

Student Assessment of Learning Gains

Instructions:

Select one value for each question on each scale. If the question is not applicable, select 'NA'. You may add a comment for any item in the text box at the end of the survey.

Q1: How much did each of the following aspects of the class help your learning?

Question 1

A: The way in which the material was approached

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 2

B: How the class activities, labs, reading, and assignments fit together

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 3

C: The pace at which we worked

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

D: The class activities

Question 4

1. Lecture

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 5

2. Discussion in lecture and recitation

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 6

3. Group work in lecture

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 7

4. Hands-on activities in lab

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 8

5. In-depth study sessions after class

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

E: Tests, graded activities and assignments**Question 9**

1. Opportunities for in-class review

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 10

2. The number and spacing of tests and quizzes

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 11

3. The fairness of test and quiz content

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 12

4. The use of online quizzes through Carmen

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 13

5. The mental stretch required of us

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 14

6. The grading system used

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 15

7. The feedback we received

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 16

8. The lab reports

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 17

9. The class presentation

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

F. Resources**Question 18**

1. The classroom with computers in Hitchcock

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 19

2. Carmen

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

G. The information we were given about**Question 20**

1. Course activities for each week

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 21

2. How parts of the classwork, labs, reading, or assignments related to each other

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 22

3. The grading system for the course

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

H. Individual support as a learner**Question 23**

1. The quality of contact with the professor

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 24

2. The quality of contact with the TAs

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 25

3. Working with peers outside of class

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Question 26

K. The way this class was taught overall

- ☐ NA ☐ No help ☐ A little help ☐ Moderate help ☐ Much help ☐ Very much help

Q2: As a result of your work in this class, how well do you think that you now understand each of the following?**Question 27**

1. Basic chemistry concepts (pH, substances, metathesis reactions)

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 28

2. How STEM concepts are integrated in explanations of questions regarding dragonflies

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Q3: How much has this class added to your skills in each of the following?**Question 29**

1. Knowing how well you understand a concept

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 30

2. How to access help from an instructional staff when you are struggling

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 31

3. How to work productively in groups

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 32

4. Study skills that support STEM learning

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 33

5. Giving oral presentations

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 34

6. Identifying steps in solving a problem

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 35

7. Separating relevant from irrelevant information in a problem

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 36

8. Thinking critically

- ☐ NA ☐ Nothing ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Q4: To what extent did you make gains in any of the following as a result of what you did in this class?**Question 37**

1. Knowing what to expect in college science courses

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 38

2. Understanding the relationship between concepts

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 39

3. Feeling comfortable with complex ideas

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 40

4. Enthusiasm for learning new scientific concepts

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 41

5. Ability to think through a problem or argument

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 42

6. Confidence in your ability to understand biological concepts

- ☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Q5: How much of the following do you think you will remember and carry with you into other classes or aspects of your life?**Question 43**

1. Basic chemistry concepts

☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 44

2. Scientific thinking in which concepts from chemistry, physics, mathematics, and biology are integrated

☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Question 45

3. The ability to determine if you have mastered a concept

☐ NA ☐ Not at all ☐ A little ☐ Somewhat ☐ A lot ☐ A great deal

Q6: Add comments below**Question 46**

Enter any comments here.

Additional Questions**Question 47**

In each of the following indicate your level of agreement regarding the impact of the program.

#		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	This program helped me feel prepared to start college.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	This program helped me feel more confident about science, engineering, and mathematics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	This program helped me develop a network that I think will be supportive throughout my college career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	This program increased my interest in science, engineering, and mathematics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	I will be interested in working as a mentor with students in the program next year.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	I will seek out help at study centers and instructional staff office hours in the future.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	If I knew a student who was going to be an incoming STEM freshman at OSU next year, I would recommend this program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Save

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