Construction and effect of interactive teaching mode of Ideological and political course in Colleges and Universities under the field of rain classroom

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Abstract: the basic way of Ideological and political theory course in Colleges and universities is classroom teaching. As a smart teaching tool, rain classroom has gradually become a new field of classroom teaching because it meets the needs of effective interaction between teachers and students. This paper explores the necessity and organizational construction of interactive teaching of Ideological and political course in Colleges and Universities under the field of rain classroom, explores the implementation effect, and puts forward countermeasures, so as to promote the reconstruction of interactive teaching mode between teachers and students under the new situation and field.

Key words: rain classroom; Ideological and political courses in Colleges and universities; Interactive teaching

No matter how to reform the teaching methods of Ideological and political course in Colleges and universities, the realization of the ultimate goal of Building Morality and cultivating people is inseparable from the interaction between teachers and students. With the development of the times, the fields, means and application methods of interactive teaching will change. It is of great practical significance to explore the reconstruction of teacher-student interactive teaching mode under the new situation.

1 The necessity of interactive teaching of Ideological and political course in Colleges and Universities under the field of rain classroom

Interactive teaching is a democratic, free, equal and open teaching mode to improve the teaching effect by creating a multilateral interactive teaching environment, achieving the collision and blending of different views, stimulating the initiative and exploration of both sides of teaching. It is necessary to explore the interactive teaching of Ideological and political course in Colleges and universities in the field of rain classroom, a new teaching technology.

1.It is the internal need of moral education and effectiveness of Ideological and political course teaching in Colleges and universities. Teaching is essentially a special interpersonal interaction between teachers and students based on teaching content. If the ideological and political course teaching in Colleges and universities lacks interactive consciousness, the communication between teachers and students in the aspects of thought, language, emotion and so on is not smooth or even no communication, which will affect the effectiveness of Ideological and political course teaching and the completion of moral education and teaching tasks.

2.It is the inevitable requirement to solve the lack of subject under the "indoctrination" teaching mode of Ideological and political course in Colleges and universities. Whether the dominant position of students is paid attention to is the core element to solve the effectiveness of Ideological and political course in Colleges and universities. College students are familiar with and unfamiliar with the ideological and political course. They seem to have a stereotype that the ideological and political course is to speak big truth and think they understand everything. Moreover, they have the psychological characteristics of liking dynamic, participating and pursuing achievements, and like to pursue their inner sense of achievement in the context of dynamic and participating. At the beginning of the course, the author made a survey of teaching suggestions to some students of grade 2021. Students' demands in the teaching of Ideological and political course are as follows: first, they hope to actively participate in the interaction; The second is to update the teaching content and increase interest; The third is to contact more international and domestic current affairs, reflecting the typical characteristics of College Students' concern about national affairs and patriotism.

3.It is the inevitable requirement to comply with and meet the new opportunities and challenges brought by the "Internet + education" network era. The post-2000 college students have the characteristics of the times and network dependence of "digital aborigines". In accordance with the characteristics of the times of college students, through a number of interactive tools in the rain classroom, such as random roll call, submission, and the formation of word cloud, voting, objective question detection, subjective question discussion experience, etc., we can fully expand the space and time of teaching interaction, realize the whole process of pre class, in class and after class interaction, and reconstruct the traditional teaching mode.

4.It is the inevitable requirement to solve the problem of "simplification" of traditional teaching assessment form. Rain classroom has powerful data analysis ability, real-time dynamic learning data collection and real-time analysis function, and runs through the whole process of pre class, in class and after class, realizing data-driven classroom teaching interaction, so that teachers can more objectively assess the teaching effect.

2 Construction of interactive teaching mode of Ideological and political course in Colleges and Universities under the field of rain classroom

1.Prepare lessons carefully. First, prepare teaching materials and carefully design interactive problems based on teaching content; Second, prepare students, understand their knowledge base, ideological characteristics, psychological characteristics and learning characteristics, and take different measures to guide students to speak and think; Third, prepare teaching method, according to the different characteristics of teaching content and teaching objects, timely select question discussion interaction, inductive question interaction, selected case interaction, etc.; Fourth, prepare yourself, always maintain a serious, rigorous and responsible positive teaching attitude, and try to diversify teaching styles; Fifth, preparation, mainly including pre class preview announcement; Knowledge review in class, introduction of new courses, teaching of new knowledge, classroom summary, knowledge consolidation, after-school thinking questions, etc; After class QQ Group Knowledge Q & A, online question thinking and answering, etc.

2. carefully organize teaching in the rain classroom. First, students' online preview and teachers' interactive monitoring before class. The real-time data of the background is included in the assessment of students' usual performance; Second, teachers' offline teaching and students' interactive learning in class. It mainly includes: students scan the code to enter and generate classroom attendance data; The teacher's ppt will be synchronously pushed to the student's mobile terminal, so that students can learn and mark "don't understand", and the teacher can adjust it in real time; Interact with students by opening the bullet screen function; Classroom contributions can be displayed on the screen and analyzed by forming word clouds; Mobilize students' attention and tension through random roll call; Issue test papers or tests in rain class and give immediate feedback; Red envelope rewards can be given to students with positive interaction; Third, after class, students should consolidate and improve, and teachers should conduct interactive assessment.

3.Investigation and analysis of interactive teaching effect of Ideological and political course in Colleges and Universities under the field of rain classroom

After a semester of organizing interactive teaching in the rain classroom, the author conducted an on-site investigation on the teaching effect as follows:

Table 1: satisfaction survey of interactive teaching mode

grade	major	Extremely satisfied	satisfaction	commonly	Dissatisfied
Grade 2021	clinical medicine	67 (66.34%)	33 (32.67%)	0 (0.00%)	1 (0.99%)
Grade 2021	Traditional Chinese Medicine	75 (84.27%)	10 (11.24%)	3 (3.37%)	1 (1.12%)
Grade 2021	Anesthesiology	58 (68.24%)	23 (27.06%)	2 (2.35%)	2 (2.35%)
Grade 2021	Medical imaging	78 (69.64%)	28 (25.00%)	6 (5.36%)	0 (0.00%)
Grade 2021	Nursing science	81 (79.41%)	21 (20.59%)	0 (0.00%)	0 (0.00%)
Grade 2021	Stomatology	70 (79.55%)	14 (15.91%)	3 (3.41%)	1 (1.14%)
Grade 2021	Rehabilitation medicine	69 (84.15%)	11 (13.41%)	2 (2.44%)	0 (0.00%)

Table 2: survey on favorite teaching modes (single choice)

grade	major	Teachers speak and students listen	Students' comments on Teachers' comments	Teacher student interaction	Focus on the textbook
Grade 2021	clinical medicine	22 (21.78%)	14 (13.86%)	50 (49.50%)	15 (14.85%)
Grade 2021	Traditional Chinese Medicine	33 (37.08%)	3 (3.37%)	43 (48.31%)	10 (11.24%)
Grade 2021	Anesthesiology	26 (30.59%)	4 (4.71%)	35 (41.18%)	20 (23.53%)
Grade 2021	Medical imaging	45 (40.18%)	9 (8.04%)	39 (34.82%)	19 (16.96%)
Grade 2021	Nursing science	48 (47.06%)	0 (0.00%)	48 (47.06%)	6 (5.88%)
Grade 2021	Stomatology	28 (31.82%)	11 (12.50%)	31 (35.23%)	18 (20.45%)
Grade 2021	Rehabilitation medicine	31 (37.80%)	2 (2.44%)	40 (48.78%)	9 (10.98%)

Table 3: survey on the handling of interactive teaching content (single choice)

grade	major	According to the textbook	Expand knowledge appropriately on the basis of explaining the content of the textbook	Pay attention to the combination of social reality and social hot issues	Direct scribing
Grade 2021	clinical medicine	3 (2.97%)	16 (15.84%)	74 (73.27%)	8 (7.92%)
Grade 2021	Traditional Chinese Medicine	0 (0.00%)	20 (22.47%)	61 (68.54%)	8 (8.99%)
Grade 2021	Anesthesiology	0 (0.00%)	26 (30.59%)	54 (63.53%)	5 (5.88%)
Grade 2021	Medical imaging	1 (0.89%)	23 (20.54%)	78 (69.64%)	10 (8.93%)
Grade 2021	Nursing science	0 (0.00%)	16 (15.69%)	77 (75.49%)	9 (8.82%)
Grade 2021	Stomatology	1 (1.14%)	20 (22.73%)	59 (67.05%)	8 (9.09%)
Grade 2021	Rehabilitation medicine	0 (0.00%)	23 (28.05%)	53 (64.63%)	6 (7.32%)

Table 4: do you prefer to lecture on stage or off stage

grade	major	off the stage	on the stage	All right	Combined
Grade 2021	clinical medicine	49 (48.51%)	32 (31.68%)	13 (12.87%)	7 (6.93%)
Grade 2021	Traditional Chinese Medicine	50 (56.18%)	37 (41.57%)	1 (1.12%)	1 (1.12%)
Grade 2021	Anesthesiology	40 (47.06%)	36 (42.35%)	7 (8.24%)	2 (2.35%)
Grade 2021	Medical imaging	62 (55.36%)	30 (26.79%)	19 (16.96%)	1 (0.89%)
Grade 2021	Nursing science	62 (60.78%)	36 (35.29%)	4 (3.92%)	0 (0.00%)
Grade 2021	Stomatology	48 (54.55%)	35 (39.77%)	5 (5.68%)	0 (0.00%)
Grade 2021	Rehabilitation medicine	38 (46.34%)	34 (41.46%)	7 (8.54%)	3 (3.66%)

Table 5: Students' preferred interaction methods (434 suggestions in total, sorted)

Open questions	Random roll call	Teacher student discussion	Games	Barrage	Voting and contribution	speech
76 (17.51%)	137 (31.57%)	51 (11.75%)	22 (5.07%)	44 (10.14%)	15 (3.46%)	9 (2.07%)
Sitcom	Flipped Classroom	Debate match	case analysis	Exercises	Appropriate rewards	Play the role of a group
19 (4.38%)	7 (1.61%)	3 (0.69%)	11 (2.53%)	11 (2.53%)	14 (3.23%)	15 (3.46%)

According to the above survey, first, the effect of implementing the interactive teaching mode of Ideological and political course in Colleges and Universities under the field of rain classroom is relatively good. Students' satisfaction is high, and the proportion of choosing "very satisfied" and "satisfied" is as high as 90%. Second, from the perspective of preferred teaching mode, freshmen tend to "teacher student interaction" and "teacher speaking student listening", which shows that freshmen, on the one hand, like teacher-student interaction, on the other hand, they still can not get rid of the inertia dependence on the previous teaching mode of "teacher speaking student listening". Third, in terms of the treatment of interactive teaching content, most students like teachers to pay attention to the combination of social reality and social hot issues in teaching. Some students advocate appropriate knowledge expansion on the basis of explaining the content of teaching materials, and even a few students advocate drawing knowledge points directly on textbooks. But students don't like teachers to follow the book. Therefore, teachers' teaching content should not only come from textbooks, but also expand beyond textbooks, so that the teaching content is informative, interesting and effective. Fourth, from the perspective of teachers' positions that students like, most students like teachers to go among them. On the one hand, they can get close to students, on the other hand, it is convenient to interact with students, and can also be properly supervised. Fifthly, the interactive methods that students like in turn are: random roll call, open questions, teacher-student discussion, bullet screen, games, sitcoms, voting, contribution, playing the role of a group, and so on.

In short, in the rain classroom field, through a number of interactive tools and teaching links, the effectively integrated teaching content will be carried out one by one, so that the ideological and political course in Colleges and universities can enter the eyes, brain and heart, so

as to realize the education and teaching task of cultivating morality and talents.

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