

## ATTACHMENT

### 6. Questionnaire content: Student Evaluation Form

#### essential information:

1. Does your class use digital teaching?

A uses

B does not use

2. How much time do you spend on this course approximately per week?

A is less than 3 hours

B 3-5 hours

C 5-10 hours

D exceeds 10 hours

#### Course content evaluation:

3. Do you think the content of this course conforms to the course outline?

A fully complies

B basically meets the requirements

C meets the requirements

D does not comply

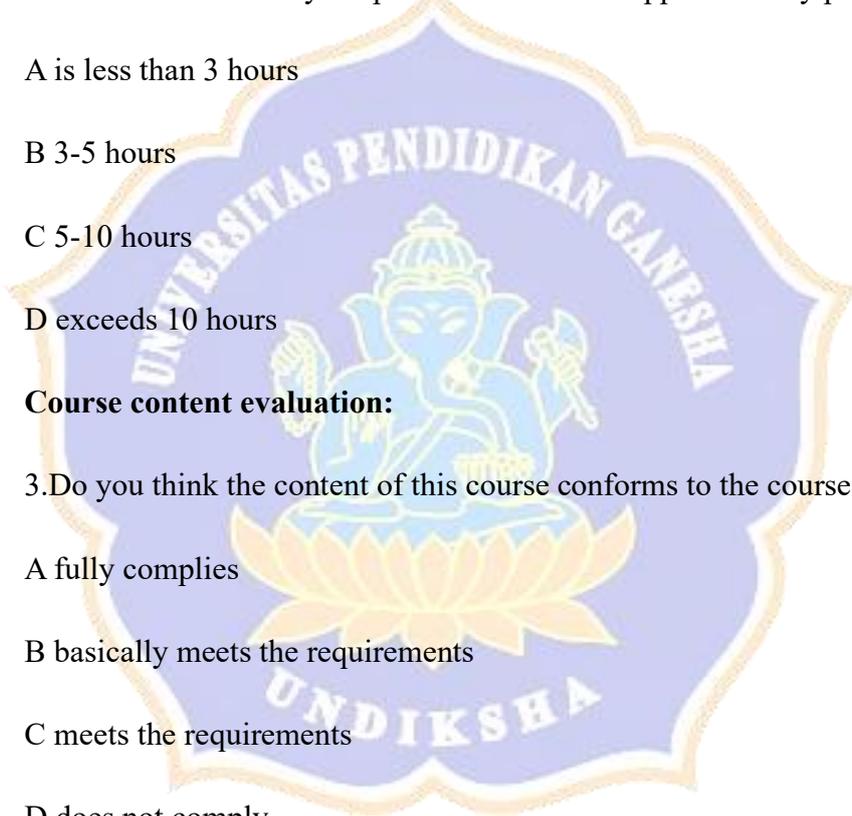
4. How do you feel about the difficulty of the course content?

A is very simple

B is relatively simple

C Moderate

D is relatively difficult



E is very difficult

5. Do you think the course content will contribute to your professional development?

A is very helpful

B is helpful

C Generally

D is not helpful

E is completely unhelpful

**Teaching Method Evaluation:**

6. How much do you accept the teaching mode?

A is very accepting

B accepts

C Generally

D doesn't quite accept it

E completely cannot accept it

7. In what aspects do you think the current teaching mode can be improved?

[Open ended question]

8. Do you think the use of teaching tools in the classroom is convenient now?

A is very convenient

B is more convenient

C Generally

D is not very convenient

E is very inconvenient

9. Do you think the current classroom teaching mode has improved your learning attitude and ability?

A has

B didn't

**Teacher performance evaluation:**

10. How well do teachers grasp the course content?

A is very proficient

B proficient

C Generally

D is not very proficient

E is completely unskilled

11. Does the teaching style of the teacher attract you?

A is very attractive

B attracts

C Generally

D is not very attractive

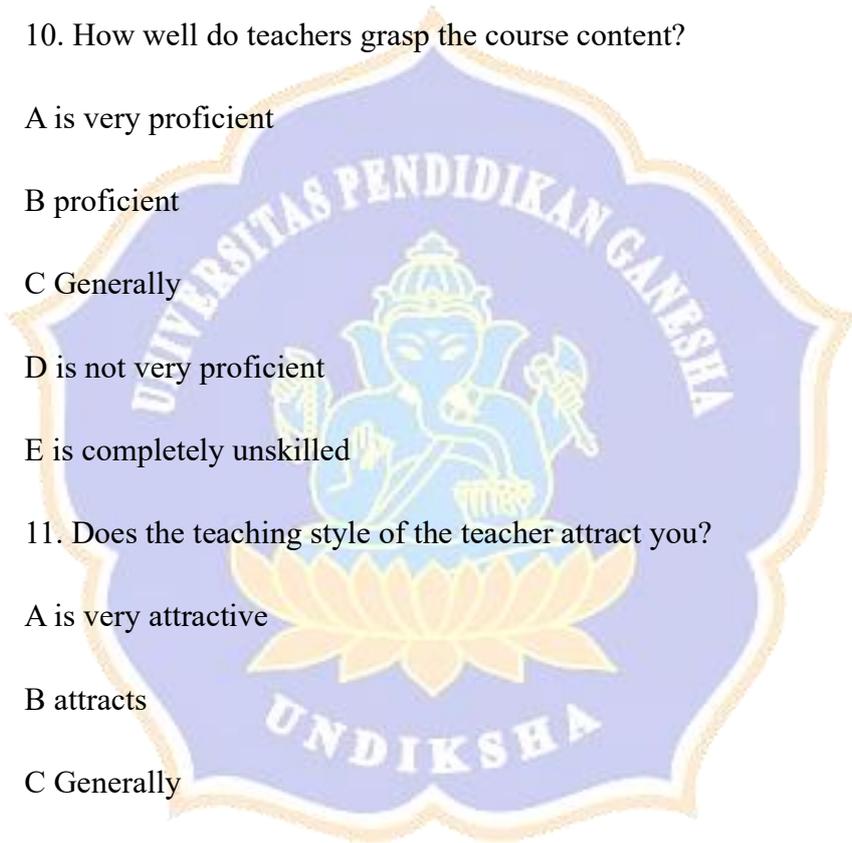
E is completely unattractive

12. Is the interaction and feedback of teachers in the course timely?

A is very timely

B timely

C Generally



D is not timely

E is completely untimely

**Course resource evaluation:**

13.How satisfied are you with the resources provided by the course?

A is very satisfied

B is satisfied

C Generally

D is dissatisfied

E is very dissatisfied

14.Do you think the course resources are abundant enough?

A is very rich

B Rich

C Generally

D is not rich

E is not very rich

**Course interactive evaluation:**

15.How active were you in the course?

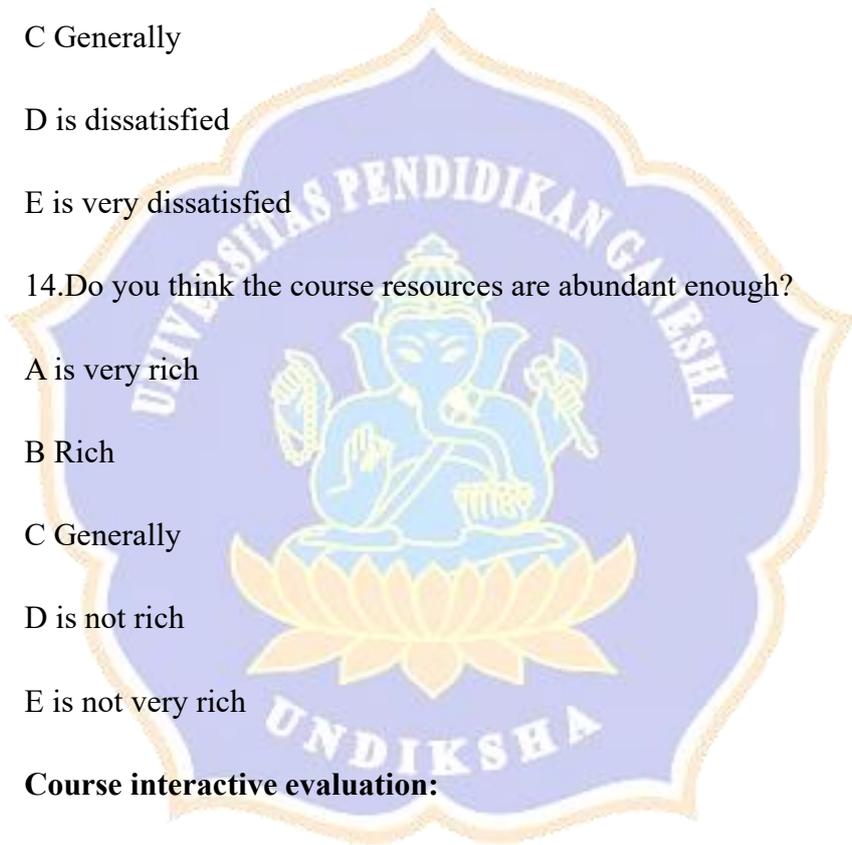
A is very high

B high

C Generally

D low

E is very low



16. Do you think the interactive elements in the course are helpful for learning?

A is very helpful

B is helpful

C Generally

D is not helpful

E is completely unhelpful

17. Please give the course a score (out of 100)

**2. Questionnaire content: Teacher evaluation during class**

**essential information:**

1. Expert name:

2. Professional title/position:

3. School/Institution:

4. Professional field:

**Course content evaluation:**

5. Is the course content consistent with the teaching syllabus?

A is completely consistent

B is basically consistent

C is consistent

D is inconsistent

6. Is the course content innovative and cutting-edge?

A strongly agrees

B agrees

C Generally

D disagrees

E completely disagrees

7. Is the depth and breadth of the course content appropriate?

A is very suitable

B is suitable

C Generally

D is not suitable

E is completely unsuitable

**Teaching Method Evaluation:**

8. Are teachers effectively using digital teaching tools and methods?

A is very effective

B is effective

C Generally

D is invalid

E is completely invalid

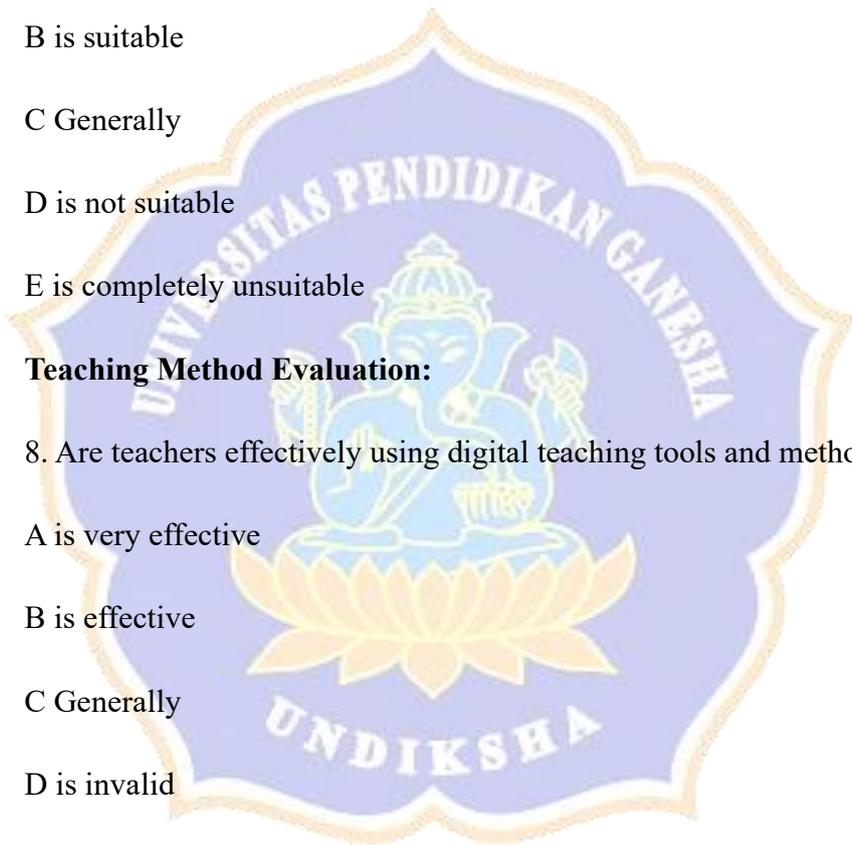
9. Does the teaching method promote students' learning ability and attitude?

A is very promoting

B promotion

C Generally

D does not promote



E does not promote at all

10. Are teaching methods suitable for students with different learning styles?

A is very suitable

B is suitable

C Generally

D is not suitable

E is completely unsuitable

**Teaching resource evaluation:**

11. Are the online resources provided by the course rich and updated?

A is very rich and updated

B is rich and updated

C Generally

D is not rich and outdated

E is very limited and outdated

12. Do teaching resources help students gain a deeper understanding of course content?

A is very helpful

B is helpful

C Generally

D is not helpful

E is completely unhelpful

**Student interactive evaluation:**

13. Does the course encourage interaction among students?

A is very encouraged

B encourages

C Generally

D does not encourage

E completely does not encourage

14. Is the teacher's feedback on student interaction timely and effective?

A is very timely and effective

B is timely and effective

C Generally

D is invalid if not timely

E is completely ineffective if it is not timely

**Course objectives and outcome evaluation:**

15. Are the course objectives clear and aligned with the teaching content?

A is very clear and matches

B is clear and matching

C Generally

D is unclear or mismatched

E is very unclear or mismatched

16. Did the students achieve the expected learning outcomes after the course ended?

A fully achieved

B has reached

C Generally

D not reached

E has not been reached at all

**Other opinions and suggestions:**

17. [Open ended questions, experts can provide additional evaluations and suggestions for the course]

18. Please give the course a score (out of 100)

**3.Student Listening Evaluation Form**

1.Does your class use digital teaching? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
uses	99	49.25%
does not use	102	50.75%
and number of valid respondents for this question	201	

2.How much time do you spend on this course approximately per week? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is less than 3 hours	43	21.39%
3-5 hours	79	39.3%
5-10 hours	52	25.87%
exceeds 10 hours	27	13.43%
and number of valid respondents for this question	201	

3. Do you think the content of this course conforms to the course outline? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
fully complies	90	44.78%
basically meets the requirements	85	42.29%
meets the requirements	14	6.97%
does not comply	12	5.97%
and number of valid respondents for this question	201	

4. How do you feel about the difficulty of the course content? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very simple	68	33.83%
is relatively simple	68	33.83%
Moderate	44	21.89%
is relatively difficult	13	6.47%
is very difficult	8	3.98%
and number of valid respondents for this question	201	

5. Do you think the course content will contribute to your professional development? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very helpful	77	38.31%
is helpful	73	36.32%
Generally	33	16.42%

is not helpful	14	6.97%
is completely unhelpful	4	1.99%
and number of valid respondents for this question	201	

6. How much do you accept the teaching mode? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very accepting	86	42.79%
accepts	72	35.82%
Generally	29	14.43%
doesn't quite accept it	9	4.48%
completely cannot accept it	5	2.49%
and number of valid respondents for this question	201	

7. In what aspects do you think the current teaching mode can be improved? [Open ended question] [\[ 填空题 \]](#)

填空题数据请通过下载详细数据获取

8. Do you think the use of teaching tools in the classroom is convenient now? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very convenient	87	43.28%
is more convenient	68	33.83%
Generally	30	14.93%
is not very convenient	9	4.48%
is very inconvenient	7	3.48%
and number of valid respondents for this question	201	

9. Do you think the current classroom teaching mode has improved your learning attitude and ability? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
has	156	 77.61%
didn't	45	 22.39%
and number of valid respondents for this question	201	

10. How well do teachers grasp the course content? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very proficient	98	 48.76%
proficient	55	 27.36%
Generally	33	 16.42%
is not very proficient	4	 1.99%
is completely unskilled	11	 5.47%
and number of valid respondents for this question	201	

11. Does the teaching style of the teacher attract you? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very attractive	77	 38.31%
attracts	72	 35.82%
Generally	36	 17.91%
is not very attractive	13	 6.47%
is completely unattractive	3	 1.49%
and number of valid respondents for this question	201	

12. Is the interaction and feedback of teachers in the course timely? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very timely	85	42.29%
timely	62	30.85%
Generally	39	19.4%
is not timely	6	2.99%
is completely untimely	9	4.48%
and number of valid respondents for this question	201	

13. How satisfied are you with the resources provided by the course? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very satisfied	90	44.78%
is satisfied	62	30.85%
Generally	32	15.92%
is dissatisfied	13	6.47%
is very dissatisfied	4	1.99%
and number of valid respondents for this question	201	

14. Do you think the course resources are abundant enough? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very rich	86	42.79%
Rich	76	37.81%
Generally	21	10.45%

is not rich	8	3.98%
is not very rich	10	4.98%
and number of valid respondents for this question	201	

15.How active were you in the course? [\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very high	76	37.81%
high	73	36.32%
Generally	37	18.41%
low	6	2.99%
is very low	9	4.48%
and number of valid respondents for this question	201	

16.Do you think the interactive elements in the course are helpful for learning?  
[\[ Single Choice Question \]](#)

Options	subtotal	proportion
is very helpful	79	39.3%
is helpful	73	36.32%
Generally	33	16.42%
is not helpful	7	3.48%
is completely unhelpful	9	4.48%
and number of valid respondents for this question	201	

17.Please give the course a score (out of 100) [Fill in the blank questions]

Fill in the blank question data can be obtained by downloading detailed data

#### 4. Teacher evaluation during class

1. Expert name: [fill in the blanks](#)



2. Professional title/position: [fill in the blanks](#)



教授

副教授

3. School/Institution: [fill in the blanks](#)



4. Professional field: [fill in the blanks](#)

# 免疫学

## 微生物

5. Is the course content consistent with the teaching syllabus?Single Choice Question

option	subtotal	proportion
is completely consistent	13	43.33%
is basically consistent	9	30%
is consistent	4	13.33%
is inconsistent	4	13.33%
Number of valid respondents for this question	30	

6. Is the course content innovative and cutting-edge?Single Choice Question

option	subtotal	proportion
strongly agrees	7	23.33%
agrees	10	33.33%
Generally	8	26.67%
disagrees	3	10%

completely disagrees	2	6.67%
Number of valid respondents for this question	30	

7. Is the depth and breadth of the course content appropriate? Single Choice Question

option	subtotal	proportion
is very suitable	14	46.67%
is suitable	8	26.67%
Generally	3	10%
is not suitable	3	10%
is completely unsuitable	2	6.67%
Number of valid respondents for this question	30	

8. Are teachers effectively using digital teaching tools and methods? Single Choice Question

option	subtotal	proportion
is very effective	9	30%
is effective	9	30%
Generally	8	26.67%
is invalid	1	3.33%
is completely invalid	3	10%
Number of valid respondents for this question	30	

9. Does the teaching method promote students' learning ability and attitude? Single Choice Question

option	subtotal	proportion
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is very promoting	10	33.33%
promotion	8	26.67%
Generally	6	20%
does not promote	2	6.67%
does not promote at all	4	13.33%
Number of valid respondents for this question	30	

10. Are teaching methods suitable for students with different learning styles? Single Choice Question

option	subtotal	proportion
is very suitable	11	36.67%
is suitable	9	30%
Generally	3	10%
is not suitable	5	16.67%
is completely unsuitable	2	6.67%
Number of valid respondents for this question	30	

11. Are the online resources provided by the course rich and updated? Single Choice Question

option	subtotal	proportion
is very rich and updated	11	36.67%
is rich and updated	10	33.33%
Generally	4	13.33%
is not rich and outdated	3	10%
is very limited and outdated	2	6.67%
Number of valid respondents for this question	30	

12. Do teaching resources help students gain a deeper understanding of course content?Single Choice Question

option	subtotal	proportion
is very helpful	13	43.33%
is helpful	7	23.33%
Generally	4	13.33%
is not helpful	5	16.67%
is completely unhelpful	1	3.33%
Number of valid respondents for this question	30	



13.Does the course encourage interaction among students?Single Choice Question

option	subtotal	proportion
is very encouraged	7	23.33%
encourages	12	40%
Generally	5	16.67%
does not encourage	3	10%
completely does not encourage	3	10%
Number of valid respondents for this question	30	

14. Is the teacher's feedback on student interaction timely and effective?Single Choice Question

option	subtotal	proportion
is very timely and effective	8	26.67%

is timely and effective	13	43.33%
Generally	8	26.67%
is invalid if not timely	0	0%
is completely ineffective if it is not timely	1	3.33%
Number of valid respondents for this question	30	

15. Are the course objectives clear and aligned with the teaching content? Single Choice Question

option	subtotal	proportion
is very clear and matches	11	36.67%
is clear and matching	10	33.33%
Generally	4	13.33%
is unclear or mismatched	3	10%
is very unclear or mismatched	2	6.67%
Number of valid respondents for this question	30	

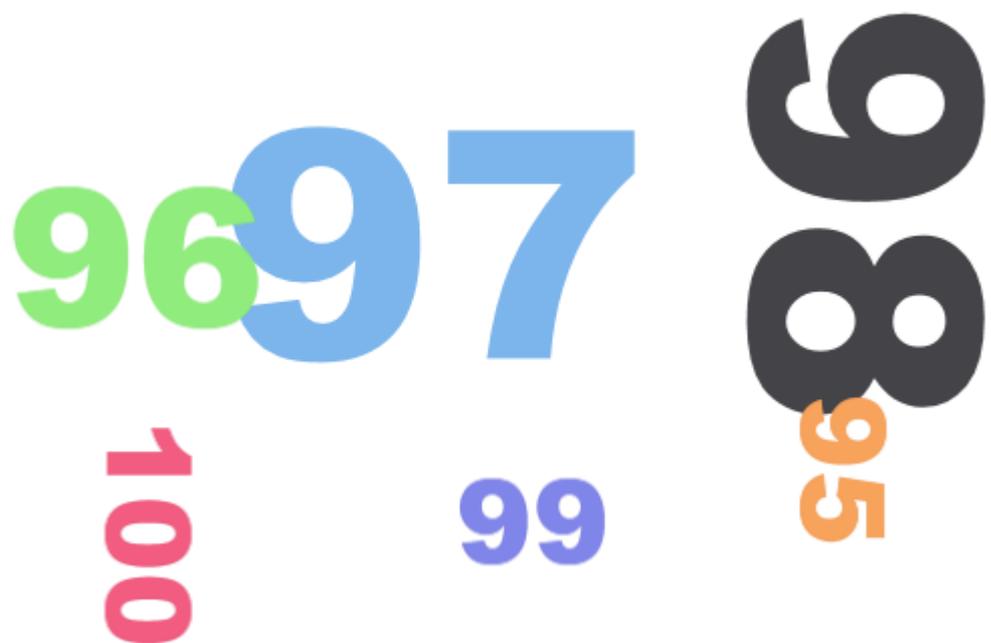
16. Did the students achieve the expected learning outcomes after the course ended? Single Choice Question

option	subtotal	proportion
fully achieved	12	40%
has reached	8	26.67%
Generally	7	23.33%
not reached	2	6.67%
has not been reached at all	1	3.33%
Number of valid respondents for this question	30	

17.[Open ended questions, experts can provide additional evaluations and suggestions for the course] [fill in the blanks](#)



Please give the course a score (out of 100) [fill in the blanks](#)



## 5. Final version of survey questionnaire (signed by experts)

### 1. Questionnaire content: Student Evaluation Form

#### essential information:

1. Does your class use digital teaching?  
A. uses  
B. does not use

2. How much time do you spend on this course approximately per week?  
A. is less than 3 hours  
B. 3-5 hours  
C. 5-10 hours  
D. exceeds 10 hours

3. Do you think the content of this course conforms to the course outline?  
A. fully complies  
B. basically meets the requirements  
C. meets the requirements

4. How much do you accept the teaching mode?  
A. is very accepting  
B. accepts

5. Is the course content consistent with the teaching syllabus?  
A. is completely consistent  
B. is basically consistent  
C. is consistent  
D. is inconsistent

6. Is the course content innovative and cutting-edge?  
A. strongly agrees  
B. agrees  
C. generally  
D. disagrees  
E. completely disagrees

4. How do you feel about the difficulty of the course content?  
A. is very simple  
B. is relatively simple  
C. moderate  
D. is relatively difficult

5. Do you think the course content will contribute to your professional development?  
A. is very helpful  
B. is helpful  
C. generally  
D. is not helpful  
E. is completely unhelpful

6. How much do you accept the teaching mode?  
A. is very accepting  
B. accepts

7. Is the depth and breadth of the course content appropriate?  
A. is very suitable  
B. is suitable  
C. generally  
D. is not suitable  
E. is completely unsuitable

8. Are teachers effectively using digital teaching tools and methods?  
A. is very effective  
B. is effective  
C. generally  
D. is not effective  
E. is completely invalid

9. Does the teaching method promote students' learning ability and attitude?  
A. is very promoting  
B. promotion  
C. generally  
D. does not promote  
E. completely does not promote

10. Are teaching methods suitable for students with different learning styles?  
A. is very suitable  
B. is suitable  
C. generally  
D. is not suitable  
E. is completely unsuitable

11. Are the online resources provided by the course rich and updated?  
A. is very rich and updated  
B. is rich and updated  
C. generally  
D. is not rich and updated  
E. is very limited and outdated

12. Do teaching resources help students gain a deeper understanding of course content?  
A. is very helpful  
B. is helpful  
C. generally  
D. is not helpful  
E. is completely unhelpful

13. Does the course encourage interaction among students?  
A. is very encouraging  
B. encourages  
C. generally  
D. does not encourage  
E. completely does not encourage

14. Is the teacher's feedback on student interaction timely and effective?  
A. is very timely and effective  
B. is timely and effective  
C. generally  
D. is not timely and effective  
E. is very limited and outdated

### 2. Questionnaire content: Teacher evaluation during class

#### essential information:

1. Expert name:  
C. Generally

2. Professional disposition:  
C. Generally

3. School/Institution:  
D. is not suitable

4. Professional field:  
E. is completely unsuitable

5. Is the course content consistent with the teaching syllabus?  
A. is completely consistent  
B. is basically consistent  
C. is consistent  
D. is inconsistent

6. Is the course content innovative and cutting-edge?  
A. strongly agrees  
B. agrees  
C. generally  
D. disagrees  
E. completely disagrees

7. Is the depth and breadth of the course content appropriate?  
A. is very suitable  
B. is suitable  
C. generally  
D. is not suitable  
E. is completely unsuitable

8. Are teachers effectively using digital teaching tools and methods?  
A. is very effective  
B. is effective  
C. generally  
D. is not effective  
E. is completely invalid

9. Does the teaching method promote students' learning ability and attitude?  
A. is very promoting  
B. promotion  
C. generally  
D. does not promote  
E. completely does not promote

10. Are teaching methods suitable for students with different learning styles?  
A. is very suitable  
B. is suitable  
C. generally  
D. is not suitable  
E. is completely unsuitable

11. Are the online resources provided by the course rich and updated?  
A. is very rich and updated  
B. is rich and updated  
C. generally  
D. is not rich and updated  
E. is very limited and outdated

### Teacher performance evaluation:

10. How well do teachers grasp the course content?  
A. is very proficient  
B. proficient  
C. generally  
D. is not very proficient  
E. is completely unskilled

11. Does the teaching style of the teacher attract you?  
A. is very attractive  
B. attracts  
C. generally  
D. is not very attractive  
E. is completely unattractive

12. Is the interaction and feedback of teachers in the course timely?  
A. is very timely  
B. timely  
C. generally  
D. is not timely  
E. is not very rich

12. Do teaching resources help students gain a deeper understanding of course content?  
A. is very helpful  
B. is helpful  
C. generally  
D. is not helpful  
E. is completely unhelpful

13. Does the course encourage interaction among students?  
A. is very encouraging  
B. encourages  
C. generally  
D. does not encourage  
E. completely does not encourage

14. Is the teacher's feedback on student interaction timely and effective?  
A. is very timely and effective  
B. is timely and effective  
C. generally  
D. is not timely and effective  
E. is very limited and outdated

15. Are the course objectives clear and aligned with the teaching content?  
A. is very clear and matches  
B. is clear and matching  
C. generally  
D. is unclear or mismatched  
E. is very unclear or mismatched

16. Did the students achieve the expected learning outcomes after the course ended?  
A. fully achieved  
B. has reached  
C. generally  
D. not reached  
E. has not been reached at all

17. (Open ended question, experts can provide additional evaluations and suggestions for the course)  
18. Please give the course a score (out of 100)

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I believe that these two questionnaires comprehensively cover the key dimensions of digital teaching in higher education, with clear and accurate questions, rigorous structure, and data analysis and conclusions.

董伊君 李韵