

A Study on the Cultivation System of Educational Informatization Ability of English Majors in Normal Schools under the Background of Information Technology

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Abstract. The educational informatization ability of English major normal school students is the endogenous variable that drives the reform of English education system, and it is also the key to drive the development of education modernization. Training and improving the educational informatization ability of English majors is a brand-new ability requirement under the information technology. In order to better adapt to the new teaching environment and improve the effectiveness of education, based on the characteristics of English major and the basis of students, the system of cultivating the educational informatization ability of English major normal school students should be constructed by integrating the information technology background. Based on the background of the application of information technology, this paper puts forward some strategies for the construction of the educational informatization competence training system for English majors.

Keywords: Information technology; English major; normal school students; education informatization; ability development

Under the background of educational information and the development of normal school students, normal school students need to constantly improve their teaching ability of subject information. By taking the cultivation of information-based teaching ability of English majors as the target, this paper probes into the problems and causes of the cultivation of the subject information-based teaching ability of English majors in normal schools, and how to effectively develop the subject information-based teaching ability of English majors from the design of the training content.

1 THE BACKGROUND OF CULTIVATING THE EDUCATIONAL INFORMATIZATION ABILITY OF ENGLISH MAJORS IN NORMAL SCHOOLS UNDER THE BACKGROUND OF INFORMATION TECHNOLOGY

Information technology has the potential to support educational and teaching changes, to change the current basic education teaching model based on knowledge transfer, and to promote the development of students' core literacy. For information technology, as a digital aboriginal normal students than as a majority of digital immigrants in-service normal students have a stronger sense of identity. If we can effectively promote the development of the information-based teaching ability of the normal school students, the contemporary normal school students will become the promoter and catalyst to promote the development of the students' core literacy.

The development of information technology has brought great changes to the form of education and the way of learning. It promotes the reform of education and teaching, and guides students' learning through the platform of information technology and the integration of online and offline teaching methods, constantly break through the innovation of teaching means, the traditional teaching means and information-based advanced teaching means. Teachers' professional development is an important guarantee to meet the requirements of the information age, improve teachers' educational level, optimize teaching quality and cultivate high-quality talents.

The theory of teacher professional development usually divides the teacher's professional knowledge into three categories: ontological knowledge, conditional knowledge and practical knowledge. The ontological knowledge refers to the teacher's special subject knowledge, which is the basis of the teacher's teaching, and the conditional knowledge is the teacher's relevant knowledge of pedagogy and psychology, which is the important guarantee of the teacher's successful teaching, it includes the knowledge of students' physical and mental development, the knowledge of teaching and learning, and the knowledge of Students' achievement evaluation, it is the experiential knowledge depending on the situation and the accumulation of teachers' teaching experience, including the methods and skills for teachers to carry out teaching activities with the help of information technology. The teacher's ontological knowledge is the entity part of the teaching activity, the conditional knowledge plays the theoretical supporting role to the teaching of the ontological knowledge, and the practical knowledge plays the practical guiding role to the teaching of the ontological knowledge. The definition of teacher knowledge in the theory of teacher professional development provides a basis for this study to analyze the content of excellent teachers' comments.

2 THE CHARACTERISTICS OF THE CULTIVATION OF EDUCATIONAL INFORMATIZATION ABILITY OF ENGLISH MAJORS IN NORMAL SCHOOLS UNDER THE BACKGROUND OF INFORMATION TECHNOLOGY

2.1 Upgrading of information technology operations

Based on the investigation and analysis of English normal school students, it is found that many English normal school students lack enough understanding of the importance of information-based teaching ability. Most English majors attach too much importance to the study of their major courses, too much attention has been paid to such specialized courses as comprehensive English, English listening, spoken English, English reading and translation, most of my time in and out of class is devoted to the study and training of professional knowledge, while some it courses are neglected, for example, "modern educational technology", "Computer Foundation for college students" and so on, so in the information technology operation level can not reach the standard. It is suggested that teachers colleges should strengthen the study of it theoretical knowledge and the training of it operational skills at the basic stage of the first and second grades of English majors, and establish a sound framework for the study of it theoretical knowledge, to strengthen the internet and related software on students' ability to drive information, strengthen learning and special training. Provide strong course technology support for web-based learning and mobile apps, and allow sufficient time for students to demonstrate their skills in class settings. In this way, teachers can pay attention to the advantages and disadvantages of each student in the information technology operation, and receive the performance and feedback of each student in time, which is beneficial to the improvement and improvement of students. Normal colleges and universities should establish a set of perfect evaluation system of information technology, improve the students' attention to the operation of information technology, pay attention to information-based teaching, and improve the initiative and enthusiasm of learning.

2.2 Enriching the knowledge of information-based teaching

English majors should further learn how to apply information technology to English teaching on the basis of mastering the operation skills of information technology, and at the same time give full play to the advantages of traditional teaching, integrating into the teaching knowledge and methods of information, using information knowledge to provide support and help for their own English teaching. Information-based teaching knowledge is the process that English normal school students integrate information technology with English teaching practice after they accept the study and practice of information technology. In the process of their educational probation and teaching practice, English normal

students should make good use of the information technology knowledge they have accumulated in the early stage, set up relevant information platforms, and take the forms of teacher guidance and peer assistance, enrich their own knowledge of information-based teaching. For normal school students, it is necessary to make timely teaching summary and teaching reflection in the process of teaching probation and teaching practice. In the process of learning and mastering the information-based teaching knowledge, English normal students should do a good job of teaching summary and teaching reflection in time, and summarize the effective information-based teaching knowledge in teaching practice, reflect on the problems encountered, exchange with each other, learn from each other, consult teachers in time, in order to improve the overall grasp and use of information-based teaching knowledge.

2.3 Transfer of information-based teaching capacity

With the rapid development of modern society, if teachers want to keep up with the progress of the times, they must pay attention to individual learning, growth and development. Therefore, the training goal of English normal college students' information-based teaching ability is not only to enable English majors to master the operation of Information Technology in the future English teaching process, to be able to use all kinds of information-based teaching knowledge and methods, but also to help English normal school students learn the transfer of information-based teaching ability, so that English normal school students in the future can use information technology to continue to learn and improve, fully stimulate the potential of individuals to promote their professional development and progress. From the perspective of personal growth and professional development of English teachers, the effect of information-based teaching should be observed from the transfer ability of normal students. Some scholars believe that the cultivation and development of teachers' information-based teaching ability can be divided into four stages: the period of application, the period of imitation, the period of transfer and fusion, the period of knowledge creation. In fact, the application period of attention means that English majors should take the initiative to learn and master the operational skills of Information Technology. The learning imitation period means that the normal school students should learn more about how the first-line English teachers combine it knowledge and skills with English teaching through teaching practice. The period of transfer and integration and the period of knowledge creation focus on how to transfer their own information-based teaching ability effectively and carry out creative information-based teaching in the process of English teaching, further enhance their professional teaching skills. Therefore, in the process of training English majors' information-based teaching ability, teachers' colleges and universities should guide students to develop the habit of independent and continuous study, as well as the skills of efficient cooperation and exploration with others, in order to be able to transfer their teaching ability, effective use of information-based knowledge to achieve their professional development.

3 THE STRATEGIES OF CULTIVATING THE EDUCATIONAL INFORMATIZATION ABILITY OF ENGLISH MAJORS IN NORMAL SCHOOLS UNDER THE BACKGROUND OF INFORMATION TECHNOLOGY

Educational teaching ability is the core of the professional development of English majors. The first step of English majors' professional development is to know themselves, to improve their subjective consciousness, to reflect on their academic interests, educational background and experience, personality and goals, etc. . The second step is to formulate their own career development plan, including short-term, medium-term, and even long-term goals; the third step is to put into action, strive to complete the plan, to think, read, Act, actively carry out teaching practice activities and timely reflection, in the reflection to promote a virtuous circle.

3.1 There is a high degree of integration between English majors' professional development and their individual career development plans

The new teaching concept and the new concept of curriculum evaluation put forward new and higher requirements for secondary education workers, in order to promote professional development, realize the value of normal school students, enhance the overall happiness index, and improve the quality of teaching, in order to promote the sustainable development of schools and normal school students, and to realize the specialization of normal school students' profession, English major normal school students should make their own short-term and long-term development plans according to their own reality, teachers can also take the initiative to share their experiences and thoughts on the path of personal professional development in the course of personal growth, and clearly define the ways and means to implement it, combining professional development with personal career development planning, clearly expected to achieve the goal effect, as well as achieve the goal to take safeguards and self-testing measures.

3.2 The core competence and creative thinking ability of English majors develop simultaneously

The core competence of normal school students is a kind of professional competence, which is contained in the quality of normal school students' competence and plays a leading role in the system of normal school students' competence. Its basic connotation is to guide students' Autonomous Learning and development. It is mainly composed of five elements: normal school students' educational design ability, organizing ability, predicting ability, assisting ability and evaluating ability. Under the background of the new era, normal school students have different views on their core competence, such as: they should have the ability to mobilize all resources to serve education; Normal school students should have the ability to cultivate "three high" talents (high EQ, high IQ and high adversity quotient) ; Normal school students should have positive emotions to help students achieve success and happiness in life. Under the background of educational informationization, normal school students should take making efforts to create a benign teaching situation as the goal, find out the existing problems, analyze the reasons and select suitable teaching materials from the actual teaching cases, flexible and flexible according to students' interests and knowledge needs. At the same time, the teacher-training students' core competence and creative thinking ability are perfectly combined, and the importance of teaching innovation is fully realized, including the innovation of teaching ideas, teaching methods and teaching technology, etc. , trying to explore teaching methods in accordance with the characteristics of Chinese students.

3.3 Deep integration of it into education and teaching

With the development of the times and the progress of science and technology, human beings have entered an era in which information technology is widely used. Information technology is having a far-reaching impact on education, including the change of teaching tools, the change of learning tools, the change of examination evaluation tools, and the change of classroom form and course structure, information technology has changed the problems in traditional teaching, micro-class, MOOC, blended teaching, classroom reversal and other ubiquitous forms of learning has become a trend. Information technology can let the teacher wisdom to teach, students wisdom to learn, school wisdom to manage, and ultimately cultivate an intelligent person. With the development of information technology, teaching materials, curriculum and teaching methods are constantly changing. In the teaching material aspect, the teaching material in the Information Age takes the content, the task, the project or the discipline specialized knowledge as the system, manifests the individuality characteristic. In terms of curriculum setting, we should have a deep understanding of the new "online open curriculum" with Chinese characteristics. The curriculum should be based on the school and extended to the society. We should pay attention to the construction of curriculum groups, and seek inter-school and enterprise

cooperation, realize the combination of online and offline, free pay combination. In terms of teaching methods, normal school students should actively complete the task-based, cooperative, project-based and inquiry-based teaching methods, and explore mixed teaching and cooperative learning and other teaching models that reflect the trend of digital development.

4 CONCLUSION

As the most powerful force in English teaching and the main force in the overall promotion of the liberal education and the guide of the core qualities, the foreign language teacher students in colleges and universities need to conform to the general trend of the information age and improve their subjective consciousness, to make clear the characteristics of disciplines and professional attributes, to make clear the direction of their own development, to carry out the educational goal of establishing morality and fostering people, and to gradually grow up with the awareness of the times, while constantly improving the cultivation of teachers' morality, only by promoting the professional development of the English majors, can we meet the needs of the students and serve the development goals of the school, to meet the country's strategic requirements for the secondary education.

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