . In short, a distinctive style of class, as for students to open a book of fascinating books, so that students learn in which, in which music. So the teacher's different teaching style, but also a course of resources. Because the students from the access, not just knowledge, but also contains the human spirit, scientific methods and innovative consciousness.

C. Individualized Teaching is the Inevitable Result of the Development of Educational Idea and Educational Technology

In recent years, with the rapid development of modern educational theory and educational technology, individualized teaching has also been the rapid development. For example, constructivist learning theory, action-oriented learning theory, combined teaching mode, blended learning, flipped classroom teaching mode, which provide theoretical basis for individualized teaching. At the same time, online courses, micro-class, MOOC (Massive Open Online Course), SPOC (Small Private Online Course) and other emerging teaching media, which provide variety of technical means for individualized teaching. Therefore, the individualized teaching is the inevitable result of the development of educational theory and educational technology

As a new teaching mode, Flipped Classroom has become the hot issue of teaching research and it has been accepted and praised highly by more and more researchers and schools. It changes teachers' dominant position in class and the relationship of teaching and learning between teacher and students, and students change passive learning into active learning [2]. Recently, many schools set up the flipped classroom, which is different from the traditional teaching mode. The model's main content is that the teachers prepare for 7 to 12 minutes online video, students need to study independently at first, and then they would go back to classroom, with the help of the teacher and fellow students to complete assignments and discussions. By this new teaching method, students study more effective. Flipped classroom have become a popular new teaching mode and a useful supplementary to the traditional classroom teaching mode [3]. As far as I am concerned, the flipped classroom is one of the important ways to carry out individualized teaching.

A massive open online course (MOOC) is an online course aimed at unlimited participation and open access via the web [4]. MOOC is a means of education that is developed by the leading teachers' and many learners participate in it, which includes teaching video, after-class exercises, network interaction, and learning test [5]. In addition to traditional course materials such as filmed lectures, readings, and problem sets, many MOOCs provide interactive user forums to support community interactions among students, professors, and teaching assistants. MOOCs are a recent and widely researched development in distance education which were first introduced in 2006 and emerged as a popular mode of learning in 2012 [6][7]. The arrival of the era of MOOC is indeed a revolution in education ideas and ways of education; it also greatly affects the teaching model reform, so colleges and universities need to make full use of the advanced MOOC and promote teaching model reform [8].

IV. THE UNIFICATION OF STANDARDIZATION AND INDIVIDUALIZATION IS THE IDEAL PURSUIT OF CLASSROOM TEACHING

Teaching is conscious, purposeful, organized and highly predictive. Therefore, it is very important to conform to the scientific rules of instructional design and the standardization of its process. At the same time, teaching is a kind of activity that allows personality to show and play improvisation. Therefore, the emotional mobilization, the context of the contrast and the art of education in line with the laws and regulations of teachers and students echo and interaction, a variety of means of immediate use and adaptation is also essential. So, how should we deal with the relationship between standardization and individualization?

A. *Standardization and Individuation are the Universality of Contradiction and the Unity of Particularity*

Standardization and individualization are the different levels of classroom instruction. Standardization is the basic level of classroom teaching requirements, and individualization is a higher level of classroom teaching requirements. Standardization is the quality of classroom teaching requirements, is the prevalence of contradictions.

Individualization reflects the teaching content and the characteristics of students and teachers, which is the specific aspects of contradiction. From the norms of personality and personality from the norms, which are contrary to the dialectics. Good and efficient classroom teaching should be standardized and individualized integration.

B. *Standardization and Individualization are the Unity of Teaching Scientific and Artistic*

Teaching is the combination of science and art is the unity of truth, goodness and beauty. Standardization is the pursuit of science and reality, and individualization is the embodiment of art and beauty. Whether it is standardized or individualized, should be conducive to improving the quality of teaching, is conducive to the overall development of students as the goal, which is the good performance of teaching, but also the starting point of teaching and foothold.

C. *The Integration of Standardization and Individualization is the Process of Practice and Accumulation*

The formation of individualized teaching means that the teacher's teaching art is mature. Teaching rules of a comprehensive grasp, flexible use, reflecting the personality is not overnight, but a long-term complex accumulation and sublimation process. First rule and then it may go beyond all the rules, understand the rules, with the rules, and then it may not reach the rules and rules of freedom of the stage. This kind of teaching the freedom of the realm, it is not easy. Only in the hard work of teaching positions, in practice, constantly improve the teaching level and teaching art, teaching norms and personality can finally complement each other to achieve standardization and individualized perfect blend of teaching realm.

V. DISCUSSION AND ADVICE

A. *Adhere to the Unity of Teaching Standardization and Individualization*

In the teaching process, if we do not adhere to the standardization and individuation of unity, or fragmented one-sided emphasis on adherence to standards, to achieve standardized goals, ignoring the diversity of personality, to strangle the individual, which will form a thousand people side of the dull, No vitality of the classroom teaching. In this environment, teaching is not cultivating outstanding personality, application ability, and innovative spirit of the talent. Therefore, highlight the personality can't forget the norms, grasp the norms can't erase personality.

B. *Teachers Should Consciously Pursue the Formation of Individualized Teaching*

The formation of individualized teaching is inseparable from the teacher's consciousness. If a teacher does not consciously pursue the sense of individualized teaching, there is no self-improvement of the power, then any external strength of the teacher's individualized teaching formation to no avail. In addition, teachers in order to form an individualized teaching, but also must have a clear understanding of their own

characteristics, self-concept, according to their own characteristics to design personal development strategy.

C. Should Create a Good Atmosphere for Individualized Teaching

The formation of individualized teaching requires not only the efforts of teachers themselves, but also the need for schools to the formation of individualized teaching teachers to create a good atmosphere. For those who have distinctive personality, we should actively encourage, boldly cultivate, and give a wide range of help to help teachers to better demonstrate their own personality, so that they stand out as soon as possible to form their own individualized teaching style.

Teaching evaluation is a powerful lever to promote teaching work. If we use good teaching evaluation, the enthusiasm of teachers will be greatly mobilized, so as to promote the formation of individualized teaching staff. The evaluation of teaching quality should be flexible. We should be based on each teacher's teaching personality and teaching effect of a comprehensive evaluation, evaluation should protect the personality of teachers. We should be in the classroom teaching quality assessment to discover and promote the teacher's individualized teaching as a breakthrough, to take all levels of leadership, teaching supervision experts, teachers counterparts, students participate in a wide range of teacher evaluation activities, so as to promote the teaching concept Change, and thus promote the realization of individualized teaching.

VI. CONCLUSION

Teaching activity is a very complicated process, and it is necessary for the development of the society to promote individualized teaching. However, the individualization of teaching must be based on the respect of academic norms and

the reasonable teaching order. Only by dealing with the relationship between standardization and individuation, can we further improve the process of teaching activities and achieve the goal of university education under the condition of modern education. In particular, under the conditions of the rapid development of educational theory and educational technology, how to deal with the balance between the two aspects of standardization and individualization will be the subject of further study.

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