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Online Learning Experience of Chinese Graduate School Students in the Philippines

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Abstract: In this study, 10 Chinese graduate students enrolled in five Philippine universities in 2020 and 2021 were interviewed about their comprehensive online learning, to understand their motivation to participate in online learning, their preferred teaching content, their favorite teaching strategies and learning evaluation methods. The results of this study provide valuable help for teachers, teaching managers and teaching management departments to adjust and update the teaching content, teaching methods and management methods in time, and to formulate more scientific and reasonable teaching plans and training plans.

Keywords: Online Teaching; Teaching Motivation; Teaching Content; Teaching Strategy; Learning Assessment.

1. Introduction

Before the global pandemic, although online teaching is not a new teaching mode. But it only plays an auxiliary role in the mixed teaching mode of online, online and offline, and large-scale long-term "pure online" teaching from 2020 is still the first time. As teaching methods have changed so dramatically in a short period of time, both teachers and students have not adapted to them, and some even have anxiety and resistance. Teachers cannot grasp the real learning state of students, and the classroom management is difficult. Compared with Filipino students and Chinese students, Chinese students often miss classes and finish homework late due to differences in network stability, teaching equipment and teaching time.

Through interviews with 10 Chinese graduate students enrolled in five Philippine universities in 2020 and 2021 on their comprehensive online teaching, the researchers learned that there are many problems with their online learning. For example: students rely on mobile electronic devices for online learning, less communication between teachers and students, unable to mobilize students' learning initiative, poor learning effect. Many teachers do not choose the corresponding teaching content and appropriate teaching strategies according to the new online teaching mode, resulting in low interest of students. Although the teacher and the student are in the same "room", the teacher cannot pay attention to the real learning dynamics of each student, and cannot conduct a comprehensive assessment of the student's learning situation. Therefore, in the face of these new challenges of online teaching, the researchers interviewed them to understand their motivation to participate in online learning, their preferred teaching content, their favorite teaching strategies and learning evaluation methods. The analysis of these contents can provide valuable help for teachers, teaching managers and teaching management departments to adjust and update the teaching contents, teaching methods and management methods in time, and to formulate more scientific and reasonable teaching plans and training plans.

2. Analysis and Interpretation of Data

Summary of Findings: Five respondents mentioned learning resources. The biggest attraction of online learning is that many teaching resources can be shared. In other words, no matter who is studying where, we can share teacher resources anytime and anywhere, which is very important for online learning, teachers carefully planned and organized online learning teaching resources, can reduce the lack of face-to-face interpersonal communication between teachers and students brought about by the impact on teaching quality. Seven respondents mentioned thinking skills. Online learning actively carries out problem research, such analysis, induction, reasoning, need to imagine ways to solve problems, can effectively exercise thinking ability, and eventually gradually cultivate keen thinking ability. Five respondents mentioned career development. Active participation in online learning can improve their knowledge literacy, so that they can get more job opportunities and strengthen their competitive weights.

Table 1. Students' Motivation to Engage Actively in Online Learning

Themes	Significant Statements
1.Learning resources	"Online teaching has rich learning resources, including graphic, audio and video courses, which are convenient for students to learn and consolidate specific knowledge. Live teaching is more timely, and students can watch it repeatedly after class."（Student 4） "It is a demonstration of the diversity of today's learning channels and resources. Online learning provides access to a wide variety of learning resources to meet the needs of learning and life. "（Student 6） "By participating in the new learning mode of online classroom, I can expand my horizon of learning resources and enrich my online learning and interactive communication experience. The online classroom platform contains a large number of learning resources in various disciplines, which is conducive to cultivating my good sense of independent learning and stimulating my enthusiasm and motivation for online learning. "（Student 7） " Online learning provides students with a large number, a wide range and high quality Learning resources. Online learning under multimedia environment combines text, pictures, audio, video and other forms together, so that students can obtain information resources more intuitively and vividly, which can make learning more efficient. Online learning breaks the limitation of space and provides a broad

	cognitive vision for students' study. "(Student 8) "Online learning relies on the Internet to link global learning resources, build a global information exchange platform, students can enjoy quality teaching online."(Student 9)
2.Thinking ability	"I participate in online learning in order to exercise my thinking ability. I need to make continuous decisions in my daily life and work, and my active participation in online learning is a process to continuously improve my thinking ability. Online learning requires me to read all kinds of materials, which can train my thinking ability. "(Student 1) "I participate in online learning, not only because it is flexible and convenient to break through the limitations of time and space, but also because it provides us with a wealth of high-quality learning resources and a variety of learning methods, which can broaden my vision and improve my thinking ability. "(Student 3) "My participation in online learning can also continuously improve my thinking ability, increase my knowledge, enhance my professional skills and professional level, and lay a solid foundation for my future."(Student 4) "Participating in online learning can continuously improve my own quality, accumulate more cultural knowledge, change my way of thinking and enhance my thinking ability, which is very important for the improvement of employment competitiveness. "(Student 5) "The purpose of my active participation in online learning is to improve my creative thinking ability. Online learning can satisfy my thirst for knowledge, provide knowledge reserve and humanistic quality for my innovative thinking, help my innovative thinking get personalized development, and mobilize my enthusiasm for innovation."(Student 7) "Some new knowledge is more in-depth excavation on the basis of old knowledge, which makes my knowledge more in-depth, also makes my thinking more profound, and promotes my thinking more profound, thus improving my thinking ability and problem solving ability. "(Student 8) "In participating in online learning, I feel that I can effectively exercise my thinking ability, work processing ability, and improve the job skills required for work. "(Student 10)
3.Career development	"Their own academic qualifications This can be continued to some extent through online learning. Knowledge training receiving and information ability. It can Improve your career development ability and have certain help for employment after graduation."(Student 5) "I participate in online learning, is the need to study, is the need to improve career development. Nowadays, many learning software comes into our lives, and we can participate in the online courses provided by them to study and help ourselves successfully pass various exams. When I am faced with some complex work, I will use online courses to learn and apply to work at any time to help deal with some complex work situations. "(Student 6) "I participate in online learning in order to improve my education and career development ability to get better job opportunities. We live in this society, a good job opportunity is rare, want to get more job opportunities, a high degree is indispensable. "(Student 7) "The rich knowledge reserve through online learning has made me more handy at work, able to deal with problems that I could not solve before, made me more confident, and improved my professional career development ability. In a word, online learning has made me make great progress and made me more and more confident. "(Student 8) "The improvement of learning ability means that my knowledge and skills have been improved, which also improves my career development. "(Student 9)

Summary of Findings: Five respondents mentioned teaching resources. Online learning can provide a variety of teaching resources, such as text, images, audio and video, so that abstract and static text knowledge becomes concrete, stimulate students' multiple senses, and mobilize students' enthusiasm for learning. Rich teaching resources also open up the limited time and space of classroom teaching, increase the actual capacity of classroom teaching, and help to expand students' vision and enrich students' knowledge. Five respondents mentioned teaching philosophy. The new teaching concept based on students' interest, will, knowledge, emotion, ability and creativity are constantly applied in online teaching. The new teaching concept stimulates the students' drive and makes them change from coping learning to interested learning. Five respondents mentioned teaching cases. Online learning enables many teachers to break the limitation of time and space to participate in teaching and research activities and share teaching cases. These cases are typical, persuasive and contagious. Teachers share these cases based on teaching practice to students through the Internet, which can improve their observation ability, analysis ability and scientific research ability.

Table 2. Learning Content Modification to Adopt to the Needs of the Students in Online Learning

Themes	Significant Statements
1.Teaching resources	"During online learning, teachers will provide a large number of teaching resources and assign students to complete teaching tasks in groups, which greatly exercises the students' communication and collaboration ability."(Student 1) "First of all, provide a variety of teaching resources, such as text, images, audio and video. To be a good teacher in the information age, you must have broad cultural knowledge and a broad vision in order to discover new problems and solve new problems. "(Student 2) "In addition, as a future teacher, the content about the syllabus and new curriculum standards, the content of educational teaching study and the cultivation of educational teaching skills, the method of promoting students' enthusiasm and initiative, the content of sharing and communication of teaching methods and teaching resources, and the cultivation of students' writing ability and innovative thinking ability are also more suitable for my online learning."(Student 4) "The learning content can also be adjusted according to the different needs of students. For example, students majoring in normal schools need to learn some content to provide more teaching resources. such as class management ability, language communication ability, professional knowledge accomplishment and so on. These related learning contents are what they need to learn and their needs."(Student 5) "Accurate handling of knowledge points. Effective use of teaching resources, actively refer to the curriculum standards and combine multiple teaching aids to summarize knowledge points. When summarizing teaching aids, one should not be too one-sided or too simple, and do one's best to achieve comprehensive teaching objectives."(Student 10)
2.Teaching ideas	"Use the latest teaching ideas, sign teaching according to the needs of students. In teaching design, students should be fully studied, studying their interest needs, knowledge needs, thinking content, cognitive misunderstandings, problem solving needs, finding and satisfying rational needs and other aspects. "(Student 1)

	"And practice various teaching methods and master how to design effective teaching content and activities. In addition, online learning can provide me with the relevant content of learning educational psychology, improve my understanding of students and improve my educational guidance ability."（Student 3） "First, Educational teaching theory and method. Because this part mainly involves the knowledge of educational psychology, pedagogy, subject teaching theories and teaching methods, etc. I can better grasp the basic theories and methods of teaching. "（Student 4） "My career plan for the future is to be a teacher, so I hope to have classroom implementation ability, professional knowledge quality, teaching idea and other contents of online learning courses. "（Student 7） "Secondly, classroom implementation ability is very important in the teaching profession. As a teacher use new teaching ideas to think how to attract students, how to inspire students, how to ask students, how to manage students, how to introduce, how to explore, how to consolidate and how to end are very basic and commonly used classroom teaching skills."（Student 9）
3.Teaching case	"Rich teaching cases: Students are very interested in teaching cases, especially in the Philippines."（Student 2） "Various teaching cases and rich teaching videos help me learn teaching concepts. And practice various teaching methods and master how to design effective teaching content and activities."（Student 3） "Secondly, we should actively explore practical teaching, enrich students' practical experience, pay attention to case teaching, and actively explore a variety of teaching methods such as topic, experience, and project. Give students the "opportunity" to find problems, solve problems, construct knowledge and apply knowledge. "（Student 5） "Second, we should pay attention to case teaching, so that they can construct and use knowledge in cases; Third, we should actively explore a variety of teaching methods such as issue, experience and project, so that students can find and solve problems in real situations."（Student 7） "The use of pictures, audio and video teaching cases can make knowledge more intuitive and help stimulate students' interests. Making knowledge points more intuitive can increase students' confidence."（Student 10）

Table 3. Online Teaching Strategies and Activities that Contribute to the Attainment of the Learning Objectives of the Courses

Themes	Significant Statements
1.Use of discussion-based teaching	"Fifth, rich interactivity and collaboration. In learning, students can conveniently communicate and cooperate with each other. When discussing problems, they can pool their minds and have more and better solutions. Mutual help and cooperation among students will greatly broaden their horizons and broaden their knowledge structure."（Student 1） "Actively participate in discussions."（Student 3） "Online discussion is a commonly used online learning activity. Online teaching strategies and activities can provide students with more choices in the learning process, breaking the traditional situation of teachers speaking at the podium and students listening below passively receiving knowledge. "（Student 4） " The second is discussion-based learning. Students' learning process can be divided into several steps: raising questions, discussing questions, and summarizing questions. However, the traditional view of learning denies this attribute and regards students' learning as a special cognitive process. "（Student 5）
2.Use of cooperative learning	"One is cooperative learning. The consciousness and ability of cooperation are the basic qualities that modern people should possess. On the reflection of the traditional way of learning, students have few opportunities to cooperate and help each other in learning, and the consciousness and motivation of cooperation are very weak. In general, it shows a kind of "individualism" of learning. This way of learning makes students lack the desire and impulse to cooperate, and are unwilling to share the learning results with others."（Student 1） " At the same time, group learning is the main learning method of the blended classroom, which can cultivate students' literacy of autonomy, cooperation, competition and creativity. The problem layering method can be adopted, and different types of questions can be designed in the pre-class quiz, in-class seminar, I want to ask questions, etc., and applied to different links of blended learning, and good teaching results have been achieved. "（Student 2） "Participate in group of cooperative learning. Online teaching can enhance the interaction between students and teachers and between students through a variety of interactive tools and platforms, helping to expand students' thinking and understanding in the process."（Student 3） " Group cooperation can be carried out after class, in which two or more people work together to complete group homework. In this process, solidarity can be strengthened and each other can supervise the completion of homework. "（Student 6）
3.Use of interactive teaching	" Third, enhance interaction: Online education can provide learners with a more flexible and interactive learning experience, through online forums, video conferencing and other ways to achieve interaction and communication between learners, improve the learning effect."（Student 4） "When we use the interactive strategy, adopt the way of group discussion and communication, in the process .of discussion, the teacher also participates in and gives guidance to the students, so that the students will have a deeper impression on the issue and a deeper understanding the adoption of such interactive strategies is conducive to the achievement of the course learning objectives and also improves the participation of students in online learning, such strategies can achieve the course learning objectives."（Student 5） " In the course of teaching, the interaction between teachers and students should be strengthened as much as possible, and the participation and concentration of students can be improved by means of in-class communication, online question-and-answer, comment and answer, etc. "（Student 6） "During the teaching process, the interaction between teachers and students should be strengthened as much as possible, and the participation and concentration of students should be continuously improved by means of in-class communication, online question-and-answer, comment and answer, etc., and students should be guided to complete the learning tasks independently. "（Student 7） "First of all, in terms of interactive strategies, teachers can allow students to fully exchange their views through group discussion, and each group can also designate group leaders to organize discussions and share more in-depth views. Teachers can either sit in on one of the groups, or participate in discussions or give guidance to each group. Group discussion can give students sufficient space to speak, and they can quickly and effectively complete important questions raised by teachers, which is very helpful to achieving the learning objectives of the course."（Student 9）

Summary of Findings: Four respondents mentioned discussion-based teaching. Discussion teaching is often used in online teaching, which is based on "guidance". Teachers set up attractive situations close to students' lives and raise valuable questions. Students are required to solve problems through consulting information, research and discussion, and

guide students to express their own views, and students become the master of learning behavior. Four respondents mentioned cooperative learning. It is easier to adopt cooperative teaching in online teaching, which is not limited by time and space. Students are divided into several groups to engage in learning activities in a cooperative and mutual assistance way and jointly complete the group learning objectives. This type of reward based on group achievement creates positive interpersonal relationships by enabling group members to give positive social reinforcement, such as praise and encouragement, to their peers for their efforts. This is not the case in the traditional competitive goal structure of the classroom. Five respondents mentioned interactive teaching. Interactive teaching requires the equal exchange of ideas between teachers and students, and between students, so that teaching and learning can show the dynamic process of effective learning. Online teaching can set up various types of interaction, such as course interaction, course content interaction, knowledge application interaction, teaching means interaction, so as to maximize the potential of students.

Table 4. Relevance of Learning Assessments Implemented During Online Engagements

Temes	Significant Statements
1.Self-assessment	"Self-evaluation and evaluation of others. In the past teaching, we paid more attention to other evaluation and ignored self-evaluation. Now it is necessary to gradually cultivate students' consciousness of autonomy, cooperation and inquiry, which requires gradually cultivating students' consciousness and ability of self-evaluation. "（Student 1） " cognitive/skill/emotional/interest. Teachers can ask students to conduct self-assessment from the above aspects, and then make a comprehensive evaluation of students based on the factors."（Student 2） "Through the network questionnaire, students can self-evaluate their current learning status. The students' grasp of the basic knowledge of the course is tested by objective test questions."（Student 7） " A questionnaire survey. By sending out questionnaires, students can make a self-assessment of their learning attitude, learning experience and learning effect. Let the students learn to know themselves correctly."（Student 8） "The second is to conduct regular self-assessment in the course. By allowing students to self-assess, they can realize their learning effect, and help them to better adjust their learning methods in the following learning, so as to improve the learning effect."（Student 9）
2.Comprehensive evaluation	" Single evaluation and comprehensive evaluation. Single evaluation is a single evaluation of a certain aspect, such as unit testing of some knowledge, semester exams, etc. Individual evaluation has the characteristics of flexibility, randomness and timeliness. Comprehensive evaluation is a comprehensive evaluation of the evaluation object, which starts from the whole and uses a number of indicators to make comprehensive evaluation. Therefore, individual evaluation and comprehensive evaluation should be combined in teaching evaluation."（Student 1） " Based on the above assessment results, an accurate comprehensive assessment can be made for students. "（Student 5） "Online homework submission, audio and video homework display, online classroom sharing display, unit online testing and other comprehensive assessment."（Student 6） "The communication and cooperation status of students in virtual community activities are quantitatively evaluated by community points. The comprehensive evaluation is carried out by counting the number of students' posts on the forum, the number of replies, the number of online discussions, the number of exciting forums selected, and the number of uploading of their learning plans and research records."（Student 7）
3.Learning activity participation	" Favorite learning assessments are: Learning activity participation, classroom presentations, online tests, etc. enhance students' learning confidence, stimulate students' learning interest, and cultivate students' learning ability of autonomy, cooperation and inquiry"（Student 1） "The difference between passive learning and active learning can be distinguished by students' participation in learning activities. Online learning puts forward higher requirements for students' autonomy due to the separation of teachers and students in time and space. Therefore, online learning should focus on students' learning motivation and ability to continuously manage self-directed learning."（Student 2） "Second, learning assessment can help teachers understand students' learning progress and problems through data such as learning records and participation in learning activities on online teaching platforms, and provide personalized guidance and support in time."（Student 3） "Third, learning activity participation: Teachers can ask students to participate in online discussions to assess students' understanding and thinking ability of the course content. "（Student 4） "In the course of class, students can be evaluated according to their participation in learning activities, such as can express their ideas or answers in the chat area. The teacher can judge the students' mastery by reading the content posted by the students in the chat area. "（Student 5）

Summary of Findings: Five respondents mentioned self-assessment. In online learning, students can self-evaluate the

learning effect through online roll call, online answer questions, online discussion and other ways. This evaluation method can make students see their learning status more clearly, and can make targeted improvements to achieve the purpose of self-improvement and self-education. Four respondents mentioned comprehensive assessments. Teachers' evaluation of students should be comprehensive and comprehensive. In face-to-face teaching, teachers generally evaluate students' learning effect through examinations. Online teaching provides a good platform for comprehensive assessment. For example, set pre-class questions in the learning software, set login signatures in class, open the camera mode in class, set exercises to be completed in class, etc. Students can be effectively monitored during all teaching processes, thus giving a true comprehensive assessment. Five respondents mentioned process assessment. Process assessment is a dynamic evaluation of students' performance in the daily learning process, and evaluation is made for each point. For example, the whole process of observation and record before, during and after class. Such evaluation can be effectively used in online teaching, so as to stimulate students to learn, help students effectively control their learning process, so that students can gain a sense of achievement and enhance self-confidence. Five respondents mentioned participation in learning activities. Online teaching can effectively monitor the learning activities that are difficult to grasp accurately in traditional teaching, such as the pre-class preview, the performance in class, the number of questions and answers, the enthusiasm to participate in discussions, and the frequency of classroom interaction. Students are evaluated based on their participation in these learning activities. These methods can effectively improve students' participation in learning.

3. Recommendations

3.1. Cultivate Students' Self-learning Habit

Guided by tasks and problems, teachers guide students to actively participate in independent learning. Teachers can also use some tools and techniques to create online teaching space and increase the sense of ceremony in online classes. For example, when the teacher explains: the knowledge points of each video should be clear and gradual, the knowledge points should not be too many, and the best time for each video is about 10-15 minutes. Teachers play the role of "curriculum teaching + Q&A counseling".

3.2. Careful Selection of Teaching Resources

Develop a detailed study guide, which is a special "textbook" for online teaching. Learning guide integrates learning content, learning activities, learning methods and learning suggestions, which is also an organic integration of teachers' teaching and learning content. It allows the visual presentation of learning content, ensuring that students can effectively learn based on the materials designed and developed at that stage in a separate learning space from the teacher.

3.3. Establish Learning Support Services for the Learning Process

Learning support services are all kinds of help and support provided to students by online teachers to respond to and solve the personalized learning needs and problems of students in learning and ensure the orderly development of learning according to the teaching plan in the context of the separation of teaching time and space. Teachers carry out relevant learning activities according to the teaching plan, find out learning problems in time, respond to learning needs, and ensure the smooth and orderly development of learning through various types of support such as guidance, promotion and assistance.

3.4. Establish a Clear Evaluation Method and Incentive Mechanism

From "teaching first" to paying attention to students' "learning effectiveness". For example, teachers can set exercises to promote preview before class and set exercises after class to check the learning effect. In short, the data of students' learning process and results are collected through online platforms and other ways to conduct learning assessment. According to students' learning assessment, teachers use the network to carry out full two-way communication with students to ensure the learning effect of different students

To sum up, the purpose and importance of online teaching research cannot be ignored, and it is necessary to understand the real situation of online teaching through international students. The interview results can be used to improve the quality and efficiency of online teaching, so that we can better realize education and knowledge sharing, improve the level of education and teaching, and adapt to the development trend of future science and technology.

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