

# Discussion on the Construction of Online Open Courses for Teacher Education

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**Abstract :** The construction of online open curriculum for teacher education is not only conducive to the innovation of teachers' curriculum concept, increase the openness of teacher education curriculum, and constantly update and optimize the curriculum content; but also conducive to improving the teaching methods of teacher education curriculum, strengthening the education practice link, and promoting the sustainable development of teacher education. The construction of teacher education online open course not only needs to build an excellent teacher team, reform the content of teacher education online course and teaching mode through the careful cooperation of team members, but also needs to establish the corresponding curriculum evaluation system according to the characteristics of online course.

**Keywords :** Teacher Education; Online Open Course; Construction Strategy

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Online open course of teacher education can effectively realize the integration of online education, better cultivate high-quality teacher team, and help teachers adjust the curriculum structure and content, to make the curriculum better adapt to the teaching objectives. The construction of teacher education online course should actively make response strategies to the existing problems, so that the teacher education course can play a better role and train more talents for the education industry.

## 1. The main problems in the construction of teacher education curriculum

### 1.1 The imbalance between professional courses and educational courses

The curriculum of teacher education is generally divided into general education curriculum, subject professional curriculum and education professional curriculum. But in the practice of teacher education, we usually pay more attention to the construction of professional courses, and the proportion of professional courses is less than 10%, which leads to the serious imbalance of the proportion of curriculum education. Education professional courses usually include psychology, pedagogy, subject teaching method and teaching practice courses, which not only undertakes the mission of improving teachers' educational theory literacy, but also plays an important role in the cultivation of teachers' actual teaching ability. The low proportion of education professional courses is not conducive to the training of teachers' education professional quality and teachers' specialization.

### 1.2 The content of teacher education curriculum cannot meet the needs of the times

With the development of the times, the content of teacher education curriculum should also keep pace with the times. However, the content of teacher education curriculum is not scientific. On the one hand, the core system of teacher education curriculum knowledge is still based on the traditional education theory, which is not consistent with the new curriculum theory and the characteristics of the information age, the cases in the teaching materials are not updated in time, and the curriculum content is lack of pertinence to practice. On the other hand, the content of teacher education curriculum is empty and narrow. The content of the

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course is still based on the concept, which is lack of integration with the actual teaching cases, resulting in the content is empty and not infectious. At the same time, the public basic curriculum of teacher education is single, which cannot effectively meet the needs of the education industry in the new era, resulting in the low quality of talent training.

### **1.3 Teacher education curriculum pays more attention to academic than practical**

Academic and practical are the two principles of teacher education curriculum construction, but in practice there is a widespread phenomenon of emphasizing academic and neglecting practice. The content of the course focuses on the teaching of professional academic knowledge, less on the form of personal demonstration, so as to achieve the unity of theory and practice. As a result, students have good academic knowledge, but they cannot use the theory in practical teaching to solve problems. Therefore, the academic and practical nature of teacher's curriculum is indispensable. We should balance the relationship between the two and better achieve the training goal of teacher education.

## **2. The value and significance of online open course construction in teacher education**

### **2.1 It is conducive to the innovation of teacher education curriculum concept**

Teacher education curriculum plays an important role in the training of teachers, which can effectively innovate the concept of teacher education and improve the teaching ability of teachers. The construction of online open courses can break the limitation of time and space, let teachers participate in online courses anytime and anywhere, and make up for the lack of offline courses to a certain extent. At the same time, the integration of online open courses can conform to the development of the information age, integrate the Internet curriculum resources, and realize the sharing of high-quality educational resources, in order to timely introduce advanced teaching concepts, strengthen the training of teachers' moral cultivation and educational ability, and cultivate teachers' sense of social responsibility, practical ability and innovative spirit.

### **2.2 It is helpful to optimize the course structure and content**

Compared with the closeness of text courses, online courses are open. The construction of online courses is not limited by class hours and educational conditions, and can flexibly open a variety of courses with different duration and different nature, so as to optimize the structure of teacher education curriculum.

At the same time, the openness of online courses can make it absorb curriculum resources from various channels in time, thus greatly enriching the content of teacher education courses. According to the development of the times, the socialist core values can be effectively integrated into the teacher education curriculum, reflecting the era characteristics of "curriculum ideological and political". Moreover, online courses can also update the frontier knowledge of subjects, and integrate subject knowledge, psychological knowledge and information technology into teaching, so that teachers can continuously improve their information literacy and information teaching ability through learning.

### **2.3 It is beneficial to strengthen the practice of education**

Online open courses can make full use of simulation classroom, live teaching, case analysis and other teaching modes to increase the proportion of practical teaching through a variety of ways, so as to effectively stimulate learners' interest, improve teaching efficiency, and enhance teachers' learning ability, practical ability and innovation ability. At the same time, teacher education online open course can provide a good practice teaching platform, which can not only provide more education resources for teachers to learn, but also provide online education practice platform, so that teachers can actively carry out course practice, and constantly improve their teaching ability through teaching practice activities.

## **3. The path and strategy of online course construction in teacher education**

### **3.1 Cultivating the concept of online open education and building a high quality team**

The construction of teacher education online course needs to undertake the responsibility of teacher education course, change the concept of education, and form a high-quality teaching team. On the one hand, the teacher education curriculum should be changed from the education of educational theory knowledge to quality education. We should not only pay attention to the study of teachers' educational theory knowledge, let teachers continue to expand their educational theory knowledge through learning, but also pay attention to the cultivation of comprehensive quality, let teachers have advanced educational concepts, good moral quality and information literacy, meanwhile, it is also necessary to master the teaching art, and have good teaching implementation ability, to better contribute to the education industry. On the other hand, we should establish a developmental curriculum concept, so that the teaching content keeps pace with the times. First of all, teachers should pay attention to the concept of modern education, respect the

law of students' development in the teaching process, and stimulate students' enthusiasm through flipped classroom, micro class and other teaching modes, in order to create a good learning environment for students. Secondly, teachers should pay attention to the needs of the education industry, and constantly improve their quality according to the requirements of the industry, so that their ability to better adapt to the needs of educational practice.

### **3.2 Optimizing the structure and content of online open courses**

Optimizing the structure and content of online open courses can promote the high-quality development of courses. From the analysis of curriculum structure, it is necessary to balance the proportion of various courses in the course construction, not only to ensure the basic requirements of teacher training through the construction of compulsory courses, but also to meet the personalized needs of teachers at different levels and different professional development stages through elective courses. The construction of compulsory courses focuses on the concentration of knowledge points in course teaching, and explains the key knowledge in detail to improve the quality of teaching. Elective courses focus on the breadth of knowledge, expand the breadth and depth of content on the basis of teaching materials, and do a good job in the supplement of subject knowledge. Only in this way can they cooperate with each other and play a great value. From the perspective of curriculum content, on the one hand, we need to pay attention to the updating of teaching knowledge, introduce advanced teaching concepts and new achievements in the field of education, and promote the convergence of teaching content with the development of the times. On the other hand, we should pay attention to the training of educational skills in the content, and make full use of the theoretical knowledge in the course in practice, so as to fully through the Internet platform to learn excellent teaching resources, actively participate in practical education activities, and use teaching practice to enrich their own teaching experience and better teaching.

### **3.3 Establishing and improving the online open course management evaluation system**

The construction of curriculum management evaluation system can clarify the quality standard of teacher education curriculum, and make the online open curriculum of teacher education get better development. For example, in the actual teaching process, the first need to develop the relevant online curriculum standards, so that the curriculum construction has rules to follow, with a clear direction. Secondly, teachers of online open courses need to make the goal planning, design scheme and course effect of open courses into teaching copy for reference. Finally, the school needs to use the online platform for student learning, teacher participation, teacher-student mutual evaluation and other forms of evaluation, and use experience exchange meeting, forum and other forms of curriculum teaching supervision to promote the development of online curriculum.

## **4. Conclusion**

To sum up, the construction of online course of teacher education first needs the help of the existing online open platform to provide corresponding technical support for the construction of the course. At the same time, the course undertakers need to update the concept of education, set up a high-quality teaching team, and establish and improve the management and evaluation system of online courses, in order to realize a variety of evaluation methods, such as student participation, teachers' mutual evaluation, teachers' and students' mutual evaluation, and make the online open courses of teacher education develop with high quality.

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